

NASA THESAURUS

VOLUME 1
HIERARCHICAL LISTING
1982 EDITION

National Aeronautics and Space Administration

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1982 EDITION



NASA

National Aeronautics
and Space Administration

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1982 Edition

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Volume 2 • Access Vocabulary

INTRODUCTION to the HIERARCHICAL LISTING

The *NASA Thesaurus* contains the authorized subject terms by which the documents in the NASA scientific and technical information system are indexed and retrieved. The *NASA Thesaurus* comprises two volumes: Volume 1 - *Hierarchical Listing* and Volume 2 - *Access Vocabulary*. The *Hierarchical Listing* contains all subject terms (postable and nonpostable) currently approved for use. The *Listing* includes terms appearing in the *NASA Thesaurus*, Preliminary Edition (December 1967), the *NASA Thesaurus Alphabetical Update* (September 1971), the *NASA Thesaurus* (January 1976), and other terms approved through March 1982. The *Listing* contains 16,713 postable terms and 3716 nonpostable terms. The *Access Vocabulary* contains postable terms, nonpostable terms, pseudoterms, and other entry terms to provide multiple access to the *NASA Thesaurus* terminology. The *Access Vocabulary* contains 40,661 entry terms.

The terminology of the *NASA Thesaurus* is based in large part on the actual indexing vocabulary developed by NASA during the sixties. Other thesauri, notably the DOD *Thesaurus of Engineering and Scientific Terms*, (AD-672000), have provided additional candidate terms. The general guidelines in creating and maintaining the *NASA Thesaurus* have been based on the COSATI *Guidelines for the Development of Information Retrieval Thesauri* (1 September 1967).

The *NASA Thesaurus* is updated periodically and perhaps reissued biennially. The optimal revision of the *Thesaurus* terms and cross references will, however, require the cooperation and input of users of the *Thesaurus* and of the NASA scientific and technical information system. Suggestions for term modification, deletion, and addition should be addressed to: Lexicographer, NASA Scientific and Technical Information Facility, P.O. Box 8757, BWI Airport, Maryland 21240.

DEFINITIONS and CONVENTIONS

The definitions and conventions employed in the *NASA Thesaurus* follow.

Postable terms. Subject terms that have been approved for use in indexing and retrieval, and thus, can be 'posted'.

Nonpostable terms. Subject terms that are included for cross reference information and cannot be used for indexing or retrieval. The terms are also called 'Use references' which are mentioned in the section on Cross Reference Structure (page vi).

Term Selection. Subject terms have been chosen on the basis of their significance and use in aerospace literature and their effectiveness in incorporating productive retrieval concepts. Particular consideration has been given to frequency of use in earlier NASA indexing and search vocabularies, to relationships with other terms in the vocabulary, and to precise scientific and technical usage.

Grammatical Form. Subject terms are presented in the noun form. Expressions that were presented in earlier vocabularies as adjectives or verbs have been converted to the noun form.

Singular vs. Plural. The plural form has in general been used for subject terms. The singular form, however, is occasionally employed for specific processes, properties, conditions, and hardware.

Term Length. No more than 42 characters, including spaces, are used for any subject term. Various words in longer terms are often truncated.

Term Ambiguity. When subject terms have more than one meaning in aerospace usage, or where distinction between terms must be made, clarification is provided in one of two ways:

- a) Parenthetical qualifying expressions or glosses are added, becoming part of the subject term. For example:

SIZING (SHAPING)
SIZING (SURFACE TREATMENT)

- b) Parenthetical scope notes are also added for explanation or definition; they do not become part of the subject term. For example:

SPECTROSCOPIC ANALYSIS
SN (FOR SPECTROSCOPIC TOOLS IN
CHEMICAL ANALYSIS)

Direct Entry. Subject terms that consist of more than one word are listed for direct entry, i.e., in their natural word order rather than in the inverted form. Inverted forms appear in the *Access Vocabulary*. For example:

ANALYTICAL CHEMISTRY not CHEMISTRY, ANALYTICAL

Abbreviations and Acronyms. Abbreviations and acronyms that are in common use in the aerospace community are employed in this *Thesaurus*. In most cases USE cross references are made from the unabbreviated forms. For example:

ORBITING SOLAR OBSERVATORY
USE OSO

Synonyms. When candidate subject terms are true synonyms, one is chosen to be the valid, or postable term, and the other is provided with a USE cross reference. For example:

COLUMBIUM
USE NIOBIUM

Array Terms. Subject terms with meaning either too broad or ambiguous for effective indexing or retrieval of information, have been designated array terms and carry the following scope note: (USE OF A MORE SPECIFIC TERM IS RECOMMENDED--

CONSULT THE TERMS LISTED BELOW). Relationships with other **postable** terms are shown by the Related Term (RT) reference only. For example:

∞ **BEAMS**
 SN (USE OF A MORE SPECIFIC TERM IS
 RECOMMENDED—CONSULT THE TERMS
 LISTED BELOW)
 RT BEAMS (RADIATION)
 BEAMS (SUPPORTS)

An infinity symbol ∞ precedes an array term in each of its appearances in Volume 1.

Identifiers. In the *NASA Thesaurus* identifiers, i.e., subject terms that include a numeric or alphabetic designation, or both, for a specific model or item, are treated as regular subject terms and are provided complete cross references. For example:

F-111 AIRCRAFT
 UF LASV
 TFX AIRCRAFT
 GS ATTACK AIRCRAFT
 . FIGHTER AIRCRAFT
 . . **F-111 AIRCRAFT**
 GENERAL DYNAMICS AIRCRAFT
 . **F-111 AIRCRAFT**
 GRUMMAN AIRCRAFT
 . **F-111 AIRCRAFT**
 JET AIRCRAFT
 . TURBOFAN AIRCRAFT
 . . **F-111 AIRCRAFT**
 SUPERSONIC AIRCRAFT
 . **F-111 AIRCRAFT**
 RT VARIABLE SWEEP WINGS

CROSS REFERENCE STRUCTURE

Cross reference relationships in the *Hierarchical Listing* are shown as follows:

<i>Cross references</i>	<i>Notation</i>
Broader term	GS
Narrower term	GS
Related term	RT
Use	USE
Used For	UF

These cross references have the following applications:

Broader Term. This reference indicates that the term represents more inclusive concepts. In the Generic Structuring (GS), the Broader Terms appear above and to the left of the term

referenced. For example:

```
REENTRY COMMUNICATION
GS  TELECOMMUNICATION
    . SPACE COMMUNICATION
    . . SPACECRAFT COMMUNICATION
    . . . REENTRY COMMUNICATION
```

TELECOMMUNICATION, SPACE COMMUNICATION and SPACECRAFT COMMUNICATION are Broader Terms to REENTRY COMMUNICATION.

Narrower Term. This reference indicates that the term represents more specific concepts. In the Generic Structuring (GS), the Narrower Terms appear below and to the right (indented) of the term referenced. For example:

```
GS  SCANNERS
    . COASTAL ZONE COLOR SCANNER
    . HORIZON SCANNERS
    . INFRARED SCANNERS
    . OPTICAL SCANNERS
    . . FLYING SPOT SCANNERS
    . . MULTISPECTRAL BAND SCANNERS
```

COASTAL ZONE COLOR SCANNER, HORIZON SCANNERS, INFRARED SCANNERS, and OPTICAL SCANNERS are Narrower Terms to SCANNERS. FLYING SPOT SCANNERS and MULTISPECTRAL BAND SCANNERS are narrower to both OPTICAL SCANNERS and SCANNERS.

The number of narrow terms is not limited. For example SATELLITES has over 500 narrower terms.

Related Term (RT). This indicates that the two terms are closely related conceptually but are not structured within the broader or narrower 'tree,' or hierarchy. The reciprocal of the RT reference 'a' is the RT reference 'b' and vice versa.

```
(a) RADAR EQUIPMENT
    RT  RADIO EQUIPMENT
(b) RADIO EQUIPMENT
    RT  RADAR EQUIPMENT
```

Use (USE). This indicates that the term is not 'postable,' i.e., not a valid term, and that the following term or terms should be used instead. For example:

```
STS
USE  SPACE TRANSPORTATION SYSTEM
```

Used For (UF). This is a reciprocal of the USE cross reference and identifies valid, or 'postable,' terms. For example:

SPACE TRANSPORTATION SYSTEM
UF STS

ALPHABETIZATION

The ordering of subject terms into an alphabetical arrangement can be accomplished in several ways. The most commonly used methods are the letter-by-letter, word-by-word, and the computer sorting order. In the absence of any universal agreement on a standardized approach, a word-oriented modification of the computer sorting technique has been adopted in this *Thesaurus* as the most useful and economic for this purpose.

Nonalphabetic characters are filed either at the beginning of the alphabet, at the end of the alphabet or are ignored altogether. Thus parens are filed before the alphabet in Volume 1. Parens are ignored for filing in Volume 2 due to permuting. Hyphens, slashes and periods follow blank spaces.

RELATIONSHIP TO ACCESS VOCABULARY

The *NASA Thesaurus Volume 2 - Access Vocabulary* is a useful companion to this volume and its use is encouraged. It provides thousands of additional 'access points' to the terms whose hierarchies are listed in this volume.

PREVIOUS EDITIONS OF THE NASA THESAURUS

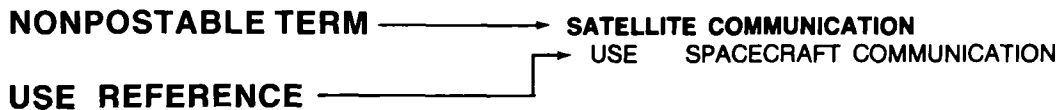
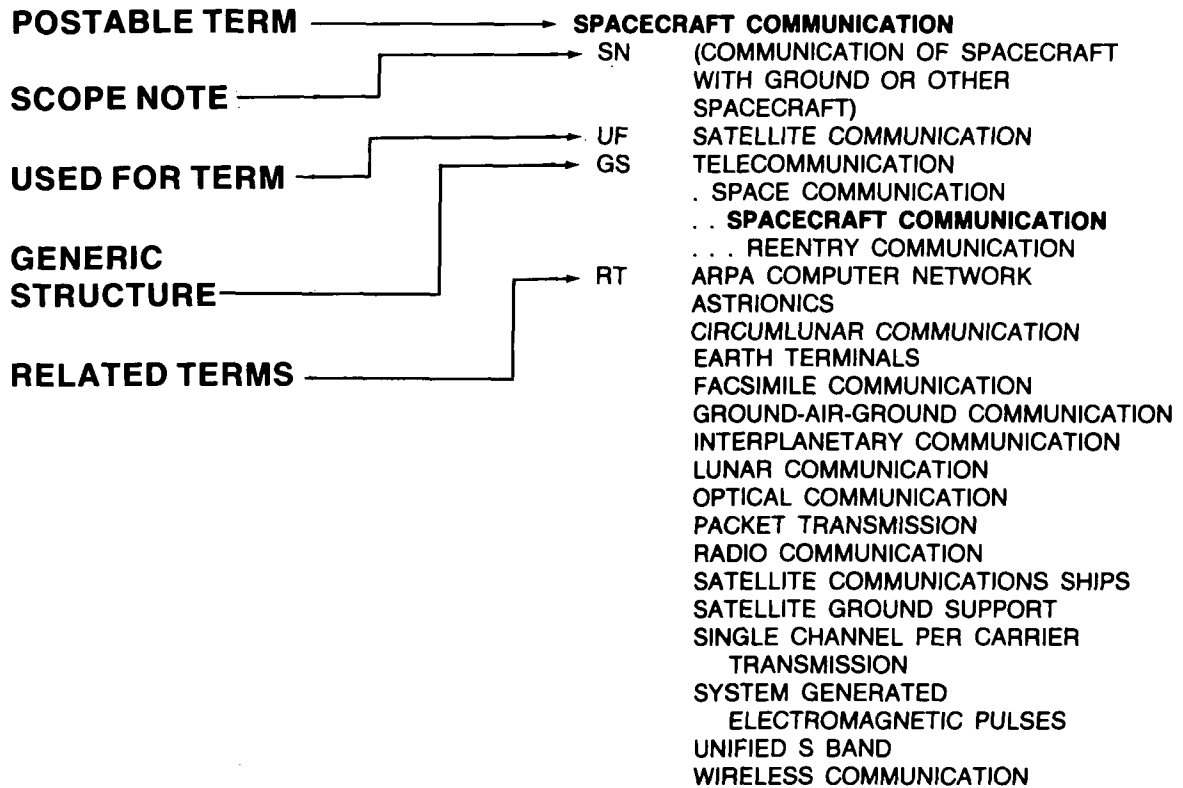
NASA Thesaurus; Subject Terms for Indexing Scientific and Technical Information. Preliminary Edition, 1967. NASA SP-7030. 3 Vols., Vol. 1. Alphabetical Listing, A-L; Vol. 2. Alphabetical Listing, M-Z; Vol. 3. Appendixes.

NASA Thesaurus Alphabetical Update. 1971, NASA SP-7040.

NASA Thesaurus. 1976 Edition, NASA SP-7050. 2 Vols. Vol. 1, Alphabetical Listing; Vol. 2, Access Vocabulary.

HIERARCHICAL LISTING

Examples of entries and notations in the Hierarchical Listing follow:



NASA THESAURUS

VOLUME 1 HIERARCHICAL LISTING

A

A STARS

- GS CELESTIAL BODIES
 - . STARS
 - . . HOT STARS
 - . . . A STARS
- RT BLUE STARS
 - PECULIAR STARS
 - WOLF-RAYET STARS

A-1 AIRCRAFT

- UF SKYRAIDER AIRCRAFT
- GS ATTACK AIRCRAFT
 - . A-1 AIRCRAFT
 - MCDONNELL DOUGLAS AIRCRAFT
 - . . A-1 AIRCRAFT
 - MONOPLANES
 - . A-1 AIRCRAFT

A-2 AIRCRAFT

- UF SAVAGE AIRCRAFT
- GS ATTACK AIRCRAFT
 - . BOMBER AIRCRAFT
 - . . A-2 AIRCRAFT
 - JET AIRCRAFT
 - . A-2 AIRCRAFT
 - MONOPLANES
 - . A-2 AIRCRAFT
 - NORTH AMERICAN AIRCRAFT
 - . A-2 AIRCRAFT
 - OBSERVATION AIRCRAFT
 - . A-2 AIRCRAFT

A-3 AIRCRAFT

- UF A3D AIRCRAFT
- GS SKYWARRIOR AIRCRAFT
 - ATTACK AIRCRAFT
 - . BOMBER AIRCRAFT
 - . . A-3 AIRCRAFT
 - JET AIRCRAFT
 - . A-3 AIRCRAFT
 - MCDONNELL DOUGLAS AIRCRAFT
 - . DOUGLAS AIRCRAFT
 - . . A-3 AIRCRAFT
 - MONOPLANES
 - . A-3 AIRCRAFT

A-4 AIRCRAFT

- UF A4D AIRCRAFT
- GS SKYHAWK AIRCRAFT
 - ATTACK AIRCRAFT
 - . BOMBER AIRCRAFT
 - . . A-4 AIRCRAFT
 - JET AIRCRAFT
 - . A-4 AIRCRAFT
 - MCDONNELL DOUGLAS AIRCRAFT
 - . DOUGLAS AIRCRAFT
 - . . A-4 AIRCRAFT
 - MONOPLANES
 - . A-4 AIRCRAFT
 - RT J-65 ENGINE

A-5 AIRCRAFT

- UF A3J AIRCRAFT
- GS VIGILANTE AIRCRAFT
 - ATTACK AIRCRAFT
 - . BOMBER AIRCRAFT
 - . . A-5 AIRCRAFT
 - JET AIRCRAFT
 - . A-5 AIRCRAFT
 - MONOPLANES
 - . A-5 AIRCRAFT
 - NORTH AMERICAN AIRCRAFT
 - . A-5 AIRCRAFT
 - SUPERSONIC AIRCRAFT
 - . A-5 AIRCRAFT

A-6 AIRCRAFT

- UF A2F AIRCRAFT
- GS INTRUDER AIRCRAFT
 - ATTACK AIRCRAFT
 - . BOMBER AIRCRAFT
 - . . A-6 AIRCRAFT
 - GRUMMAN AIRCRAFT
 - . A-6 AIRCRAFT
 - JET AIRCRAFT
 - . A-6 AIRCRAFT
 - MONOPLANES
 - . A-6 AIRCRAFT

A-7 AIRCRAFT

- UF CORSAIR AIRCRAFT
- GS ATTACK AIRCRAFT
 - . A-7 AIRCRAFT
 - JET AIRCRAFT
 - . TURBOFAN AIRCRAFT
 - . . A-7 AIRCRAFT
 - LING-TENCO-VOUGHT AIRCRAFT
 - . A-7 AIRCRAFT
 - MONOPLANES
 - . A-7 AIRCRAFT

A-9 AIRCRAFT

- GS ATTACK AIRCRAFT
 - . A-9 AIRCRAFT
 - NORTHROP AIRCRAFT
 - . A-9 AIRCRAFT
 - RECONNAISSANCE AIRCRAFT
 - . A-9 AIRCRAFT

A-10 AIRCRAFT

- GS ATTACK AIRCRAFT
 - . A-10 AIRCRAFT
 - REPUBLIC AIRCRAFT
 - . A-10 AIRCRAFT

A-11 SATELLITE

- USE ECHO 1 SATELLITE

A-12 SATELLITE

- USE ECHO 2 SATELLITE

A-37 AIRCRAFT

- GS ATTACK AIRCRAFT
 - . A-37 AIRCRAFT
 - CESSNA AIRCRAFT
 - . A-37 AIRCRAFT
 - MONOPLANES
 - . A-37 AIRCRAFT
 - RT ∞ MILITARY AIRCRAFT
 - T-37 AIRCRAFT

A-300 AIRCRAFT

- GS COMMERCIAL AIRCRAFT
 - . EUROPEAN AIRBUS
 - . . A-300 AIRCRAFT
 - JET AIRCRAFT
 - . EUROPEAN AIRBUS
 - . . A-300 AIRCRAFT
 - PASSENGER AIRCRAFT
 - . EUROPEAN AIRBUS
 - . . A-300 AIRCRAFT
 - TRANSPORT AIRCRAFT
 - . A-300 AIRCRAFT
 - RT INTERNATIONAL COOPERATION
 - SWEPT WINGS

AAP 1 MISSION

- RT APOLLO APPLICATIONS PROGRAM
 - APOLLO PROJECT
 - SKYLAB PROGRAM

AAP 2 MISSION

- RT APOLLO APPLICATIONS PROGRAM
 - APOLLO PROJECT
 - SKYLAB PROGRAM

AAP 3 MISSION

- RT APOLLO APPLICATIONS PROGRAM
 - APOLLO PROJECT
 - SKYLAB PROGRAM

AAP 4 MISSION

- RT APOLLO APPLICATIONS PROGRAM
 - APOLLO PROJECT
 - SKYLAB PROGRAM

ABDOMEN

- GS ANATOMY
 - . ABDOMEN
 - VISCERA
 - . ABDOMEN
- RT DIGESTIVE SYSTEM
 - GASTROINTESTINAL SYSTEM
 - INTESTINES
 - PERITONEUM
 - STOMACH
 - VENTRAL SECTIONS

ABEL FUNCTION

- GS ANALYSIS (MATHEMATICS)
 - . REAL VARIABLES
 - . . ABEL FUNCTION
 - FUNCTIONS (MATHEMATICS)
 - . ABEL FUNCTION
- RT SERIES (MATHEMATICS)

ABERRATION

- RT ABNORMALITIES
 - ASPHERICITY
 - BLURRING
 - ∞ COMA
 - CRYSTAL OPTICS
 - DEVIATION
 - DISTORTION
 - GRAZING INCIDENCE
 - SPATIAL FILTERING

ABILITIES

- UF PROFICIENCY
- SKILLS
- GS ARTS
 - . ABILITIES
- RT CONSISTENCY
 - EFFORT
 - HUMAN FACTORS ENGINEERING
 - INCOMPATIBILITY
 - TRANSFER OF TRAINING

ABIOTIC GENESIS

- GS EVOLUTION (DEVELOPMENT)
 - . BIOLOGICAL EVOLUTION
 - . . ABIOTIC GENESIS
- RT CHEMICAL EVOLUTION
 - LIFE SCIENCES
 - PANSPERMIA

ABLATED NOSETIPS

- USE PANT PROGRAM

ABLATION

- RT ABLATIVE MATERIALS
 - ABLATIVE NOSE CONES
 - AERODYNAMIC HEAT TRANSFER
 - AERODYNAMIC HEATING
 - AEROTHERMOCHEMISTRY
 - ATMOSPHERIC ENTRY
 - BURNTHROUGH (FAILURE)
 - CHARRING
 - COOLING
 - DECOMPOSITION
 - EROSION
 - GAS-METAL INTERACTIONS
 - HEAT SHIELDING
 - IMPINGEMENT
 - JET IMPINGEMENT

ABLATIVE MATERIALS

ABLATION-(CONT.)

MASS TRANSFER
MELTING
PYROLYSIS
REENTRY
REENTRY EFFECTS
REENTRY PHYSICS
REENTRY SHIELDING
SUBLIMATION
TEMPERATURE EFFECTS
THERMAL ABSORPTION
THERMAL DECOMPOSITION
VAPORIZING

ABLATIVE MATERIALS

RT ABLATION
COOLING
HEAT SHIELDING
HEAT SINKS
∞ MATERIALS
NOSE CONES
NOZZLE INSERTS
PYROLYTIC MATERIALS
REFRACTORY MATERIALS
THERMAL CONTROL COATINGS
THERMAL PROTECTION

ABLATIVE NOSE CONES

GS CONES
. NOSE CONES
. . ABLATIVE NOSE CONES
RT ABLATION
HEAT SHIELDING
REENTRY SHIELDING
REENTRY VEHICLES
ROCKET NOSE CONES
SHIELDING

ABLESTAR LAUNCH VEHICLE

GS LAUNCH VEHICLES
. ABLESTAR LAUNCH VEHICLE
ROCKET VEHICLES
. MULTISTAGE ROCKET VEHICLES
. . ABLESTAR LAUNCH VEHICLE
RT LIQUID PROPELLANT ROCKET ENGINES

ABM

USE APOGEE BOOST MOTORS

ABNORMALITIES

RT ABERRATION
DEVIATION
DISTORTION
ECCENTRICITY
IRREGULARITIES
UNIQUENESS

ABORIGINES

RT ANTHROPOLOGY
HUMAN BEINGS
INHABITANTS

ABORT APPARATUS

GS SAFETY DEVICES
. ABORT APPARATUS
RT ABORTED MISSIONS
AIRCRAFT SAFETY
ARRESTING GEAR
∞ BARRIERS
BRAKES (FOR ARRESTING MOTION)
DRAG DEVICES
EJECTION SEATS
∞ EQUIPMENT
ESCAPE CAPSULES
ESCAPE ROCKETS
FLYING EJECTION SEATS

ABORT TRAJECTORIES

GS TRAJECTORIES
. ABORT TRAJECTORIES
RT ABORTED MISSIONS
MATTs (SYSTEMS)

ABORTED MISSIONS

RT ABORT APPARATUS
ABORT TRAJECTORIES
DESTRUCTION
ENGINE FAILURE
ESCAPE CAPSULES
ESCAPE ROCKETS
FAILURE
MALFUNCTIONS
∞ MISSIONS

ABRASION

RT ABRASIVES
CHIPPING
CLEANING
CUTTING
DRY FRICTION
EROSION
FILES (TOOLS)
FRICTION
GRINDING (MATERIAL REMOVAL)
LESIONS
METALLOGRAPHY
POLISHING
SCORING
SOIL EROSION
TRIBOLOGY
WEAR

ABRASION RESISTANCE

GS MECHANICAL PROPERTIES
. ABRASION RESISTANCE
RT HARDNESS
∞ RESISTANCE
TOUGHNESS

ABRASIVES

RT ABRASION
ALUMINUM OXIDES
CARBORUNDUM (TRADEMARK)
CERAMICS
DIAMONDS
GRIT
PUMICE
QUARTZ
SILICON CARBIDES

ABRIKOSOV THEORY

RT CRYSTAL STRUCTURE
ELECTROMAGNETIC FIELDS
SUPERCONDUCTIVITY
SUPERCONDUCTORS
∞ THEORIES
VORTICES

ABSOLUTE ZERO

GS TEMPERATURE
. ABSOLUTE ZERO
RT CRYOGENICS
SUBZERO TEMPERATURE
TEMPERATURE EFFECTS
TEMPERATURE SCALES
ULTRALOW TEMPERATURES
ZERO POINT ENERGY

ABSORBENTS

UF MOLECULAR SIEVES
GS SORBENTS
. ABSORBENTS
RT ∞ ABSORBENTS
ABSORBERS (EQUIPMENT)
ABSORBERS (MATERIALS)
ADSORBENTS
AIR CONDITIONING EQUIPMENT
DESICCANTS
LOW DENSITY MATERIALS
MATERIAL ABSORPTION
∞ MATERIALS

∞ ABSORBENTS

SN (USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)
RT ABSORBENTS
ABSORBERS (EQUIPMENT)
ABSORBERS (MATERIALS)
ATTENUATORS
CLEANERS
OSCILLATION DAMPERS
SHOCK ABSORBERS
VIBRATION ISOLATORS

ABSORBERS (EQUIPMENT)

SN (EXCLUDES EQUIPMENT FOR
ABSORBING ENERGY)
RT ABSORBENTS
∞ ABSORBENTS
ABSORBERS (MATERIALS)
AIR CONDITIONING EQUIPMENT
CLEANERS
COLUMNS (PROCESS ENGINEERING)
CONDENSERS (LIQUIFIERS)
COOLING SYSTEMS
DEGASSING
DRYING APPARATUS
∞ EQUIPMENT

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ABSORBERS (EQUIPMENT)-(CONT.)

MATERIAL ABSORPTION
REFRIGERATING MACHINERY
SHOCK ABSORBERS

ABSORBERS (MATERIALS)

SN (EXCLUDES ABSORBENTS--LIMITED TO
MATERIALS FOR ABSORBING RADIATION
RATHER THAN OTHER MATERIALS)
RT ABSORBENTS
∞ ABSORBERS
ABSORBERS (EQUIPMENT)
ACOUSTIC RETROFITTING
ATTENUATORS
CLEANERS
ELECTROMAGNETIC ABSORPTION
ELECTROMAGNETIC WAVE FILTERS
ENERGY ABSORPTION
∞ FILTERS
HEAT SINKS
INSULATION
JACKETS
LOW DENSITY MATERIALS
∞ MATERIALS
NEUTRON ABSORBERS
RADAR ABSORBERS
RADIATION SHIELDING
REFRIGERANTS
SHIELDING
SINKS
SOLAR ENERGY ABSORBERS
STOPPING POWER
SUPPRESSORS

ABSORPTANCE

GS ELECTROMAGNETIC PROPERTIES
. OPTICAL PROPERTIES
. . ABSORPTANCE
RT ALBEDO
CAPTURE EFFECT
COSMIC RAY ALBEDO
DENSITY (MASS/VOLUME)
EARTH ALBEDO
ELECTROMAGNETIC ABSORPTION
LIGHT TRANSMISSION
LUNAR ALBEDO
OPACITY
REFLECTANCE
SURFACE PROPERTIES
TRANSMISSION
TRANSMISSIVITY
TRANSMITTANCE
TRANSPARENCE
TURBIDITY

∞ ABSORPTION

SN (USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)
RT ACTIVATED CARBON
ADSORPTION
ATOMIC COLLISIONS
ATTENUATION
BENEFICIATION
CAPTURE EFFECT
COLLISION PARAMETERS
COSMIC RAY ALBEDO
DAMPING
DESORPTION
DIFFUSION
DRYING
ELECTROMAGNETIC ABSORPTION
ENERGY ABSORPTION
GAMMA RAY ABSORPTION
INFRARED SPECTRA
MATERIAL ABSORPTION
MATERIALS RECOVERY
MULTIPHOTON ABSORPTION
PERMEATING
PLANETARY ATMOSPHERES
RADIATION ABSORPTION
SELF ABSORPTION
SORPTION
THERMAL ABSORPTION
ULTRAVIOLET ABSORPTION
VISIBLE SPECTRUM
X RAY ABSORPTION

ABSORPTION BANDS

USE ABSORPTION SPECTRA

ABSORPTION COEFFICIENT

USE ABSORPTIVITY

ABSORPTION COOLING

GS COOLING
 . **ABSORPTION COOLING**
 RT AMMONIA
 MAGNETIC COOLING
 REFRIGERANTS

ABSORPTION CROSS SECTIONS

UF CAPTURE CROSS SECTIONS
 RT ∞ CROSS SECTIONS
 IONIZATION CROSS SECTIONS
 NEUTRON CROSS SECTIONS
 RADIATION ABSORPTION
 SCATTERING CROSS SECTIONS
 STOPPING POWER

ABSORPTION SPECTRA

UF ABSORPTION BANDS
 SPECTRAL ABSORPTION
 GS SPECTRA
 . **ABSORPTION SPECTRA**
 . . FRAUNHOFER LINES
 . . HERZBERG BANDS
 . . TELLURIC LINES
 RT BALMER SERIES
 CONTINUOUS RADIATION
 D LINES
 ELECTROMAGNETIC ABSORPTION
 ELECTROMAGNETIC SPECTRA
 ELECTRON SPECTROSCOPY
 ELECTRONIC SPECTRA
 EMISSION SPECTRA
 ENERGY SPECTRA
 FRAUNHOFER LINE DISCRIMINATORS
 GALACTIC NUCLEI
 GAMMA RAY ABSORPTIOMETRY
 H ALPHA LINE
 H BETA LINE
 H GAMMA LINE
 H LINES
 IONIZING RADIATION
 K LINES
 LASER SPECTROMETERS
 LINE SPECTRA
 MICROWAVE SPECTRA
 MOLECULAR SPECTRA
 MOLECULAR SPECTROSCOPY
 PARAMAGNETIC RESONANCE
 PASCHEN SERIES
 PHOTOLUMINESCENT BANDS
 PHOTON ABSORPTIOMETRY
 RAMAN SPECTRA
 RYDBERG SERIES
 SCHUMANN-RUNGE BANDS
 SELF ABSORPTION
 SOLAR SPECTRA
 SOLAR SPECTROMETERS
 SPECTRUM ANALYSIS
 STELLAR SPECTRA
 ULTRAVIOLET SPECTRA
 VISIBLE SPECTRUM

ABSORPTION SPECTROSCOPY

GS SPECTROSCOPY
 . **ABSORPTION SPECTROSCOPY**
 . . OPTOGALVANIC SPECTROSCOPY
 RT FRAUNHOFER LINES
 INFRARED SPECTROSCOPY
 OPTICAL EQUIPMENT
 OPTICAL MEASURING INSTRUMENTS
 ULTRAVIOLET SPECTROSCOPY

ABSORPTIVE INDEX

USE ABSORPTIVITY

ABSORPTIVITY

UF ABSORPTION COEFFICIENT
 ABSORPTIVE INDEX
 GS ELECTROMAGNETIC PROPERTIES
 . OPTICAL PROPERTIES
 . . **ABSORPTIVITY**
 RT BEER LAW
 BOUGUER LAW
 DENSITY (MASS/VOLUME)
 ELECTROMAGNETIC ABSORPTION
 KIRCHHOFF LAW OF RADIATION
 OPACITY
 SCATTERING COEFFICIENTS
 SELF ABSORPTION
 TRANSMISSIVITY
 TRANSPARENCE

ABSTRACTS

GS DOCUMENTS
 . **ABSTRACTS**

ABSTRACTS-(CONT.)

SUMMARIES
 . **ABSTRACTS**
 RT ANNOTATIONS
 BIBLIOGRAPHIES
 INDEXES (DOCUMENTATION)
 INFORMATION RETRIEVAL
 TECHNICAL WRITING

ABUNDANCE

UF ELEMENT ABUNDANCE
 RT AVAILABILITY
 ENERGY POLICY
 METALLIC STARS
 RESERVES
 RESOURCES

AC (CURRENT)

USE ALTERNATING CURRENT

AC GENERATORS

UF ALTERNATING CURRENT GENERATORS
 ALTERNATORS (GENERATORS)
 GS ELECTRIC GENERATORS
 . **AC GENERATORS**
 . . STATIC ALTERNATORS
 RT ∞ GENERATORS
 TURBOGENERATORS

AC-1 AIRCRAFT

USE DHC 4 AIRCRAFT

ACCELERATED LIFE TESTS

RT ACCEPTABILITY
 EVALUATION
 FATIGUE LIFE
 LIFE (DURABILITY)
 PERFORMANCE TESTS
 QUALITY CONTROL
 SERVICE LIFE
 ∞ TESTS

ACCELERATING AGENTS

RT ∞ ACCELERATORS
 ADMIXTURES
 ∞ AGENTS
 CATALYSTS
 RETARDANTS

 ∞ ACCELERATION

SN *(USE OF A MORE SPECIFIC TERM IS
 RECOMMENDED--CONSULT THE TERMS
 LISTED BELOW)*
 RT ACCELERATION (PHYSICS)
 CATALYSIS
 GRAVIMETRY
 HUMAN TOLERANCES
 TRANSVERSE ACCELERATION

ACCELERATION (PHYSICS)

UF BOOST
 G FORCE
 GS RATES (PER TIME)
 . **ACCELERATION (PHYSICS)**
 . . ANGULAR ACCELERATION
 . . DECELERATION
 . . . SPIN REDUCTION
 . . ELECTRON ACCELERATION
 . . HIGH ACCELERATION
 . . HIGH GRAVITY ENVIRONMENTS
 . . IMPACT ACCELERATION
 . . PARTICLE ACCELERATION
 . . PLASMA ACCELERATION
 . . TRANSVERSE ACCELERATION
 RT ∞ ACCELERATION
 ACCELERATION STRESSES
 (PHYSIOLOGY)
 ACCELEROMETERS
 BODY KINEMATICS
 EXPULSION
 FLIGHT STRESS (BIOLOGY)
 ∞ FORCE
 KINEMATICS
 KINETICS
 MECHANICAL SHOCK
 ∞ MOTION
 PHYSIOLOGICAL ACCELERATION
 STRESS (PHYSIOLOGY)
 THRUST
 THRUST-WEIGHT RATIO
 VELOCITY

ACCELERATION PROTECTION

GS PROTECTION

ACCELERATION PROTECTION-(CONT.)

. **ACCELERATION PROTECTION**
 RT EMBEDDING
 SUPINE POSITION

ACCELERATION STRESSES (PHYSIOLOGY)

UF LOWER BODY NEGATIVE PRESSURE
 (LBNP)
 GS STRESS (PHYSIOLOGY)
 . **ACCELERATION STRESSES
 (PHYSIOLOGY)**
 . . CENTRIFUGING STRESS
 RT ACCELERATION (PHYSICS)
 ARTIFICIAL GRAVITY
 BODY KINEMATICS
 GRAVITATIONAL EFFECTS
 HIGH ACCELERATION
 MOTION SICKNESS
 PHYSIOLOGICAL ACCELERATION
 TRANSVERSE ACCELERATION

ACCELERATION TOLERANCE

SN (LIMITED TO ABILITY OF ORGANISMS TO
 WITHSTAND ACCELERATION--FOR
 EFFECTS ON EQUIPMENT, USE SHOCK
 RESISTANCE AND MECHANICAL SHOCK)
 GS TOLERANCES (PHYSIOLOGY)
 . **ACCELERATION TOLERANCE**
 RT BLACKOUT (PHYSIOLOGY)
 BLACKOUT PREVENTION
 CENTRIFUGING STRESS
 GRAVITATIONAL EFFECTS
 HIGH ACCELERATION
 HUMAN CENTRIFUGES
 HUMAN TOLERANCES
 ∞ RESISTANCE

 ∞ ACCELERATORS

SN *(USE OF A MORE SPECIFIC TERM IS
 RECOMMENDED--CONSULT THE TERMS
 LISTED BELOW)*
 RT ACCELERATING AGENTS
 CYCLOPS PLASMA ACCELERATOR
 ELECTRON ACCELERATORS
 GEOCYCLOTRONS
 HALL ACCELERATORS
 HYPERVELOCITY GUNS
 LINEAR ACCELERATORS
 PARTICLE ACCELERATORS
 PLASMA ACCELERATORS
 STORAGE RINGS (PARTICLE
 ACCELERATORS)
 SYNCHROPHASOTRONS
 VAN DE GRAAFF ACCELERATORS

ACCELEROMETERS

GS MEASURING INSTRUMENTS
 . **ACCELEROMETERS**
 . . STRAIN GAGE ACCELEROMETERS
 RT ACCELERATION (PHYSICS)
 GRAVIMETERS
 GRAVIMETRY
 GYROSCOPIC PENDULUMS
 MECHANICAL MEASUREMENT
 PENDULUMS
 SEISMOGRAPHS
 SHOCK MEASURING INSTRUMENTS
 SPEED INDICATORS
 THRUST MEASUREMENT
 VELOCITY MEASUREMENT
 VIBRATION METERS

ACCEPTABILITY

UF ACCEPTANCE
 RT ACCELERATED LIFE TESTS
 COMPATIBILITY
 EVALUATION
 EXAMINATION
 FIGURE OF MERIT
 INSPECTION
 PERFORMANCE TESTS
 PROVING
 QUALITY CONTROL
 REJECTION
 RELIABILITY
 RISK
 SAMPLES
 STANDARDS
 SUITABILITY
 ∞ TESTS
 TOLERANCES (MECHANICS)
 VALIDITY

ACCEPTANCE

USE ACCEPTABILITY

ACCEPTOR MATERIALS

ACCEPTOR MATERIALS

- GS SEMICONDUCTORS (MATERIALS)
- . ACCEPTOR MATERIALS
- RT CARRIER DENSITY (SOLID STATE)
- ELECTRONS
- HOLES (ELECTRON DEFICIENCIES)

ACCESS CONTROL

- RT COMMUNICATION NETWORKS
- DATA TRANSMISSION
- MULTIPLE ACCESS
- MULTIPLEXING
- RADIO COMMUNICATION
- TELECOMMUNICATION

ACCESS TIME

- GS TIME
- . ACCESS TIME
- RT DATA PROCESSING
- RATES (PER TIME)
- TIME CONSTANT
- ∞ TIME RESPONSE

ACCESSORIES

- UF ATTACHMENTS
- RT ∞ COMPONENTS
- EXTENSIONS
- FITTINGS
- INSERTS
- SUBASSEMBLIES

ACCIDENT INVESTIGATION

- GS INVESTIGATION
- . ACCIDENT INVESTIGATION
- . . AIRCRAFT ACCIDENT INVESTIGATION
- RT ACCIDENTS
- AUTOMOBILE ACCIDENTS
- WRECKAGE

ACCIDENT PREVENTION

- UF PRECAUTIONS
- GS PREVENTION
- . ACCIDENT PREVENTION
- RT ACCIDENTS
- AIR BAG RESTRAINT DEVICES
- AUTOMOBILE ACCIDENTS
- AVOIDANCE
- FIRE PREVENTION
- HAZARDS
- PROTECTION
- SAFETY
- SAFETY DEVICES
- SAFETY MANAGEMENT
- WARNING
- WARNING SYSTEMS

ACCIDENT PRONENESS

- RT SAFETY DEVICES
- SAFETY FACTORS

ACCIDENTS

- GS ACCIDENTS
- . BIRD-AIRCRAFT COLLISIONS
- RT ACCIDENT INVESTIGATION
- ACCIDENT PREVENTION
- AIR BAG RESTRAINT DEVICES
- AIRCRAFT ACCIDENTS
- AUTOMOBILE ACCIDENTS
- CRASH INJURIES
- CRASHES
- DESTRUCTION
- DISASTERS
- EMERGENCIES
- EXPLOSIONS
- FIRES
- FIRST AID
- HAZARDS
- INDUSTRIAL SAFETY
- INJURIES
- SABOTAGE
- SAFETY
- SAFETY DEVICES
- TRAFFIC
- WRECKAGE

ACCLIMATIZATION

- UF DEACCLIMATIZATION
- GS ADAPTATION
- . ACCLIMATIZATION
- . . ALTITUDE ACCLIMATIZATION
- . . COLD ACCLIMATIZATION
- . . HEAT ACCLIMATIZATION
- RT HOMEOSTASIS
- LIQUID BREATHING
- STRESS (PHYSIOLOGY)

ACCLIMATIZATION-(CONT.)

TOLERANCES (PHYSIOLOGY)

ACCOMMODATION

- RT ADAPTATION
- CORRECTION
- EYE (ANATOMY)
- FOCUSING
- VISUAL ACCOMMODATION

ACCOMMODATION COEFFICIENT

- UF THERMAL ACCOMMODATION
- COEFFICIENTS
- GS COEFFICIENTS
- . ACCOMMODATION COEFFICIENT
- RT HEAT TRANSFER COEFFICIENTS

ACCORDION PROJECT

- GS PROGRAMS
- . ACCORDION PROJECT
- RT AIR NAVIGATION
- ATLANTIC OCEAN
- CANADA
- COMMERCIAL AIRCRAFT
- FLIGHT PATHS
- NAVIGATION AIDS

ACCRETION

- USE DEPOSITION

ACCUMULATIONS

- RT ACQUISITION
- AGGLOMERATION
- ASSEMBLIES
- COAGULATION
- COLLECTION
- CONCENTRATING
- DEPOSITION
- FILLING
- GROWTH
- INCREASING
- INPUT
- NUCLEATION
- SETTLING
- STOCKPILING

ACCUMULATORS

- UF COLLECTORS
- GS ACCUMULATORS
- . ACCUMULATORS (COMPUTERS)
- . DUST COLLECTORS
- . SOLAR COLLECTORS
- . . SOLAR REFLECTORS
- RT ANODES
- CONCENTRATORS
- ENTRAPMENT
- FUEL SYSTEMS
- PRESSURE VESSELS
- PRESSURIZING

ACCUMULATORS (COMPUTERS)

- GS ACCUMULATORS
- . ACCUMULATORS (COMPUTERS)
- PERIPHERAL EQUIPMENT (COMPUTERS)
- . ACCUMULATORS (COMPUTERS)
- RT ADDING CIRCUITS
- COUNTERS
- ∞ EQUIPMENT

ACCURACY

- UF ERROR BAND
- FIDELITY
- RT ANGULAR RESOLUTION
- CALIBRATING
- CONSISTENCY
- CORRECTION
- ∞ DEFINITION
- DRIFT (INSTRUMENTATION)
- DYNAMIC CHARACTERISTICS
- ERRORS
- HIGH RESOLUTION
- HYSTERESIS
- LINEARITY
- ∞ MEASUREMENT
- MISS DISTANCE
- PRECISION
- QUALITY
- RANGE ERRORS
- RELIABILITY
- RESOLUTION
- SEQUENTIAL CONTROL
- STANDARDS
- SURVEYS
- ∞ TESTS
- TOLERANCES (MECHANICS)

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ACCURACY-(CONT.)

- VALIDITY
- VIRTUAL PROPERTIES

ACETALDEHYDE

- GS ALDEHYDES
- . ACETALDEHYDE
- ALIPHATIC COMPOUNDS
- . ACETALDEHYDE

ACETALS

- GS ALIPHATIC COMPOUNDS
- . ACETALS
- ETHERS
- . ACETALS

ACETANILIDE

- UF PHENACETIN
- GS NITROGEN COMPOUNDS
- . ACETANILIDE

ACETATES

- GS ACETATES
- . COBALT ACETATES
- . LEAD ACETATES
- . NITROSYL TRIFLUOROACETATE
- . SODIUM CHLORODIFLUOROACETATES
- . TRIACETIN
- RT ACETIC ACID
- ACETYSALICYLIC ACID
- ALIPHATIC COMPOUNDS
- ESTERS
- ETHYLENEDIAMINETETRAACETIC ACIDS

ACETATION

- USE ACETYLATION

ACETAZOLAMIDE

- GS HETEROCYCLIC COMPOUNDS
- . AZOLES
- . ACETAZOLAMIDE
- RT CARBONIC ANHYDRASE
- DIURETICS

ACETIC ACID

- GS ACIDS
- . FATTY ACIDS
- . . CARBOXYLIC ACIDS
- . . . ACETIC ACID
- ETHYLENEDIAMINETETRAACETIC ACIDS
- VERSENE
- IODOACETIC ACID
- ALIPHATIC COMPOUNDS
- . FATTY ACIDS
- . ACETIC ACID
- . . ETHYLENEDIAMINETETRAACETIC ACIDS
- VERSENE
- IODOACETIC ACID
- ORGANIC COMPOUNDS
- . FATTY ACIDS
- . ACETIC ACID
- . . ETHYLENEDIAMINETETRAACETIC ACIDS
- VERSENE
- IODOACETIC ACID
- RT ACETATES
- ACETYL COMPOUNDS
- TRIACETIN

ACETONE

- GS ALIPHATIC COMPOUNDS
- . KETONES
- . ACETONE
- RT ACETYLACETONE
- PENTANONE

ACETYL COMPOUNDS

- GS ALIPHATIC COMPOUNDS
- . ACETYL COMPOUNDS
- RT ACETIC ACID
- ACETYLATION
- ALDEHYDES
- ∞ COMPOUNDS
- ESTERS
- ORGANIC COMPOUNDS

ACETYLACETONE

- GS ALIPHATIC COMPOUNDS
- . KETONES
- . ACETYLACETONE
- RT ACETONE
- PENTANONE

ACETYLATION

UF ACETATION
 GS CHEMICAL REACTIONS
 . ACYLATION
 . . **ACETYLATION**
 RT ACETYL COMPOUNDS

ACETYLENE

GS ALIPHATIC COMPOUNDS
 . ALKYNES
 . . **ACETYLENE**
 HYDROCARBONS
 . **ACETYLENE**
 RT HYDROCARBON FUELS
 OXYACETYLENE

ACETYSALICYLIC ACID

UF ASA
 GS ACIDS
 . FATTY ACIDS
 . . CARBOXYLIC ACIDS
 . . . **ACETYSALICYLIC ACID**
 RT ACETATES
 SALICYLATES

ACHIEVEMENT

RT COMPLETENESS
 GOALS
 LEARNING

ACHONDrites

GS CELESTIAL BODIES
 . METEORITES
 . . STONY METEORITES
 . . . **ACHONDrites**
 BONDOLC METEORITE
 DYALPUR METEORITE
 KAPOETA ACHONDRITE
 NORTON COUNTY ACHONDRITE
 RT CHONDrites
 IRON METEORITES

ACID BASE EQUILIBRIUM

GS CHEMICAL EQUILIBRIUM
 . **ACID BASE EQUILIBRIUM**
 RT ∞ EQUILIBRIUM
 HOMEOSTASIS
 PH
 PH FACTOR
 STABILIZATION
 THERMODYNAMIC EQUILIBRIUM

ACID RAIN

GS PRECIPITATION (METEOROLOGY)
 . RAIN
 . . **ACID RAIN**
 RT AIR POLLUTION
 ATMOSPHERIC CHEMISTRY
 ATMOSPHERIC MOISTURE
 CLOUDS (METEOROLOGY)
 DEW
 METEOROLOGY
 PH
 RAINSTORMS
 SNOW
 SULFUR OXIDES

ACIDITY

GS CHEMICAL PROPERTIES
 . **ACIDITY**
 RT HYDROGEN IONS
 ION CONCENTRATION
 PH
 TITRATION

ACIDOSIS

RT ALKALOSIS
 HYPERVENTILATION
 PH
 PH FACTOR
 TOXICITY

ACIDS

GS **ACIDS**
 . AMINO ACIDS
 . . ALANINE
 . . . PHENYLALANINE
 . . ASPARTIC ACID
 . . CYSTEINE
 . . FOLIC ACID
 . . GLUTAMIC ACID
 . . GLUTAMINE
 . . GLUTATHIONE
 . . GLYCINE

ACIDS-(CONT.)

. . HIPURIC ACID
 . . HISTIDINE
 . . LEUCINE
 . . . NORLEUCINE
 . . LYSINE
 . . MELANOIDIN
 . . METHIONINE
 . . PAPAIN
 . . PEPTIDES
 . . . HYPERTENSIN
 . . . PROTOPROTEINS
 . . PYRIDINE NUCLEOTIDES
 . . PYRUVATES
 . . THYROXINE
 . . TRYPTOPHAN
 . . URIDYLIC ACID
 . . AMOBARBITAL
 . . ASCORBIC ACID
 . . BORIC ACIDS
 . . BUTYRIC ACID
 . . CARBONIC ACID
 . . CHROMIC ACID
 . . CYANURIC ACID
 . . CYTIDYLIC ACID
 . . FATTY ACIDS
 . . . CARBOXYLIC ACIDS
 . . . ACETIC ACID
 ETHYLENEDIAMINETETRAACETIC ACIDS
 VERSENE
 IODOACETIC ACID
 ACETYSALICYLIC ACID
 BENZILIC ACID
 BENZOIC ACID
 DICARBOXYLIC ACIDS
 TEREPHTHALATE
 OLEIC ACID
 PROPIONIC ACID
 SEBACIC ACID
 VALERIC ACID
 LIPOIC ACID
 PALMITIC ACID
 HYDRAZOIC ACID
 HYDROBROMIC ACID
 HYDROCHLORIC ACID
 HYDROCYANIC ACID
 HYDROFLUORIC ACID
 NITRIC ACID
 NUCLEIC ACIDS
 DEOXYRIBONUCLEIC ACID
 GUANOSINES
 RIBONUCLEIC ACIDS
 URIDYLIC ACID
 OXIDASE
 PERCHLORIC ACID
 PHOSPHORIC ACID
 SULFONIC ACID
 SULFURIC ACID
 THYMINE
 THYMININE
 URIC ACID
 XANTHIC ACIDS
 RT ADRENOCORTICOTROPIN (ACTH)
 ANHYDRIDES
 HYDROGEN COMPOUNDS
 INORGANIC COMPOUNDS
 ORGANIC COMPOUNDS
 ∞ OXYGEN COMPOUNDS

ACOUSTIC ATTENUATION

GS ATTENUATION
 . **ACOUSTIC ATTENUATION**
 . . SHOCK WAVE ATTENUATION
 RT ACOUSTICS
 ANECHOIC CHAMBERS
 ATMOSPHERIC ATTENUATION
 BIOACOUSTICS
 NOISE REDUCTION
 SOUND AMPLIFICATION
 WAVE PROPAGATION
 ZERO SOUND

ACOUSTIC COMBUSTION

USE COMBUSTION STABILITY

ACOUSTIC DELAY LINES

UF SONIC WAVEGUIDES
 GS DELAY LINES
 . **ACOUSTIC DELAY LINES**
 RT COMPUTER STORAGE DEVICES
 DELAY CIRCUITS
 SURFACE ACOUSTIC WAVE DEVICES
 TRANSMISSION LINES

ACOUSTIC DUCTS

GS DUCTS
 . **ACOUSTIC DUCTS**
 RT NOISE REDUCTION
 SPATIAL MARCHING

ACOUSTIC EMISSION

GS DECAY
 . **ACOUSTIC EMISSION**
 RT ACOUSTIC MEASUREMENT
 CRACK PROPAGATION
 FAILURE ANALYSIS
 FATIGUE TESTING MACHINES
 STRESS WAVES

ACOUSTIC EXCITATION

GS EXCITATION
 . WAVE EXCITATION
 . . **ACOUSTIC EXCITATION**
 RT ACOUSTICS
 SOUND AMPLIFICATION

ACOUSTIC FATIGUE

GS HEARING
 . **ACOUSTIC FATIGUE**
 RT ACOUSTICS

ACOUSTIC GENERATORS

USE SOUND GENERATORS

ACOUSTIC IMPEDANCE

GS ACOUSTIC PROPERTIES
 . **ACOUSTIC IMPEDANCE**
 IMPEDANCE
 . **ACOUSTIC IMPEDANCE**
 RT ACOUSTICS

ACOUSTIC INSTABILITY

GS ACOUSTIC PROPERTIES
 . **ACOUSTIC INSTABILITY**
 STABILITY
 . **ACOUSTIC INSTABILITY**
 RT SIGNAL FADING

ACOUSTIC LEVITATION

GS LEVITATION
 . **ACOUSTIC LEVITATION**
 RT BUOYANCY
 SPACE PROCESSING

ACOUSTIC MEASUREMENT

SN (MEASUREMENT OF PROPERTIES,
 QUANTITIES OR CONDITIONS
 ASSOCIATED WITH
 ELASTIC WAVES)
 UF SOUND MEASUREMENT
 GS **ACOUSTIC MEASUREMENT**
 . NOISE MEASUREMENT
 RT ACOUSTIC EMISSION
 ANECHOIC CHAMBERS
 AUDIO FREQUENCIES
 AUDIOMETRY
 CEPSTRAL ANALYSIS
 EFFECTIVE PERCEIVED NOISE LEVELS
 FREQUENCY MEASUREMENT
 ∞ MEASUREMENT
 MECHANICAL MEASUREMENT
 NOISE METERS
 SEISMOGRAPHS
 SOUND PRESSURE
 SOUND WAVES
 ULTRASONIC TESTS

ACOUSTIC MICROSCOPES

UF SCANNING LASER ACOUSTIC
 MICROSCOPE (SLAM)
 GS MICROSCOPES
 . **ACOUSTIC MICROSCOPES**
 RT ACOUSTIC PROPAGATION
 IMAGING TECHNIQUES
 MICROWAVE FREQUENCIES
 OPTICAL EQUIPMENT
 WAVE PROPAGATION

ACOUSTIC NOZZLES

RT ∞ NOZZLES
 SONIC NOZZLES
 SOUND GENERATORS

ACOUSTIC PROPAGATION

GS TRANSMISSION
 . **ACOUSTIC PROPAGATION**
 RT ACOUSTIC MICROSCOPES
 ACOUSTICAL HOLOGRAPHY
 ACOUSTICS

ACOUSTIC PROPERTIES

ACOUSTIC PROPAGATION-(CONT.)

ELASTIC WAVES
 ∞ PROPAGATION
 SOUND PROPAGATION

ACOUSTIC PROPERTIES

GS ACOUSTIC PROPERTIES
 . ACOUSTIC IMPEDANCE
 . ACOUSTIC INSTABILITY
 . ACOUSTIC SCATTERING
 . . REVERBERATION
 . ACOUSTIC VELOCITY
 . SOUND INTENSITY
 . . ZERO SOUND
 RT FIELD STRENGTH
 LAMB WAVES
 MECHANICAL PROPERTIES
 ∞ PHYSICAL PROPERTIES
 ∞ PROPERTIES
 ∞ RESISTANCE
 SOUND WAVES
 WAVE DISPERSION

ACOUSTIC RADIATION

USE SOUND WAVES

ACOUSTIC RETROFITTING

GS RETROFITTING
 . ACOUSTIC RETROFITTING
 RT ABSORBERS (MATERIALS)
 AERODYNAMIC NOISE
 AIRCRAFT DESIGN
 AIRCRAFT NOISE
 JET AIRCRAFT NOISE
 MUFFLERS
 NOISE REDUCTION
 VIBRATION ISOLATORS

ACOUSTIC SCATTERING

GS ACOUSTIC PROPERTIES
 . ACOUSTIC SCATTERING
 . . REVERBERATION
 SCATTERING
 . WAVE SCATTERING
 . . ACOUSTIC SCATTERING
 . . . REVERBERATION
 RT ACOUSTIC SOUNDING
 ACOUSTICS
 DEEP SCATTERING LAYERS
 RECIPROCITY THEOREM
 SODAR
 SOUND DETECTING AND RANGING
 UNDERWATER ACOUSTICS

ACOUSTIC SIMULATION

GS SIMULATION
 . ENVIRONMENT SIMULATION
 . . ACOUSTIC SIMULATION
 RT ELASTIC WAVES
 FLIGHT SIMULATION

ACOUSTIC SOUNDING

GS SOUNDING
 . ACOUSTIC SOUNDING
 RT ACOUSTIC SCATTERING
 ACOUSTICS
 EARTH ATMOSPHERE
 METEOROLOGY
 ROCKET SOUNDING
 ROCKET VEHICLES
 SOUNDING ROCKETS
 ULTRASONIC TESTS
 UNDERGROUND ACOUSTICS
 UPPER ATMOSPHERE

ACOUSTIC STABILITY

USE FREQUENCY STABILITY

ACOUSTIC STREAMING

RT FLUID FLOW
 FLUID SWITCHING ELEMENTS
 FRAGMENTATION
 SOUND WAVES
 STREAMLINING

ACOUSTIC VELOCITY

UF SONIC SPEED
 SOUND BARRIER
 SOUND VELOCITY
 GS ACOUSTIC PROPERTIES
 . ACOUSTIC VELOCITY
 RATES (PER TIME)
 . ACOUSTIC VELOCITY
 VELOCITY

ACOUSTIC VELOCITY-(CONT.)

ACOUSTIC VELOCITY
 RT ∞ BARRIERS
 EXHAUST VELOCITY
 GUTENBERG ZONE
 MACH CONES
 MACH NUMBER
 SONIC BOOMS
 SOUND PRESSURE
 SUBSONIC SPEED
 SUPERSONIC SPEEDS
 TRANSONIC SPEED

ACOUSTIC VIBRATIONS

USE SOUND WAVES

ACOUSTICAL HOLOGRAPHY

UF SONOHOLOGRAPHY
 SOUND HOLOGRAPHY
 GS IMAGERY
 . HOLOGRAPHY
 . . ACOUSTICAL HOLOGRAPHY
 PHOTOGRAPHY
 . HOLOGRAPHY
 . . ACOUSTICAL HOLOGRAPHY
 RT ACOUSTIC PROPAGATION
 IMAGING TECHNIQUES
 SOUND WAVES
 WAVE FRONT RECONSTRUCTION

ACOUSTICS

UF SOUND
 GS ACOUSTICS
 . AEROACOUSTICS
 . BIOACOUSTICS
 . GEOMETRICAL ACOUSTICS
 . MAGNETOACOUSTICS
 . MICROSONICS
 . PSYCHOACOUSTICS
 . UNDERWATER ACOUSTICS
 RT ACOUSTIC ATTENUATION
 ACOUSTIC EXCITATION
 ACOUSTIC FATIGUE
 ACOUSTIC IMPEDANCE
 ACOUSTIC PROPAGATION
 ACOUSTIC SCATTERING
 ACOUSTIC SOUNDING
 ANECHOIC CHAMBERS
 ARCHITECTURE
 AUDITORY PERCEPTION
 AUDITORY STIMULI
 AUDITORY TASKS
 COMFORT
 EARPHONES
 ECHOES
 EFFECTIVE PERCEIVED NOISE LEVELS
 ELASTIC WAVES
 HARMONIC EXCITATION
 HARMONIC GENERATIONS
 HARMONIC OSCILLATION
 HARMONICS
 HUM
 INFRASONIC FREQUENCIES
 LAMB WAVES
 LAME WAVE EQUATIONS
 LOUDNESS
 NOISE (SOUND)
 NOISE POLLUTION
 NOISE PROPAGATION
 NOISE REDUCTION
 OCTAVES
 OPACITY
 PHONETICS
 POWER SPECTRA
 SIMPLE HARMONIC MOTION
 SONIC ANEMOMETERS
 SOUND AMPLIFICATION
 SOUND FIELDS
 SOUND PROPAGATION
 SOUND TRANSMISSION
 SOUND WAVES
 SPEECH
 ULTRASONIC CLEANING
 ULTRASONIC SCANNERS
 ULTRASONICS
 VERBAL COMMUNICATION
 VIBRATION
 VIBRATION DAMPING
 VOICE COMMUNICATION
 ZERO SOUND

ACousto-OPTICS

RT CRYSTAL OPTICS
 ELECTRO-OPTICS
 GEOMETRICAL OPTICS

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ACOUSTO-OPTICS-(CONT.)

IMAGERY
 MAGNETO-OPTICS
 OPTICAL PROPERTIES
 ∞ OPTICS

ACPL (SPACELAB)

USE ATMOSPHERIC CLOUD PHYSICS LAB
 (SPACELAB)

ACQUISITION

GS ACQUISITION
 . DATA ACQUISITION
 . TARGET ACQUISITION
 RT ACCUMULATIONS
 COLLECTION
 DETECTION
 DOCUMENTATION
 ∞ RECEIVING
 RECOGNITION

ACRIFLAVINE

GS HETEROCYCLIC COMPOUNDS
 . ACRIFLAVINE
 RT ANTISEPTICS
 DYES

ACROBATICS

RT FLIGHT CONTROL
 MANEUVERS

ACROLEINS

GS ALDEHYDES
 . ACROLEINS
 ALIPHATIC COMPOUNDS
 . ACROLEINS
 RT TOXICITY AND SAFETY HAZARD

ACRYLATES

GS ALIPHATIC COMPOUNDS
 . ACRYLATES
 ESTERS
 . ACRYLATES
 RT RESINS

ACRYLIC ACID

GS ALIPHATIC COMPOUNDS
 . ACRYLIC ACID

ACRYLIC RESINS

UF METHACRYLATE RESINS
 POLYACRYLATES
 GS PLASTICS
 . SYNTHETIC RESINS
 . . ADDITION RESINS
 . . . ACRYLIC RESINS
 RESINS
 . ACRYLIC RESINS
 RT LATEX
 THERMOPLASTIC RESINS

ACRYLONITRILES

UF VINYL CYANIDE
 GS ALIPHATIC COMPOUNDS
 . ACRYLONITRILES
 NITRILES
 . ACRYLONITRILES
 RT PLASTICS

ACTH

USE ADRENOCORTICOTROPIN (ACTH)

ACTINIDE SERIES

GS CHEMICAL ELEMENTS
 . ACTINIDE SERIES
 . . ACTINIUM
 . . . RADIUM
 . . . RADIUM ISOTOPES
 . . . RADIUM 226
 . . THORIUM
 . . . THORIUM ISOTOPES
 . . TRANSURANIUM ELEMENTS
 . . AMERICIUM
 . . . AMERICIUM ISOTOPES
 . . . AMERICIUM 241
 . . . BERKELIUM
 . . . CALIFORNIUM
 . . . CALIFORNIUM ISOTOPES
 . . . CURIUM
 . . . CURIUM ISOTOPES
 . . . CURIUM 242
 . . . CURIUM 244
 . . . EINSTEINIUM
 . . . FERMIUM

ACTINIDE SERIES-(CONT.)

... LAWRENCIUM
 ... MENDELEVIUM
 ... NEPTUNIUM
 ... NEPTUNIUM ISOTOPES
 ... NOBELIUM
 ... PLUTONIUM
 ... PLUTONIUM ISOTOPES
 ... PLUTONIUM 238
 ... PLUTONIUM 239
 ... PLUTONIUM 240
 ... PLUTONIUM 241
 ... PLUTONIUM 244
 ... SERGENIUM
 ... URANIUM
 ... URANIUM ISOTOPES
 ... URANIUM 232
 ... URANIUM 233
 ... URANIUM 234
 ... URANIUM 235
 ... URANIUM 238
 ... URANIUM PLASMAS

METALS**ACTINIDE SERIES**

... ACTINIUM
 ... RADIUM
 ... RADIUM ISOTOPES
 ... RADIUM 226
 ... THORIUM
 ... THORIUM ISOTOPES
 ... TRANSURANIUM ELEMENTS
 ... AMERICIUM
 ... AMERICIUM ISOTOPES
 ... AMERICIUM 241
 ... BERKELIUM
 ... CALIFORNIUM
 ... CALIFORNIUM ISOTOPES
 ... CURIUM
 ... CURIUM ISOTOPES
 ... CURIUM 242
 ... CURIUM 244
 ... EINSTEINIUM
 ... FERMIO
 ... LAWRENCIUM
 ... MENDELEVIUM
 ... NEPTUNIUM
 ... NEPTUNIUM ISOTOPES
 ... NOBELIUM
 ... PLUTONIUM
 ... PLUTONIUM ISOTOPES
 ... PLUTONIUM 238
 ... PLUTONIUM 239
 ... PLUTONIUM 240
 ... PLUTONIUM 241
 ... PLUTONIUM 244
 ... SERGENIUM
 ... URANIUM
 ... URANIUM ISOTOPES
 ... URANIUM 232
 ... URANIUM 233
 ... URANIUM 234
 ... URANIUM 235
 ... URANIUM 238
 ... URANIUM PLASMAS
 RT RADIOACTIVE ISOTOPES
 RADIOACTIVE MATERIALS
 TRANSITION METALS

ACTINIDE SERIES COMPOUNDS

GS **ACTINIDE SERIES COMPOUNDS**
 ... CURIUM COMPOUNDS
 ... NEPTUNIUM COMPOUNDS
 ... PLUTONIUM COMPOUNDS
 ... PLUTONIUM FLUORIDES
 ... PLUTONIUM OXIDES
 ... THORIUM COMPOUNDS
 ... THORIUM FLUORIDES
 ... THORIUM OXIDES
 ... URANIUM COMPOUNDS
 ... URANIUM CARBIDES
 ... URANIUM FLUORIDES
 ... URANIUM OXIDES
 RT ∞ GROUP 3B COMPOUNDS

ACTINIUM

GS CHEMICAL ELEMENTS
 ... ACTINIDE SERIES
 ... **ACTINIUM**
 METALS
 ... ACTINIDE SERIES
 ... **ACTINIUM**

ACTINOGRAPHS

USE ACTINOMETERS

ACTINOMETERS

UF ACTINOGRAPHS
 EMISSOGRAPHS
 GS MEASURING INSTRUMENTS
 ... RADIATION MEASURING INSTRUMENTS
 ... **ACTINOMETERS**
 ... INFRARED SPECTROMETERS
 ... PYRANOMETERS
 ... RADIOMETERS
 ... DICKE RADIOMETERS
 ... INFRARED DETECTORS
 ... INFRARED SCANNERS
 ... MICROWAVE RADIOMETERS
 ... PASSIVE L-BAND RADIOMETERS
 ... PRESSURE MODULATOR
 ... RADIOMETERS
 ... SPECTRORADIOMETERS
 ... SOLAR SPECTROMETERS
 ... SPECTROHELIOGRAPHS
 ... SPECTROPHOTOMETERS
 ... INFRARED
 ... SPECTROPHOTOMETERS
 ... ULTRAVIOLET
 ... SPECTROPHOTOMETERS
 ... ULTRAVIOLET SPECTROMETERS
 RT DOSIMETERS
 FABRY-PEROT SPECTROMETERS
 FIELD INTENSITY METERS
 SPECTROMETERS

ACTINOMYCETES

GS FUNGI
 ... **ACTINOMYCETES**
 MICROORGANISMS
 ... BACTERIA
 ... **ACTINOMYCETES**

ACTINOMYCIN

GS DRUGS
 ... ANTIBIOTICS
 ... **ACTINOMYCIN**
 STEROIDS
 ... **ACTINOMYCIN**

ACTIVATED CARBON

GS CHEMICAL ELEMENTS
 ... CARBON
 ... CHARCOAL
 ... **ACTIVATED CARBON**
 FUELS
 ... **ACTIVATED CARBON**
 RT ∞ ABSORPTION
 FILTRATION
 HEMOPERFUSION
 WATER TREATMENT

ACTIVATED SLUDGE

GS SLUDGE
 ... **ACTIVATED SLUDGE**
 RT BIODEGRADATION
 HUMAN WASTES
 METABOLIC WASTES
 SEWAGE
 WASTES

ACTIVATION

RT ACTUATION
 CATALYSIS
 DEACTIVATION
 ELECTROMAGNETIC ABSORPTION
 EXCITATION
 FLOTATION
 INITIATION
 IONIZATION POTENTIALS
 IRRADIATION
 SENSITIZING
 STARTING
 STIMULATION

ACTIVATION (BIOLOGY)

RT ACTIVATION ENERGY
 ∞ CELLS
 ENZYMES
 STIMULATION

ACTIVATION ANALYSIS

GS **ACTIVATION ANALYSIS**
 ... NEUTRON ACTIVATION ANALYSIS
 RT ∞ ANALYZING

ACTIVATION ENERGY

RT ACTIVATION (BIOLOGY)
 ELECTRON ENERGY
 ∞ ENERGY
 HEAT

ACTIVATION ENERGY-(CONT.)

NUCLEAR BINDING ENERGY
 NUCLEAR CAPTURE
 PROTON ENERGY
 ROTONS
 SURFACE ENERGY

ACTIVE CONTROL

GS AUTOMATIC CONTROL
 ... ADAPTIVE CONTROL
 ... **ACTIVE CONTROL**
 RT AIRCRAFT CONTROL
 ∞ CONTROL
 INTERACTIVE CONTROL
 SELF ADAPTIVE CONTROL SYSTEMS
 SELF ALIGNMENT
 SERVOMECHANISMS

ACTIVE GLACIERS

USE GLACIERS

ACTIVE SATELLITES

GS SATELLITES
 ... ARTIFICIAL SATELLITES
 ... **ACTIVE SATELLITES**
 ... SYNCOM SATELLITES
 ... EARLY BIRD SATELLITES
 ... SYNCOM 1 SATELLITE
 ... SYNCOM 2 SATELLITE
 ... SYNCOM 3 SATELLITE
 ... EARTH SATELLITES
 ... **ACTIVE SATELLITES**
 ... SYNCOM SATELLITES
 ... EARLY BIRD SATELLITES
 ... SYNCOM 1 SATELLITE
 ... SYNCOM 2 SATELLITE
 ... SYNCOM 3 SATELLITE
 RT ADVENT PROJECT
 EXPLORER 29 SATELLITE
 EXPLORER 36 SATELLITE
 GEODETIC SATELLITES
 GEOS 1 SATELLITE
 GEOS 2 SATELLITE
 GEOS 3 SATELLITE
 NAVIGATION SATELLITES
 NAVSTAR SATELLITES
 PASSIVE SATELLITES
 SYNCHRONOUS SATELLITES

ACTIVE VOLCANOES

USE VOLCANOES

∞ ACTIVITY

SN *(USE OF A MORE SPECIFIC TERM IS
 RECOMMENDED--CONSULT THE TERMS
 LISTED BELOW)*
 RT ACTIVITY (BIOLOGY)
 EXTRAVEHICULAR ACTIVITY
 FACULAE
 INTRAVEHICULAR ACTIVITY
 RADIOACTIVITY
 SOLAR ACTIVITY

ACTIVITY (BIOLOGY)

UF BIOLOGICAL ACTIVITY
 RT ∞ ACTIVITY
 BIOLOGICAL EFFECTS
 CATALYTIC ACTIVITY

ACTIVITY CYCLES (BIOLOGY)

GS CYCLES
 ... **ACTIVITY CYCLES (BIOLOGY)**
 RT CIRCADIAN RHYTHMS
 PHENOLOGY
 RHYTHM (BIOLOGY)

ACTUATION

RT ACTIVATION
 ACTUATORS
 EXCITATION
 INITIATION
 MUTATION
 SENSITIZING
 STARTING
 STIMULATION

ACTUATOR DISKS

GS DISKS (SHAPES)
 ... **ACTUATOR DISKS**
 RT ∞ DISKS
 ∞ FANS
 PROPELLERS

ACTUATORS

ACTUATORS

UF CARTRIDGE ACTUATED DEVICES
HYDRAULIC ACTUATORS
TRIGGERS

RT ACTUATION
AIRCRAFT HYDRAULIC SYSTEMS
AUTOMATIC CONTROL VALVES
CAMS
CONTROL VALVES
CONTROLLERS
EXPLOSIVE DEVICES
INSTRUMENTS
MISSILE CONTROL
PROPELLANT ACTUATED INSTRUMENTS
REGULATORS
SERVOMECHANISMS
SERVOMOTORS
SHAPE CONTROL
SOLENOIDS
STARTERS
STEPPING MOTORS
TORQUE MOTORS

ACUITY

GS ACUITY
. VISUAL ACUITY
. HYPEROPIA

RT ADAPTATION
DISCRIMINATION
FREQUENCY RESPONSE
PERCEPTION
SENSITIVITY
THRESHOLDS (PERCEPTION)

ACYLATION

GS CHEMICAL REACTIONS
. ACYLATION
. ACETYLATION

RT FRIEDEL-CRAFT REACTION

AD-A SATELLITE

USE EXPLORER 19 SATELLITE

AD/I B

USE EXPLORER 25 SATELLITE

AD/I SATELLITE

USE EXPLORER 24 SATELLITE

ADAPTATION

GS ADAPTATION
. ACCLIMATIZATION
. ALTITUDE ACCLIMATIZATION
. COLD ACCLIMATIZATION
. HEAT ACCLIMATIZATION
. DESERT ADAPTATION
. RETINAL ADAPTATION
. DARK ADAPTATION
. LIGHT ADAPTATION

RT ACCOMMODATION
ACUITY
CORRECTION
FITTING
HIBERNATION
HOMEOSTASIS
PERCEPTION
REACTION TIME
RETRAINING
SENSITIVITY
THRESHOLDS (PERCEPTION)
VISION

ADAPTERS

GS ADAPTERS
. MULTIPLE DOCKING ADAPTERS

RT CONNECTORS
EXTENSIONS
FITTINGS
JOINTS (JUNCTIONS)

ADAPTIVE CONTROL

UF ADAPTIVE CONTROL SYSTEMS

GS AUTOMATIC CONTROL
. ADAPTIVE CONTROL
. ACTIVE CONTROL
. LEARNING MACHINES
. SELF ADAPTIVE CONTROL SYSTEMS

RT AUTOMATA THEORY
AUTONOMY
CONTROL
CONTROL THEORY
CYBERNETICS
DYNAMIC CONTROL
FEEDBACK CONTROL
FEEDFORWARD CONTROL

ADAPTIVE CONTROL-(CONT.)

OPTIMAL CONTROL
SELF ALIGNMENT

ADAPTIVE CONTROL SYSTEMS

USE ADAPTIVE CONTROL

ADAPTIVE FILTERS

RT BANDPASS FILTERS
ELECTRIC FILTERS
ELECTROMAGNETIC WAVE FILTERS

IN FILTERS
LINEAR FILTERS
OPTICAL FILTERS
TRACKING FILTERS

ADAPTIVE OPTICS

RT ATMOSPHERIC OPTICS
COMPUTER TECHNIQUES
FEEDBACK CONTROL
IMAGING TECHNIQUES
INSTRUMENT COMPENSATION
OPTICAL CORRECTION PROCEDURE
OPTICAL TRANSFER FUNCTION

IN OPTICS
SELF ADAPTIVE CONTROL SYSTEMS

ADDERS (CIRCUITS)

USE ADDING CIRCUITS

ADDING CIRCUITS

UF ADDERS (CIRCUITS)
BINARY SUMMATORS

GS CIRCUITS
. ADDING CIRCUITS

RT ACCUMULATORS (COMPUTERS)
BINARY INTEGRATION
COMPUTER COMPONENTS
LOGIC CIRCUITS

ADDISONS DISEASE

GS DISEASES
. ADDISONS DISEASE

RT ANEMIAS
TUBERCULOSIS

ADDITION

RT ADDITION THEOREM
AMOUNT
ARITHMETIC
COMPUTATION
NUMBER THEORY
RESTORATION

ADDITION RESINS

SN (CARBON CHAIN POLYMERS--FOR
HETEROATOM CHAIN POLYMERS, USE
POLYETHER RESINS)

GS PLASTICS
. SYNTHETIC RESINS
. ADDITION RESINS
. ACRYLIC RESINS
. VINYL COPOLYMERS

RESINS
. SYNTHETIC RESINS
. ADDITION RESINS
. VINYL COPOLYMERS

RT CROSSLINKING
POLYBUTADIENE
POLYETHYLENE TEREPHTHALATE
POLYETHYLENES
POLYISOBUTYLENE
POLYPROPYLENE
POLYSTYRENE
POLYVINYL ALCOHOL
POLYVINYL CHLORIDE
SYNTHESIS (CHEMISTRY)
SYNTHETIC FIBERS
VULCANIZED ELASTOMERS

ADDITION THEOREM

GS NUMBER THEORY
. ADDITION THEOREM
THEOREMS
. ADDITION THEOREM

RT ADDITION

ADDITIVES

UF DOPING (ADDITIVES)

GS ADDITIVES
. ADMIXTURES
. ANTIFREEZES
. ANTIAGING ADDITIVES
. ANTIKNOCK ADDITIVES

NASA THESAURUS (VOLUME 1)

ADDITIVES-(CONT.)

. ANTIOXIDANTS
. OIL ADDITIVES
. OPACIFIERS
. PLASTICIZERS
. PROPELLANT ADDITIVES
. PROPELLANT BINDERS
. SOLID ROCKET BINDERS

RT AGENTS
ANTIMISTING FUELS
BINDERS (MATERIALS)
CARRIER INJECTION
CATALYSTS
COATINGS
DILUENTS
DOPES
FILLERS
HIGH ENERGY FUELS
INHIBITORS
INTERSTITIALS
LUBRICANTS
MAJORITY CARRIERS
MINORITY CARRIERS
NEUTRALIZERS
PIGMENTS
PRESERVATIVES
RETARDANTS
SOLVENTS
STABILIZERS (AGENTS)
SUPPRESSORS
TETRAHYDROFURAN
THICKENERS (MATERIALS)
TRAVELING SOLVENT METHOD
VINYL COPOLYMERS

ADDRESSING

RT CODING
COMPUTER PROGRAMMING

ADDUCTS

RT CHEMICAL COMPOUNDS

ADENINES

GS ALIPHATIC COMPOUNDS
. NUCLEOSIDES
. ADENINES
CARBOHYDRATES
. NUCLEOSIDES
. ADENINES
HETEROCYCLIC COMPOUNDS
. ADENINES
ORGANIC COMPOUNDS
. NUCLEOTIDES
. ADENINES
PHOSPHORUS COMPOUNDS
. PHOSPHATES
. NUCLEOTIDES
. ADENINES
PROTEINS
. NUCLEOTIDES
. ADENINES
PURINES
. ADENINES

ADENOSINE DIPHOSPHATE

UF ADP

GS ALIPHATIC COMPOUNDS
. NUCLEOSIDES
. ADENOSINES
. ADENOSINE DIPHOSPHATE
CARBOHYDRATES
. NUCLEOSIDES
. ADENOSINES
. ADENOSINE DIPHOSPHATE
HETEROCYCLIC COMPOUNDS
. ADENOSINES
. ADENOSINE DIPHOSPHATE
ORGANIC COMPOUNDS
. NUCLEOTIDES
. ADENOSINES
. ADENOSINE DIPHOSPHATE
PHOSPHORUS COMPOUNDS
. PHOSPHATES
. DIPHOSPHATES
. ADENOSINE DIPHOSPHATE
. NUCLEOTIDES
. ADENOSINES
. ADENOSINE DIPHOSPHATE
PROTEINS
. NUCLEOTIDES
. ADENOSINES
. ADENOSINE DIPHOSPHATE

ADENOSINE TRIPHOSPHATE

UF ATP

ADENOSINE TRIPHOSPHATE-(CONT.)

GS ALIPHATIC COMPOUNDS
 . NUCLEOSIDES
 . . . ADENOSINES
 **ADENOSINE TRIPHOSPHATE**
 CARBOHYDRATES
 . NUCLEOSIDES
 . . . ADENOSINES
 **ADENOSINE TRIPHOSPHATE**
 HETEROCYCLIC COMPOUNDS
 . ADENOSINES
 . . . **ADENOSINE TRIPHOSPHATE**
 ORGANIC COMPOUNDS
 . NUCLEOTIDES
 . . . ADENOSINES
 **ADENOSINE TRIPHOSPHATE**
 PHOSPHORUS COMPOUNDS
 . PHOSPHATES
 . . . NUCLEOTIDES
 ADENOSINES
 **ADENOSINE TRIPHOSPHATE**
 PROTEINS
 . NUCLEOTIDES
 . . . ADENOSINES
 **ADENOSINE TRIPHOSPHATE**
 RT AMINO ACIDS

ADENOSINES

GS ALIPHATIC COMPOUNDS
 . NUCLEOSIDES
 . . . **ADENOSINES**
 ADENOSINE DIPHOSPHATE
 ADENOSINE TRIPHOSPHATE
 CARBOHYDRATES
 . NUCLEOSIDES
 . . . **ADENOSINES**
 ADENOSINE DIPHOSPHATE
 ADENOSINE TRIPHOSPHATE
 HETEROCYCLIC COMPOUNDS
 . **ADENOSINES**
 . . . ADENOSINE DIPHOSPHATE
 ADENOSINE TRIPHOSPHATE
 ORGANIC COMPOUNDS
 . NUCLEOTIDES
 . . . **ADENOSINES**
 ADENOSINE DIPHOSPHATE
 ADENOSINE TRIPHOSPHATE
 PHOSPHORUS COMPOUNDS
 . PHOSPHATES
 . . . NUCLEOTIDES
 **ADENOSINES**
 ADENOSINE DIPHOSPHATE
 ADENOSINE TRIPHOSPHATE
 PROTEINS
 . NUCLEOTIDES
 . . . **ADENOSINES**
 ADENOSINE DIPHOSPHATE
 ADENOSINE TRIPHOSPHATE
 RT

ADENOVIRUSES

GS MICROORGANISMS
 . VIRUSES
 . . . **ADENOVIRUSES**

ADEQUACY

RT QUALITY
 VALIDITY

ADHEROMETERS

USE ADHESION TESTS

ADHESION

GS SURFACE PROPERTIES
 . **ADHESION**
 RT ADHESION TESTS
 ADHESIVE BONDING
 AGGLUTINATION
 BONDING
 COLD WELDING
 FUSION (MELTING)
 INTERFACIAL ENERGY
 INTERNAL PRESSURE
 ∞ JOINING
 METAL BONDING
 PEELING
 SEALING
 SPREADING
 TACKINESS
 TRACTION
 WETTABILITY

ADHESION TESTS

UF ADHEROMETERS
 FOKKER BOND TESTERS
 RT ADHESION

ADHESION TESTS-(CONT.)

BONDING
 NONDESTRUCTIVE TESTS
 ∞ TESTS
 WETTABILITY

ADHESIVE BONDING

GS BONDING
 . **ADHESIVE BONDING**
 RT ADHESION
 AGGLUTINATION
 CEMENTATION
 ∞ JOINING
 METAL BONDING
 METAL-METAL BONDING
 RESIN BONDING
 SEALING

ADHESIVES

UF BINDERS (ADHESIVES)
 GS **ADHESIVES**
 . GLUES
 . PASTES
 . . . TETRAETHYL ORTHOSILICATE
 RT AGGLUTINATION
 ALKYD RESINS
 BINDERS (MATERIALS)
 CEMENTS
 EPOXY RESINS
 FASTENERS
 FURAN RESINS
 JOINTS (JUNCTIONS)
 METAL-METAL BONDING
 PHENOLIC EPOXY RESINS
 PLASTIC TAPES
 SEALERS
 SEAMS (JOINTS)
 ∞ TAPES

ADIABATIC CONDITIONS

GS CONDITIONS
 . **ADIABATIC CONDITIONS**
 RT CARNOT CYCLE
 COMPRESSING
 ENTHALPY
 ENVIRONMENTS
 EXPANSION
 ISENTROPE
 ISOENERGETIC PROCESSES
 ISOTHERMAL PROCESSES
 POLYTROPIC PROCESSES
 TEMPERATURE
 THERMAL ENVIRONMENTS
 THERMODYNAMIC CYCLES
 THERMODYNAMIC EQUILIBRIUM

ADIABATIC DEMAGNETIZATION COOLING

RT MAGNETIC COOLING

ADIABATIC EQUATIONS

RT EQUATIONS OF STATE
 HEAT TRANSMISSION
 NONADIABATIC THEORY
 SHOCK WAVES

ADIABATIC FLOW

GS FLUID FLOW
 . **ADIABATIC FLOW**
 RT STAGNATION TEMPERATURE

ADIPOSE TISSUES

GS TISSUES (BIOLOGY)
 . **ADIPOSE TISSUES**
 RT CONNECTIVE TISSUE
 FATS

ADIPRENE (TRADEMARK)

GS RUBBER
 . **ADIPRENE (TRADEMARK)**

ADIRONDACK MOUNTAINS (NY)

GS LANDFORMS
 . MOUNTAINS
 . . . **ADIRONDACK MOUNTAINS (NY)**
 RT NEW YORK
 OROGRAPHY

ADJOINTS

GS ALGEBRA
 . VECTOR SPACES
 . . . MATRICES (MATHEMATICS)
 **ADJOINTS**
 RT DATA PROCESSING
 NUMERICAL ANALYSIS

ADJUSTING

UF ADJUSTMENT
 READJUSTMENT
 RT ALIGNMENT
 CLEARANCES
 COLLIMATION
 CORRECTION
 FITTING
 FOCUSING
 LEVELING
 MATCHING
 OPTICAL CORRECTION PROCEDURE
 POSITIONING
 REVISIONS
 ∞ SETTING
 SMOOTHING

ADJUSTMENT

USE ADJUSTING

ADMINISTRATION

USE MANAGEMENT

ADMITTANCE

USE ELECTRICAL IMPEDANCE

ADMIXTURES

GS ADDITIVES
 . **ADMIXTURES**
 MIXTURES
 . **ADMIXTURES**
 RT ACCELERATING AGENTS
 CATALYSTS
 ∞ COMBINATION
 CONCRETES
 FORMULATIONS
 INGREDIENTS
 MIXERS
 MORTARS (MATERIAL)
 SURFACTANTS

ADOBE FLATS

USE FLATS (LANDFORMS)

ADP

USE ADENOSINE DIPHOSPHATE

ADRENAL GLAND

GS ANATOMY
 . GLANDS (ANATOMY)
 . . . ENDOCRINE GLANDS
 **ADRENAL GLAND**
 VISCERA
 . ENDOCRINE GLANDS
 . . . **ADRENAL GLAND**
 RT ADRENOCORTICOTROPIN (ACTH)
 EPINEPHRINE

ADRENAL METABOLISM

GS METABOLISM
 . **ADRENAL METABOLISM**
 RT ALDOSTERONE
 CORTICOSTEROIDS
 CORTISONE
 HYDROXYCORTICOSTEROID

ADRENALINE

USE EPINEPHRINE

ADRENERGICS

UF SYMPATHOMIMETICS
 GS DRUGS
 . **ADRENERGICS**
 RT ANTIADRENERGICS
 ANTICOAGULANTS

ADRENOCORTICOTROPIN (ACTH)

UF ACTH
 GS SECRETIONS
 . ENDOCRINE SECRETIONS
 . . . HORMONES
 PITUITARY HORMONES
 **ADRENOCORTICOTROPIN (ACTH)**
 RT ACIDS
 ADRENAL GLAND
 AMINO ACIDS
 PROTEINS

ADRIATIC SEA

GS SEAS
 . **ADRIATIC SEA**
 RT ITALY
 MEDITERRANEAN SEA
 YUGOSLAVIA

ADSORBENTS

ADSORBENTS

GS SORBENTS
 . ADSORBENTS
 RT ABSORBENTS
 ADSORPTION
 AIR CONDITIONING EQUIPMENT
 CHARCOAL
 DESICCANTS
 HEMOPERFUSION

ADSORPTION

GS SORPTION
 . ADSORPTION
 . . CHEMISORPTION
 RT ∞ ABSORPTION
 ADSORBENTS
 ADSORPTIVITY
 BENEFICIATION
 CHROMATOGRAPHY
 CONCENTRATING
 DESORPTION
 DIFFUSION
 ELECTROSTATIC PRECIPITATORS
 ELUTION
 GAS CHROMATOGRAPHY
 GAS-METAL INTERACTIONS
 GIBBS ADSORPTION EQUATION
 ∞ SEPARATION
 WATER TREATMENT

ADSORPTIVITY

GS SURFACE PROPERTIES
 . ADSORPTIVITY
 RT ADSORPTION
 CHEMICAL PROPERTIES
 CHEMISORPTION
 ∞ PHYSICAL PROPERTIES

ADVANCED AIRBORNE COMMAND POST

USE E-4A AIRCRAFT

ADVANCED EVA PROTECTION SYSTEMS

USE AEPS

ADVANCED ORBITING SOLAR OBSERVATORY

USE AOSO

ADVANCED RANGE INSTRUMENTATION AIRCRAFT

RT AIRBORNE EQUIPMENT
 APOLLO PROJECT
 C-135 AIRCRAFT
 DATA ACQUISITION
 TELEMETRY

ADVANCED RANGE INSTRUMENTATION SHIP

UF ARIS INSTRUMENTATION SHIP
 GS WATER VEHICLES
 . SHIPS
 . . ADVANCED RANGE
 INSTRUMENTATION SHIP
 RT ∞ INSTRUMENTS
 MANNED SPACE FLIGHT NETWORK
 SPACECRAFT TRACKING
 TRACKING NETWORKS

ADVANCED RECONN ELECTRIC SPACECRAFT

UF ARES (SPACECRAFT)
 GS INTERPLANETARY SPACECRAFT
 . MARS PROBES
 . . ADVANCED RECONN ELECTRIC
 SPACECRAFT
 UNMANNED SPACECRAFT
 . SPACE PROBES
 . . MARS PROBES
 . . . ADVANCED RECONN ELECTRIC
 SPACECRAFT
 RT ∞ SPACECRAFT

ADVANCED SODIUM COOLED REACTOR

UF ASCR REACTOR
 GS NUCLEAR REACTORS
 . LIQUID COOLED REACTORS
 . . LIQUID METAL COOLED REACTORS
 . . . ADVANCED SODIUM COOLED
 REACTOR

ADVANCED TECHNOLOGY LABORATORY

GS LABORATORIES
 . ADVANCED TECHNOLOGY
 LABORATORY
 RT SPACE SHUTTLES
 SPACELAB

ADVANCED TECHNOLOGY LIGHT TWIN AIRCRAFT

USE ATLIT PROJECT

ADVANCED TEST REACTORS

UF ATR REACTOR
 GS NUCLEAR REACTORS
 . NUCLEAR RESEARCH AND TEST
 REACTORS
 . . ADVANCED TEST REACTORS

ADVANCED VIDICON CAMERA SYSTEM (AVCS)

UF AVCS
 GS COMMUNICATION EQUIPMENT
 . ADVANCED VIDICON CAMERA SYSTEM
 (AVCS)
 TELEVISION SYSTEMS
 . ADVANCED VIDICON CAMERA SYSTEM
 (AVCS)
 RT ∞ SYSTEMS
 VIDEO EQUIPMENT
 VIDICONS

ADVANCED X RAY ASTROPHYSICAL FACILITY

USE X RAY ASTROPHYSICS FACILITY

ADVANCED X RAY ASTROPHYSICS FACILITY

USE X RAY ASTROPHYSICS FACILITY

ADVANCING GLACIERS

USE GLACIERS

ADVANCING SHORELINES

USE BEACHES

ADVECTION

RT ATMOSPHERIC CIRCULATION
 CONVECTION
 HEAT TRANSFER
 PECLET NUMBER

ADVENT PROJECT

GS PROGRAMS
 . PROJECTS
 . . ADVENT PROJECT
 RT ACTIVE SATELLITES
 COMMUNICATION SATELLITES
 COURIER SATELLITE
 RELAY SATELLITES

AE-A SATELLITE

USE EXPLORER 17 SATELLITE

AE-B SATELLITE

USE EXPLORER 32 SATELLITE

AE-C SATELLITE

USE EXPLORER 51 SATELLITE

AE-D SATELLITE

USE EXPLORER 54 SATELLITE

AE-E SATELLITE

USE EXPLORER 55 SATELLITE

AEOLIAN TONES

RT ELASTIC WAVES
 FREQUENCIES
 KARMAN VORTEX STREET
 NOISE (SOUND)
 SOUND WAVES
 WIND (METEOROLOGY)

AEOLOTROPISM

GS TROPISM
 . AEOLOTROPISM
 RT ANISOTROPY

AEPS

UF . ADVANCED EVA PROTECTION SYSTEMS
 GS SUPPORT SYSTEMS
 . LIFE SUPPORT SYSTEMS
 . . EMERGENCY LIFE SUSTAINING
 SYSTEMS

... AEPS
 . . PORTABLE LIFE SUPPORT SYSTEMS
 . . . AEPS

RT EXTRAVEHICULAR ACTIVITY
 LUNAR BASES
 MARS LANDING
 OXYGEN SUPPLY EQUIPMENT
 SPACE SHUTTLES
 SPACE STATIONS
 SURVIVAL EQUIPMENT

NASA THESAURUS (VOLUME 1)

AERATION

RT AGITATION
 BENEFICIATION
 BLOWING
 BUBBLES
 CORROSION PREVENTION
 DEGASSING
 DISSOLVED GASES
 DISSOLVING
 ENTRAINMENT
 MIXERS
 MIXING
 OXYGENATION
 PURIFICATION
 ∞ SEPARATION
 SPRAYING
 STIRRING
 SUSPENDING (MIXING)
 WATER TREATMENT

AERIAL EXPLOSIONS

SN (EXPLOSIONS OCCURRING AT HEIGHTS
 LESS THAN 50 KM)
 UF AIR BLASTS
 GS EXPLOSIONS
 . AERIAL EXPLOSIONS
 RT BLAST LOADS
 CHEMICAL EXPLOSIONS
 NUCLEAR EXPLOSIONS
 THERMONUCLEAR EXPLOSIONS

AERIAL IMAGERY

USE AERIAL PHOTOGRAPHY

AERIAL PHOTOGRAPHY

UF AERIAL IMAGERY
 GS IMAGERY
 . AERIAL PHOTOGRAPHY
 PHOTOGRAPHY
 . AERIAL PHOTOGRAPHY
 RT ASTRONOMICAL PHOTOGRAPHY
 CLOUD PHOTOGRAPHS
 CLOUD PHOTOGRAPHY
 COLOR PHOTOGRAPHY
 EARTH OBSERVATIONS (FROM SPACE)
 EARTH RESOURCES SURVEY AIRCRAFT
 FOREST FIRE DETECTION
 GROUND TRUTH
 ICE MAPPING
 IMAGE MOTION COMPENSATION
 INFRARED PHOTOGRAPHY
 ORTHOPHOGRAPHY
 PHOTOGEOLOGY
 PHOTOGRAMMETRY
 PHOTOINTERPRETATION
 PHOTOMAPPING
 PHOTOMAPS
 PLANT STRESS
 ROCKET-BORNE PHOTOGRAPHY
 SATELLITE-BORNE PHOTOGRAPHY
 SEA TRUTH
 SPACEBORNE PHOTOGRAPHY
 STEREOPHOTOGRAPHY
 TIMBER INVENTORY
 ULTRAVIOLET PHOTOGRAPHY

AERIAL RECONNAISSANCE

GS RECONNAISSANCE
 . AERIAL RECONNAISSANCE
 . . AIRBORNE INTEGRATED
 RECONNAISSANCE SYSTEM
 RT EARTH RESOURCES SURVEY AIRCRAFT
 GROUND TRUTH
 HS-801 AIRCRAFT
 INFRARED RADIOMETERS
 METEOROLOGICAL FLIGHT
 PHOTORECONNAISSANCE
 RECONNAISSANCE AIRCRAFT
 RECONNAISSANCE SPACECRAFT
 THERMAL MAPPING

AERIAL RUDDERS

GS AIRFOILS
 . AERIAL RUDDERS
 CONTROL SURFACES
 . RUDDERS
 . . AERIAL RUDDERS
 RT FINS
 HORIZONTAL TAIL SURFACES
 MARINE RUDDERS
 STABILIZERS (FLUID DYNAMICS)
 TABS (CONTROL SURFACES)
 TAIL ASSEMBLIES

AEROACOUSTICS

- GS ACOUSTICS
 - . AEROACOUSTICS
- RT AERODYNAMICS
 - AIRCRAFT NOISE
 - NOISE PREDICTION (AIRCRAFT)

AEROBEE ROCKET VEHICLE

- GS ROCKET VEHICLES
 - . SOUNDING ROCKETS
 - . AEROBEE ROCKET VEHICLE

AEROBES

- GS MICROORGANISMS
 - . AEROBES
- RT ANAEROBES
 - BACTERIA
 - SEWAGE TREATMENT

AEROBIOLOGY

- RT AIR POLLUTION
 - AIRBORNE INFECTION
- ∞ BIOLOGY
 - ENVIRONMENT POLLUTION
 - POLLEN

AERODONTALGIA

- USE TOOTH DISEASES

AERODYNAMIC AXIS

- USE AERODYNAMIC BALANCE

AERODYNAMIC BALANCE

- UF AERODYNAMIC AXIS
 - AERODYNAMIC CENTER
 - DRAG BALANCE
 - TRIM (BALANCE)
- GS AERODYNAMIC CHARACTERISTICS
 - . AERODYNAMIC BALANCE
- RT AIRCRAFT STABILITY
 - BALANCE
 - DYNAMIC CHARACTERISTICS
 - HORIZONTAL FLIGHT
 - LIFT DRAG RATIO
 - MASS DISTRIBUTION
 - SPACECRAFT MOTION
 - SPACECRAFT STABILITY
 - STATIC AERODYNAMIC CHARACTERISTICS
 - TURNING FLIGHT

AERODYNAMIC BRAKES

- GS BRAKES (FOR ARRESTING MOTION)
 - . AERODYNAMIC BRAKES
 - . BALLUTES
 - . DRAG CHUTES
 - . PARAVULCOONS
 - . SPLIT FLAPS
 - . WING FLAPS
 - . . . LEADING EDGE SLATS
 - . . . TRAILING-EDGE FLAPS
- DRAG DEVICES
 - . AERODYNAMIC BRAKES
 - . BALLUTES
 - . DRAG CHUTES
 - . PARAVULCOONS
 - . SPLIT FLAPS
 - . WING FLAPS
 - . . . LEADING EDGE SLATS
 - . . . TRAILING-EDGE FLAPS
- RT AIRCRAFT BRAKES
 - CONTROL SURFACES
 - FLAPS (CONTROL SURFACES)
 - RETRACTABLE EQUIPMENT
 - SPOILERS

AERODYNAMIC BUZZ

- USE FLUTTER

AERODYNAMIC CENTER

- USE AERODYNAMIC BALANCE

AERODYNAMIC CHARACTERISTICS

- GS AERODYNAMIC CHARACTERISTICS
 - . AERODYNAMIC BALANCE
 - . AERODYNAMIC DRAG
 - . . . SUPERSONIC DRAG
 - . AERODYNAMIC STABILITY
 - . INTERFERENCE DRAG
 - . LIFT
 - . . . INTERFERENCE LIFT
 - . . . JET LIFT
 - . . . ROTOR LIFT
 - . . . ZERO LIFT

AERODYNAMIC CHARACTERISTICS-(CONT.)

- . STATIC AERODYNAMIC CHARACTERISTICS
- RT AERODYNAMIC NOISE
 - ANGLE OF ATTACK
 - ASPECT RATIO
- ∞ CHARACTERISTICS
 - CROSS FLOW
 - DYNAMIC CHARACTERISTICS
 - ENGINE AIRFRAME INTEGRATION
 - UNDER SURFACE BLOWING
 - UPPER SURFACE BLOWING
 - WIND TUNNEL TESTS

AERODYNAMIC CHORDS

- USE AIRFOIL PROFILES
 - CHORDS (GEOMETRY)

AERODYNAMIC COEFFICIENTS

- UF DRAG COEFFICIENT
 - LIFT COEFFICIENTS
- GS COEFFICIENTS
 - . AERODYNAMIC COEFFICIENTS
- RT FLOW COEFFICIENTS
 - FLOW DISTORTION
 - FORCE DISTRIBUTION
 - LIFT
 - LIFT DRAG RATIO
 - PITCHING MOMENTS
 - PRESSURE DISTRIBUTION
 - ROLLING MOMENTS
 - YAWING MOMENTS

AERODYNAMIC CONFIGURATIONS

- SN (AERODYNAMIC VEHICLE SHAPES--FOR LIFTING OR THRUSTING SURFACES USE AIRFOILS)
- GS AERODYNAMIC CONFIGURATIONS
 - . DROOPED AIRFOILS
 - . WING NACELLE CONFIGURATIONS
- RT AIRCRAFT CONFIGURATIONS
 - AIRCRAFT DESIGN
 - AIRFOILS
 - BLUNT BODIES
 - BODIES OF REVOLUTION
 - BODY-WING AND TAIL CONFIGURATIONS
 - BODY-WING CONFIGURATIONS
 - CANARD CONFIGURATIONS
 - CHANNEL WINGS
 - CONES
 - ∞ CONFIGURATIONS
 - CONTROL SURFACES
 - ∞ DESIGN
 - DISKS (SHAPES)
 - DRAG
 - ENGINE AIRFRAME INTEGRATION
 - FAIRINGS
 - FINNED BODIES
 - HALF CONES
 - ∞ HEMISPHERES
 - INTAKE SYSTEMS
 - LAUNCH VEHICLE CONFIGURATIONS
 - LIFT
 - LIFTING BODIES
 - MISSILE CONFIGURATIONS
 - MONOPLANES
 - NACELLES
 - NOSE TIPS
 - OBLIQUE WINGS
 - PROPULSION SYSTEM CONFIGURATIONS
 - PROTUBERANCES
 - PYLON MOUNTING
 - REYNOLDS EQUATION
 - RING STRUCTURES
 - SATELLITE CONFIGURATIONS
 - SCALE MODELS
 - SEMI-SPAN MODELS
 - SLENDER BODIES
 - SLENDER CONES
 - SPACECRAFT CONFIGURATIONS
 - SPHERES
 - STRAKES
 - STREAMLINED BODIES
 - WEDGES
 - WIND TUNNEL MODELS
 - WING ROOTS

AERODYNAMIC DRAG

- UF DRAG COEFFICIENT
- GS AERODYNAMIC CHARACTERISTICS
 - . AERODYNAMIC DRAG
 - . . . SUPERSONIC DRAG
 - . AERODYNAMIC FORCES
 - . AERODYNAMIC DRAG
 - . . . SUPERSONIC DRAG

AERODYNAMIC DRAG-(CONT.)

- DYNAMIC CHARACTERISTICS
 - . DRAG
 - . . . FRICTION DRAG
 - AERODYNAMIC DRAG
 - SUPERSONIC DRAG
- FRICTION
 - . AERODYNAMIC DRAG
 - . . . SUPERSONIC DRAG
- RT BALLISTICS
 - BASE PRESSURE
 - DRAG MEASUREMENT
 - DRAG REDUCTION
 - GROUND EFFECT
 - HYPERSONIC FORCES
 - LIFT
 - LIFT DRAG RATIO
 - ORBIT DECAY
 - PRESSURE DRAG
- ∞ RESISTANCE
 - SATELLITE DRAG
 - TURBULENCE
 - VORTEX FLAPS

AERODYNAMIC FORCES

- UF GLAUERT COEFFICIENT
- GS AERODYNAMIC FORCES
 - . AERODYNAMIC DRAG
 - . . . SUPERSONIC DRAG
 - . AERODYNAMIC INTERFERENCE
 - . AERODYNAMIC LOADS
 - . . . BLAST LOADS
 - . . . GUST LOADS
 - . . . HYPERSONIC FORCES
 - . LIFT
 - . . . INTERFERENCE LIFT
 - . . . JET LIFT
 - . . . ROTOR LIFT
 - . . . ZERO LIFT
 - . . . WING LOADING
- RT ∞ FORCE
 - LEADING EDGE THRUST
 - THRUST DISTRIBUTION

AERODYNAMIC HEAT TRANSFER

- GS TRANSMISSION
 - . HEAT TRANSMISSION
 - . . . HEAT TRANSFER
 - AERODYNAMIC HEAT TRANSFER
 - HYPERSONIC HEAT TRANSFER
 - SUPERSONIC HEAT TRANSFER
- RT ABLATION
 - AEROTHERMODYNAMICS
 - TURBULENT HEAT TRANSFER

AERODYNAMIC HEATING

- GS HEATING
 - . AERODYNAMIC HEATING
 - . . . SHOCK HEATING
- RT ABLATION
 - AERODYNAMICS
 - AEROTHERMOCHEMISTRY
 - AEROTHERMODYNAMICS
 - ATMOSPHERIC ENTRY
 - BOUNDARY LAYER PLASMAS
 - COMPRESSIBLE FLUIDS
 - CONVECTIVE HEAT TRANSFER
 - HYPERSONIC REENTRY
 - REENTRY
 - REENTRY EFFECTS
 - REENTRY SHIELDING
 - SKIN FRICTION
 - SKIN TEMPERATURE (NON-BIOLOGICAL)
 - TRANSIENT HEATING
 - UNCONTROLLED REENTRY (SPACECRAFT)

AERODYNAMIC INTERFERENCE

- GS AERODYNAMIC FORCES
 - . AERODYNAMIC INTERFERENCE
- RT AERODYNAMICS
 - AIR FLOW
 - AIRCRAFT CONFIGURATIONS
 - AIRCRAFT STRUCTURES
 - AIRFOIL PROFILES
 - CONTROL SURFACES
 - ∞ INTERFERENCE
 - PROTUBERANCES
 - TURBULENT FLOW
 - WING PROFILES

AERODYNAMIC LIFT

- USE LIFT

AERODYNAMIC LOADS

AERODYNAMIC LOADS

- GS AERODYNAMIC FORCES
 - . AERODYNAMIC LOADS
 - . . BLAST LOADS
 - . . GUST LOADS
 - . . . LOADS (FORCES)
 - . . . DYNAMIC LOADS
 - . . . AERODYNAMIC LOADS
 - BLAST LOADS
 - GUST LOADS
- RT AXIAL COMPRESSION LOADS
 - AXIAL LOADS
 - COMPRESSION LOADS
 - CRITICAL LOADING
 - EDGE LOADING
 - FORCE DISTRIBUTION
 - LOADING MOMENTS
 - PRESSURE DISTRIBUTION
 - SHOCK LOADS
 - STATIC LOADS
 - STRUCTURAL DESIGN CRITERIA
 - THRUST LOADS
 - TRANSIENT LOADS
 - VIBRATORY LOADS
 - WING LOADING

AERODYNAMIC MOMENTS

- USE STABILITY DERIVATIVES

AERODYNAMIC NOISE

- UF BOUNDARY LAYER NOISE
- GS ELASTIC WAVES
 - . SOUND WAVES
 - . . NOISE (SOUND)
 - . . . AERODYNAMIC NOISE
- RT ACOUSTIC RETROFITTING
 - AERODYNAMIC CHARACTERISTICS
 - AEROELASTICITY
 - AIRCRAFT NOISE
 - BLADE SLAP NOISE
 - FLUTTER
 - JET AIRCRAFT NOISE
 - NOISE MEASUREMENT
 - NOISE REDUCTION
 - PANEL FLUTTER
 - SHOCK WAVES
 - SONIC BOOMS

AERODYNAMIC STABILITY

- UF FLYING PLATFORM STABILITY
- GS AERODYNAMIC CHARACTERISTICS
 - . AERODYNAMIC STABILITY
 - . DYNAMIC CHARACTERISTICS
 - . . DYNAMIC STABILITY
 - . . . MOTION STABILITY
 - . . . AERODYNAMIC STABILITY
 - STABILITY
 - DYNAMIC STABILITY
 - MOTION STABILITY
 - AERODYNAMIC STABILITY
- RT AEROELASTICITY
 - AIRCRAFT STABILITY
 - ATTITUDE STABILITY
 - BALLAST (MASS)
 - BOUNDARY LAYER STABILITY
 - BUFFETING
 - DIRECTIONAL STABILITY
 - DYNAMIC TESTS
 - FLIGHT STABILITY TESTS
 - FLOW STABILITY
 - FLUTTER
 - HELICOPTER PERFORMANCE
 - HOVERING
 - LATERAL STABILITY
 - LIQUID SLOSHING
 - LONGITUDINAL STABILITY
 - LOW SPEED STABILITY
 - MASS DISTRIBUTION
 - PRESSURE DISTRIBUTION
 - REENTRY
 - RICHARDSON NUMBER
 - SPACECRAFT MOTION
 - SPACECRAFT STABILITY
 - STABILITY AUGMENTATION
 - STATIC AERODYNAMIC CHARACTERISTICS
 - TURBULENCE EFFECTS
 - VORTEX AVOIDANCE
 - WIND TUNNEL STABILITY TESTS
 - WING OSCILLATIONS
 - YAW

AERODYNAMIC STALLING

- RT AIRCRAFT PERFORMANCE
- AIRCRAFT SPIN

AERODYNAMIC STALLING-(CONT.)

- AIR SPEED
- ANGLE OF ATTACK
- BOUNDARY LAYER SEPARATION
- LIFT DRAG RATIO
- LOW SPEED STABILITY
- ∞ STALLING
- SWEEP ANGLE
- ZERO LIFT

AERODYNAMIC VEHICLES

- USE AIRCRAFT

AERODYNAMICS

- UF HYDROAEROMECHANICS
- GS FLUID MECHANICS
 - . FLUID DYNAMICS
 - . . GAS DYNAMICS
 - . . . AERODYNAMICS
 - AEROTHERMODYNAMICS
 - HYPERSONICS
 - ROTOR AERODYNAMICS
 - SUPERSONICS
- RT AEROACOUSTICS
 - AERODYNAMIC HEATING
 - AERODYNAMIC INTERFERENCE
 - AEROELASTICITY
 - AERONAUTICAL ENGINEERING
 - ∞ AERONAUTICS
 - ∞ AIRCRAFT
 - AIRFOILS
 - BLUNT BODIES
 - BODIES OF REVOLUTION
 - BOUNDARY LAYER CONTROL
 - COMPRESSIBLE FLOW
 - CONTROL SURFACES
 - DRAG
 - ∞ DYNAMICS
 - ∞ FLIGHT
 - FLIGHT CHARACTERISTICS
 - FLIGHT MECHANICS
 - ∞ FLOW
 - FLOW THEORY
 - FREE WING AIRCRAFT
 - GROUND EFFECT
 - HYPERSONIC FLIGHT
 - HYPERSONIC FLOW
 - INCOMPRESSIBLE FLOW
 - INVISID FLOW
 - LAMINAR FLOW
 - LIFT
 - MACH NUMBER
 - MACH-ZEHNDER INTERFEROMETERS
 - REENTRY
 - SLENDER BODIES
 - SUBSONIC FLOW
 - SUPERSONIC FLOW
 - THERMODYNAMICS
 - TRANSONIC FLOW
 - TURBULENT FLOW
 - UNIFORM FLOW
 - UNSTEADY FLOW
 - VISCOUS FLOW
 - WIND MEASUREMENT
 - WIND TUNNELS

AEROELASTICITY

- GS MECHANICAL PROPERTIES
 - . ELASTIC PROPERTIES
 - . . AEROELASTICITY
 - . . . AEROTHERMOELASTICITY
- RT AERODYNAMIC NOISE
 - AERODYNAMIC STABILITY
 - AERODYNAMICS
 - AEROTHERMODYNAMICS
 - AIRCRAFT STRUCTURES
 - FLUTTER
 - INFLUENCE COEFFICIENT
 - PANEL FLUTTER
 - RIGID WINGS
 - THERMOELASTICITY
 - WING LOADING

AEROEMBOLISM

- GS EMBOLISMS
 - . AEROEMBOLISM
- RT DECOMPRESSION SICKNESS
 - FAT EMBOLISMS
 - STRESS (PHYSIOLOGY)

AEROGYRO HELICOPTERS

- USE XH-51 HELICOPTER

AEROLOGY

- GS METEOROLOGY

NASA THESAURUS (VOLUME 1)

AEROLOGY-(CONT.)

- . AEROLOGY
- RT ATMOSPHERIC & OCEANOGRAPHIC
 - INFORM SYS
 - GLOBAL ATMOSPHERIC RESEARCH PROGRAM
 - METEOROLOGICAL PARAMETERS
 - POLAR METEOROLOGY
 - SEA BREEZE
 - WIND (METEOROLOGY)

AEROMAGNETISM

- USE GEOMAGNETISM

AEROMAGNETO FLUTTER

- USE FLUTTER

AEROMANEUVERING ORBIT TO ORBIT SHUTTLE

- UF AMOOS
- GS TRANSPORTATION
 - . AEROMANEUVERING ORBIT TO ORBIT SHUTTLE
- RT ORBIT MANEUVERING ENGINE (SPACE SHUTTLE)
 - ORBITAL MECHANICS
 - REUSABLE LAUNCH VEHICLES
 - SPACE SHUTTLES

AERONAUTICAL ENGINEERING

- GS AEROSPACE ENGINEERING
 - . AERONAUTICAL ENGINEERING
- RT AERODYNAMICS
 - ∞ AERONAUTICS
 - ∞ AIRCRAFT
 - AIRCRAFT DESIGN
 - AIRCRAFT INDUSTRY
 - AUXILIARY PROPULSION
 - COMPOUND HELICOPTERS
 - ∞ ENGINEERING
 - FUNCTIONAL DESIGN SPECIFICATIONS
 - MECHANICAL ENGINEERING
 - PROPULSION
 - STRUCTURAL ENGINEERING

AERONAUTICAL SATELLITES

- GS SATELLITES
 - . ARTIFICIAL SATELLITES
 - . . COMMUNICATION SATELLITES
 - . . . AERONAUTICAL SATELLITES
 - AEROSAT SATELLITES
 - EARTH SATELLITES
 - COMMUNICATION SATELLITES
 - AERONAUTICAL SATELLITES
 - AEROSAT SATELLITES
- RT AIR TRAFFIC CONTROL
 - AIRCRAFT APPROACH SPACING
 - AIRCRAFT COMMUNICATION
 - GROUND-AIR-GROUND COMMUNICATION
 - RESCUE OPERATIONS
 - SATELLITE NETWORKS

∞ AERONAUTICS

- SN (USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)
- UF AVIATION
- RT AERODYNAMICS
 - AERONAUTICAL ENGINEERING
 - AIR LAW
 - AIRPORTS
 - AVIONICS
 - CIVIL AVIATION
 - HUMAN FACTORS ENGINEERING
 - TACT PROGRAM

AERONOMY

- RT AIRGLOW
 - ALPINE METEOROLOGY
 - ATMOSPHERIC COMPOSITION
 - ATMOSPHERIC PHYSICS
 - AURORAS
 - DIAL SATELLITE
 - GEOPHYSICS
 - MESOMETEOROLOGY
 - METEOROLOGY
 - UPPER ATMOSPHERE

AEROPHYSICS

- USE ATMOSPHERIC PHYSICS

AEROQUATIC VEHICLES

- RT AIRCRAFT DESIGN
 - ATTACK AIRCRAFT
 - ∞ MILITARY VEHICLES

NASA THESAURUS (VOLUME 1)

AEROQUATIC VEHICLES-(CONT.)

UNDERWATER PROPULSION
UNDERWATER VEHICLES

AEROS SATELLITE

GS SATELLITES
. ARTIFICIAL SATELLITES
. METEOROLOGICAL SATELLITES
. . . . **AEROS SATELLITE**
. SYNCHRONOUS SATELLITES
. . . . **AEROS SATELLITE**
. EARTH SATELLITES
. METEOROLOGICAL SATELLITES
. . . . **AEROS SATELLITE**
. SYNCHRONOUS SATELLITES
. . . . **AEROS SATELLITE**

AEROSAT SATELLITES

GS SATELLITES
. ARTIFICIAL SATELLITES
. COMMUNICATION SATELLITES
. . . . AERONAUTICAL SATELLITES
. . . . **AEROSAT SATELLITES**
. ESA SATELLITES
. . . . **AEROSAT SATELLITES**
. NAVIGATION SATELLITES
. . . . **AEROSAT SATELLITES**
. SYNCHRONOUS SATELLITES
. . . . **AEROSAT SATELLITES**
. EARTH SATELLITES
. COMMUNICATION SATELLITES
. . . . AERONAUTICAL SATELLITES
. . . . **AEROSAT SATELLITES**
. ESA SATELLITES
. . . . **AEROSAT SATELLITES**
. NAVIGATION SATELLITES
. . . . **AEROSAT SATELLITES**
. SYNCHRONOUS SATELLITES
. . . . **AEROSAT SATELLITES**
RT EUROPEAN SPACE PROGRAMS
SATELLITE NETWORKS

AEROSINUSITIS

GS DISEASES
. RESPIRATORY DISEASES
. . . . **AEROSINUSITIS**
RT ALTITUDE SICKNESS

AEROSOLS

GS MIXTURES
. DISPERSIONS
. COLLOIDS
. . . . **AEROSOLS**
. . . . FOG
. LIQUID-GAS MIXTURES
. . . . **AEROSOLS**
. . . . FOG
PARTICLES
. **AEROSOLS**
. . . . FOG
RT AIR POLLUTION
AITKEN NUCLEI
ATMOSPHERIC EFFECTS
ATOMIZING
CROP DUSTING
DUST
ENTRAINMENT
ENVIRONMENT POLLUTION
ENVIRONMENTAL SURVEYS
FOG DISPERSAL
FUMES
GAS ATOMIZATION
MIST
MIXERS
POLLUTION TRANSPORT
SAGE SATELLITE
SMOKE
SMOKE ABATEMENT
SPRAYING

AEROSPACE ENGINEERING

UF SPACE SYSTEMS ENGINEERING
GS **AEROSPACE ENGINEERING**
. AERONAUTICAL ENGINEERING
RT ∞ AEROSPACE SCIENCES
 ∞ AIRCRAFT
 ∞ ENGINEERING
MECHANICAL ENGINEERING
MISSILE DESIGN
STRUCTURAL ENGINEERING

AEROSPACE ENVIRONMENTS

UF SPACE ENVIRONMENT
GS ENVIRONMENTS
. **AEROSPACE ENVIRONMENTS**

AEROSPACE ENVIRONMENTS-(CONT.)

. . . CISLUNAR SPACE
. . . DEEP SPACE
. . . INTERPLANETARY SPACE
. . . INTERSTELLAR SPACE
RT ∞ AEROSPACE SCIENCES
ARGON-OXYGEN ATMOSPHERES
 ∞ ASTRONAUTICS
BIOASTRONAUTICS
BIOSATELLITES
COSMIC RAYS
EARTH ATMOSPHERE
ELECTROMAGNETIC RADIATION
EXOLOGY
EXTRATERRESTRIAL ENVIRONMENTS
EXTRATERRESTRIAL LIFE
EXTRATERRESTRIAL RADIATION
EXTRAVEHICULAR ACTIVITY
GEOLOGICAL FLUID FLOW CELLS
HELIUM-OXYGEN ATMOSPHERES
JUPITER ATMOSPHERE
LIFE SUPPORT SYSTEMS
LUNAR ENVIRONMENT
MANNED SPACE FLIGHT
MARS ATMOSPHERE
NEPTUNE ATMOSPHERE
PANSPERMIA
PLANETARY ENVIRONMENTS
RADIATION BELTS
SOLAR RADIATION
SPACE EXPLORATION
SPACE FLIGHT
SPACE MANUFACTURING
SPACEBORNE EXPERIMENTS
SPACECRAFT CABIN SIMULATORS
THERMAL ENVIRONMENTS
URANUS ATMOSPHERE
VACUUM
VENUS ATMOSPHERE

AEROSPACE INDUSTRY

GS INDUSTRIES
. **AEROSPACE INDUSTRY**
. AIRCRAFT INDUSTRY
RT ∞ AIRCRAFT

AEROSPACE MEDICINE

RT BIOASTRONAUTICS
BIOMEDICAL DATA
CLOSED ECOLOGICAL SYSTEMS
MEDICAL SCIENCE
 ∞ MEDICINE
MOBILE QUARANTINE FACILITY
RADIOLOGY
SPACECRAFT ENVIRONMENTS
WEIGHTLESSNESS

AEROSPACE SAFETY

GS SAFETY
. **AEROSPACE SAFETY**
RT AIRCRAFT SAFETY
FLIGHT SAFETY
RANGE SAFETY
SAFETY FACTORS
SAFETY MANAGEMENT

∞ AEROSPACE SCIENCES

SN *(USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)*
UF SPACE SCIENCES
RT AEROSPACE ENGINEERING
AEROSPACE ENVIRONMENTS
AEROSPACE SYSTEMS
ASTRONOMY
COMMITTEE ON SPACE RESEARCH
ENVIRONMENTAL ENGINEERING
EXTRATERRESTRIAL RADIATION
LIFE SCIENCES
SPACE LABORATORIES

AEROSPACE SYSTEMS

RT ∞ AEROSPACE SCIENCES
MISSILE SYSTEMS
 ∞ SYSTEMS
SYSTEMS ENGINEERING

AEROSPACE TECHNOLOGY TRANSFER

GS TECHNOLOGY TRANSFER
. **AEROSPACE TECHNOLOGY TRANSFER**
RT CANADIAN SPACE PROGRAMS
INFORMATION FLOW
REPORTS
TECHNOLOGICAL FORECASTING
TECHNOLOGY UTILIZATION

AEROTHERMOELASTICITY

AEROSPACE VEHICLES

GS **AEROSPACE VEHICLES**
. FLEXIBLE SPACECRAFT
RT ∞ AIRCRAFT
 ∞ SPACECRAFT

AEROSPACEPLANES

GS MANEUVERABLE SPACECRAFT
. **AEROSPACEPLANES**
. . . ASTROPLANE
MANNED SPACECRAFT
. **AEROSPACEPLANES**
. . . ASTROPLANE
REENTRY VEHICLES
. RECOVERABLE SPACECRAFT
. REUSABLE SPACECRAFT
. . . **AEROSPACEPLANES**
. . . . ASTROPLANE
SOFT LANDING SPACECRAFT
. **AEROSPACEPLANES**
. . . ASTROPLANE
RT ∞ AIRCRAFT
ASTRO VEHICLE
BOOSTGLIDE VEHICLES
GLIDERS
HYPERSONIC AIRCRAFT
HYPERSONIC GLIDERS
LAUNCH VEHICLES
LIFTING REENTRY VEHICLES
LIQUID AIR CYCLE ENGINES
MILITARY SPACECRAFT
RESEARCH AIRCRAFT
ROCKET PLANES
X-20 AIRCRAFT

AEROSTATICS

GS STATICS
. **AEROSTATICS**
RT BUOYANCY
 ∞ DYNAMICS
 ∞ EQUILIBRIUM
FLUID MECHANICS
HYDROSTATICS

AEROSTATS

USE AIRSHIPS

AEROTHERMOCHEMISTRY

GS ENVIRONMENTAL CHEMISTRY
. **AEROTHERMOCHEMISTRY**
THERMOCHEMISTRY
. **AEROTHERMOCHEMISTRY**
RT ABLATION
AERODYNAMIC HEATING
AEROTHERMODYNAMICS
ATMOSPHERIC CHEMISTRY
CHEMICAL ENGINEERING
 ∞ CHEMISTRY
NOZZLE FLOW
PHYSICAL CHEMISTRY
PYROMETALLURGY
REENTRY PHYSICS
REENTRY SHIELDING
REENTRY VEHICLES

AEROTHERMODYNAMICS

GS FLUID MECHANICS
. FLUID DYNAMICS
. . . GAS DYNAMICS
. . . . AERODYNAMICS
. . . . **AEROTHERMODYNAMICS**
THERMODYNAMICS
. **AEROTHERMODYNAMICS**
RT AERODYNAMIC HEAT TRANSFER
AERODYNAMIC HEATING
AEROELASTICITY
AEROTHERMOCHEMISTRY
ASSET PROJECT
BOUNDARY LAYER PLASMAS
 ∞ CHEMISTRY
COMBUSTION PHYSICS
HYPERSONIC HEAT TRANSFER
HYPERSONIC REENTRY
HYPERSONICS
RANKINE-HUGONIOT RELATION
REENTRY
REENTRY PHYSICS
SKIN TEMPERATURE (NON-BIOLOGICAL)
SUPERSONICS
THERMOELASTICITY

AEROTHERMOELASTICITY

GS MECHANICAL PROPERTIES
. ELASTIC PROPERTIES
. . . AEROELASTICITY

AEROZINE

AEROTHERMOELASTICITY-(CONT.)

- ... AEROTHERMOELASTICITY
- ... THERMOELASTICITY
- ... AEROTHERMOELASTICITY

AEROZINE

- SN (HYDRAZINE-UDMH MIXTURE)
- GS FUELS
 - ... CHEMICAL FUELS
 - ... AEROZINE
 - ... LIQUID FUELS
 - ... LIQUID ROCKET PROPELLANTS
 - ... MONOPROPELLANTS
 - ... AEROZINE
 - ... LIQUID FUELS
 - LIQUIDS
 - ... LIQUID ROCKET PROPELLANTS
 - ... MONOPROPELLANTS
 - ... AEROZINE
 - ... LIQUID FUELS
 - PROPELLANTS
 - ... ROCKET PROPELLANTS
 - ... LIQUID ROCKET PROPELLANTS
 - ... MONOPROPELLANTS
 - ... AEROZINE
- RT DIMETHYLHYDRAZINES
- HYDRAZINES

AFC (CONTROL)

- USE AUTOMATIC FREQUENCY CONTROL

AFCS (CONTROL SYSTEM)

- USE AUTOMATIC FLIGHT CONTROL

AFFECTS

- USE EFFECTS

AFFERENT NERVOUS SYSTEMS

- GS NERVOUS SYSTEM
- ... AFFERENT NERVOUS SYSTEMS
- RT SENSORIMOTOR PERFORMANCE

AFFINITY

- RT ATTRACTION
- COMPATIBILITY

AFGHANISTAN

- RT ASIA
- NATIONS

AFRICA

- GS CONTINENTS
 - ... AFRICA
- RT AFRICAN RIFT SYSTEM
- ALGERIA
- ANGOLA
- ARCOMSAT
- BOTSWANA
- BURUNDI
- CAMEROON
- CAPE VERDE
- CENTRAL AFRICAN REPUBLIC
- CHAD
- CONGO (BRAZZAVILLE)
- DAHOMEY
- EGYPT
- ETHIOPIA
- GABON
- GAMBIA
- GHANA
- GUINEA
- IVORY COAST
- KALIHARI BASIN (AFRICA)
- KENYA
- LESOTHO
- LIBERIA
- LIBYA
- LIBYAN DESERT
- MALI
- MAURITANIA
- MOROCCO
- NAMIBIA
- NATIONS
- NIGER
- NIGERIA
- RED SEA
- REPUBLIC OF SOUTH AFRICA
- RWANDA
- SAHARA DESERT (AFRICA)
- SENEGAL
- SIERRA LEONE
- SOMALIA
- SPANISH SAHARA
- SUDAN
- SWAZILAND

AFRICA-(CONT.)

- TANZANIA
- TOGO
- TUNISIA
- UGANDA
- UPPER VOLTA
- ZAIRE
- ZAMBIA
- ZIMBABWE

AFRICAN RIFT SYSTEM

- GS GEOLOGICAL FAULTS
- ... AFRICAN RIFT SYSTEM
- RT AFRICA

AFTERBODIES

- UF CYLINDRICAL AFTERBODIES
- STERNS
- GS AIRCRAFT STRUCTURES
- ... AFTERBODIES
- RT BASE HEATING
- BOATTAILS
- ∞ BODIES
- CENTERBODIES
- CONICAL BODIES
- CYLINDRICAL BODIES
- FLARED BODIES
- FOREBODIES
- SKIRTS
- SWING TAIL ASSEMBLIES
- TAIL ASSEMBLIES

AFTERBURNERS

- USE AFTERBURNING

AFTERBURNING

- UF AFTERBURNERS
- GS COMBUSTION
- ... AFTERBURNING
- RT BURNERS
- EXHAUST SYSTEMS
- INFRARED SUPPRESSION
- INTERNAL COMBUSTION ENGINES
- J-57 ENGINE
- J-57-P-20 ENGINE
- JET ENGINES
- THRUST AUGMENTATION

AFTERGLOWS

- GS AFTERGLOWS
 - ... HELIUM AFTERGLOW
 - ... OXYGEN AFTERGLOW
- RT ATMOSPHERIC IONIZATION
- GAS DISCHARGES
- GAS IONIZATION
- LIGHT SCATTERING
- LUMINESCENCE
- PHOSPHORESCENCE
- PLASMA DECAY

AFTERIMAGES

- GS IMAGES
- ... AFTERIMAGES
- RT CRITICAL FLICKER FUSION
- ILLUSIONS
- PSYCHOLOGICAL EFFECTS
- SENSORY PERCEPTION
- VISUAL PERCEPTION

AFU P-16 AIRCRAFT

- USE P-16 AIRCRAFT

AGC (CONTROL)

- USE AUTOMATIC GAIN CONTROL

AGE DETERMINATION

- USE CHRONOLOGY

AGE FACTOR

- RT AGING (BIOLOGY)
- GERONTOLOGY
- LIFE SPAN

AGE HARDENING

- USE PRECIPITATION HARDENING

AGENA A ROCKET VEHICLE

- GS ROCKET VEHICLES
 - ... SINGLE STAGE ROCKET VEHICLES
 - ... AGENA ROCKET VEHICLES
 - ... AGENA A ROCKET VEHICLE
- RT DISCOVERER SATELLITES
- THOR AGENA LAUNCH VEHICLE

NASA THESAURUS (VOLUME 1)

AGENA B RANGER PROGRAM

- GS PROGRAMS
 - ... NASA PROGRAMS
 - ... RANGER PROJECT
 - ... AGENA B RANGER PROGRAM
 - PROJECTS
 - ... RANGER PROJECT
 - ... AGENA B RANGER PROGRAM
- RT THOR AGENA LAUNCH VEHICLE

AGENA B ROCKET VEHICLE

- GS ROCKET VEHICLES
 - ... SINGLE STAGE ROCKET VEHICLES
 - ... AGENA ROCKET VEHICLES
 - ... AGENA B ROCKET VEHICLE
- RT DISCOVERER SATELLITES
- ECHO SATELLITES
- EGO
- GEMINI PROJECT
- MARINER PROGRAM
- OAO
- POGO
- RANGER PROJECT

AGENA C ROCKET VEHICLE

- GS ROCKET VEHICLES
 - ... SINGLE STAGE ROCKET VEHICLES
 - ... AGENA ROCKET VEHICLES
 - ... AGENA C ROCKET VEHICLE

AGENA D ROCKET VEHICLE

- GS ROCKET VEHICLES
 - ... SINGLE STAGE ROCKET VEHICLES
 - ... AGENA ROCKET VEHICLES
 - ... AGENA D ROCKET VEHICLE

AGENA ROCKET VEHICLES

- GS ROCKET VEHICLES
 - ... SINGLE STAGE ROCKET VEHICLES
 - ... AGENA ROCKET VEHICLES
 - ... AGENA A ROCKET VEHICLE
 - ... AGENA B ROCKET VEHICLE
 - ... AGENA C ROCKET VEHICLE
 - ... AGENA D ROCKET VEHICLE
- RT ATLAS AGENA B LAUNCH VEHICLE
- ATLAS AGENA LAUNCH VEHICLES
- DISCOVERER SATELLITES
- ECHO SATELLITES
- GEMINI PROJECT
- MARINER PROGRAM
- RANGER PROJECT
- THOR AGENA LAUNCH VEHICLE

∞ AGENTS

- SN (USE OF A MORE SPECIFIC TERM IS RECOMMENDED-CONSULT THE TERMS LISTED BELOW)
- RT ACCELERATING AGENTS
- ADDITIVES
- ANTICOAGULANTS
- ANTIFOULING
- ANTIOXIDANTS
- DILUENTS
- NEUTRALIZERS
- OPACIFIERS
- OXIDIZERS
- PENETRANTS
- PRESERVATIVES
- STABILIZERS (AGENTS)
- SURFACTANTS

AGGLOMERATION

- RT ACCUMULATIONS
- CEMENTATION
- CLUMPS
- COAGULATION
- COALESCING
- COMPACTING
- CONCENTRATING
- CRYSTALLIZATION
- DENSIFICATION
- FLOCCULATING
- GALACTIC CLUSTERS
- LUMPING
- PLUGGING
- PRECIPITATION (CHEMISTRY)
- ∞ SEPARATION
- SETTLING
- SINTERING
- VIRGO GALACTIC CLUSTER

AGGLUTINATION

- GS BONDING
- ... AGGLUTINATION
- RT ADHESION

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AGGLUTINATION-(CONT.)

ADHESIVE BONDING
ADHESIVES
CEMENTATION
CHEMICAL BONDS
COHESION

AGGREGATES

RT CONCRETE STRUCTURES
CONCRETES
∞ CONSTRUCTION MATERIALS
DOLOMITE (MINERAL)
GRAVELS
LAVA
LIMESTONE
ROCKS
SANDS
SLAGS

∞ AGING

SN *(USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)*
RT AGING (BIOLOGY)
AGING (MATERIALS)
AGING (METALLURGY)
RADIOACTIVE AGE DETERMINATION

AGING (BIOLOGY)

RT AGE FACTOR
∞ AGING
GERIATRICS
GERONTOLOGY
LIFE SCIENCES
LIFE SPAN
MORTALITY

AGING (MATERIALS)

GS AGING (MATERIALS)
AGING (METALLURGY)
RT ∞ AGING
HARDENING (MATERIALS)
MECHANICAL PROPERTIES
MICROSTRUCTURE
STRAIN HARDENING

AGING (METALLURGY)

GS AGING (MATERIALS)
AGING (METALLURGY)
RT ∞ AGING
HARDENING (MATERIALS)
HEAT TREATMENT
MICROSTRUCTURE
SOLID SOLUTIONS
STRAIN HARDENING
SUPERCOOLING

AGITATION

GS AGITATION
ULTRASONIC AGITATION
RT AERATION
BLOWING
CHEMICAL REACTION CONTROL
COALESCING
COLLOIDING
DISPERSING
DISPOSAL
HOMOGENIZING
MIXERS
MIXING
∞ SEPARATION
SETTLING
SHAKING
SIZING SCREENS
SPLASHING
SUSPENDING (MIXING)
SWIRLING
TURBULENT MIXING
VORTICES
WATER TREATMENT

AGREEMENTS

RT CONTRACTS
CONVENTIONS
SUBCONTRACTS

AGRICULTURAL AIRCRAFT

GS GENERAL AVIATION AIRCRAFT
AGRICULTURAL AIRCRAFT
RT AGRICULTURE
∞ AIRCRAFT
CROP DUSTING
LIGHT AIRCRAFT

AGRICULTURE

RT AGRICULTURAL AIRCRAFT
AGRISTARS PROJECT
AGROCLIMATOLOGY
AGROMETEOROLOGY
ALFALFA
BARLEY
BOTANY
CITRUS TREES
CONSERVATION
CORN
CROP DUSTING
CROP GROWTH
CROP IDENTIFICATION
CROP INVENTORIES
CROP VIGOR
∞ CROPS
FARM CROPS
FARMLANDS
FRUITS
GRASSLANDS
GREAT PLAINS CORRIDOR (NORTH
AMERICA)
HALOPHILES
HAY
HYDROCARBON FUEL PRODUCTION
HYDROPONICS
IRRIGATION
LARGE AREA CROP INVENTORY
EXPERIMENT
LEGUMINOUS PLANTS
OATS
ORCHARDS
PLANT STRESS
PLANTING
PLANTS (BOTANY)
PLOWING
PLOWS
RURAL AREAS
RURAL LAND USE
SILVICULTURE
SOIL SCIENCE
SORGHUM
SUGAR BEETS
SUGAR CANE
SUNFLOWERS
TRACTORS
VEGETATION GROWTH
VINEYARDS

AGRISTARS PROJECT

UF CROP INVENTORIES BY REMOTE
SENSING
GS PROGRAMS
PROJECTS
∞ AGRISTARS PROJECT
RT AGRICULTURE
CROP INVENTORIES
FARM CROPS
FRESH WATER
LAND USE
LANDSAT SATELLITES
METEOROLOGICAL SATELLITES
NASA PROGRAMS
REMOTE SENSORS

AGROCLIMATOLOGY

GS CLIMATOLOGY
AGROCLIMATOLOGY
RT AGRICULTURE
AGROMETEOROLOGY
HYDROCLIMATOLOGY
METEOROLOGICAL PARAMETERS
METEOROLOGY
MICROCLIMATOLOGY

AGROMETEOROLOGY

GS METEOROLOGY
AGROMETEOROLOGY
RT AGRICULTURE
AGROCLIMATOLOGY
HYDROMETEOROLOGY
MICROMETEOROLOGY
THERMAL RESOURCES
TROPICAL METEOROLOGY

AGT

USE AUTOMATED GUIDEWAY TRANSIT
VEHICLES

AH-1G HELICOPTER

GS V/STOL AIRCRAFT
AH-1G HELICOPTER
RT ∞ MILITARY AIRCRAFT
TERRAIN FOLLOWING AIRCRAFT

AIR BREATHING BOOSTERS

AH-63 HELICOPTER

GS ATTACK AIRCRAFT
AH-63 HELICOPTER
BELL AIRCRAFT
AH-63 HELICOPTER
RT ∞ MILITARY AIRCRAFT
TERRAIN FOLLOWING AIRCRAFT

AH-64 HELICOPTER

GS ATTACK AIRCRAFT
AH-64 HELICOPTER
HUGHES AIRCRAFT
AH-64 HELICOPTER
V/STOL AIRCRAFT
ROTARY WING AIRCRAFT
HELICOPTERS
MILITARY HELICOPTERS
AH-64 HELICOPTER
RT ∞ MILITARY AIRCRAFT
TERRAIN FOLLOWING AIRCRAFT

∞ AIDS

SN *(USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)*
RT LANDING AIDS
NAVIGATION AIDS
VISUAL AIDS

AILERONS

GS AIRFOILS
AILERONS
SPOILER SLOT AILERONS
CONTROL SURFACES
AILERONS
SPOILER SLOT AILERONS
RT ELEVATORS (CONTROL SURFACES)
ELEVONS
LATERAL CONTROL
TABS (CONTROL SURFACES)

AIMP-D

USE EXPLORER 33 SATELLITE

AIMP-E

USE EXPLORER 35 SATELLITE

AIMP-1

USE EXPLORER 33 SATELLITE

AIMP-2

USE EXPLORER 35 SATELLITE

AIR

GS GASES
AIR
ALVEOLAR AIR
COMPRESSED AIR
EXPIRED AIR
HIGH TEMPERATURE AIR
LIQUID AIR
RT ∞ ATMOSPHERES
ATMOSPHERIC COMPOSITION
EARTH ATMOSPHERE
ENVIRONMENTS
MIDDLE ATMOSPHERE

AIR BAG RESTRAINT DEVICES

GS BAGS
AIR BAG RESTRAINT DEVICES
SAFETY DEVICES
AIR BAG RESTRAINT DEVICES
RT ACCIDENT PREVENTION
ACCIDENTS
AUTOMOBILES
COLLISIONS
CRASHES
∞ DEVICES
HIGHWAYS
PNEUMATIC EQUIPMENT
SAFETY

AIR BEARINGS

USE GAS BEARINGS

AIR BLASTS

USE AERIAL EXPLOSIONS

AIR BREATHING BOOSTERS

RT AIR BREATHING ENGINES
BOOSTER ROCKET ENGINES
∞ BOOSTERS

AIR BREATHING ENGINES

AIR BREATHING ENGINES

GS ENGINES
 . AIR BREATHING ENGINES
 . GAS TURBINE ENGINES
 . JET ENGINES
 . RAMJET ENGINES
 . LOW VOLUME RAMJET ENGINES
 . PULSEJET ENGINES
 . SUPERSONIC COMBUSTION
 . RAMJET ENGINES
 . TURBORAMJET ENGINES
 . TURBOJET ENGINES
 . BRISTOL-SIDDELEY OLYMPUS
 593 ENGINE
 . BRISTOL-SIDDELEY VIPER
 ENGINE
 . DUCTED FAN ENGINES
 . J-33 ENGINE
 . J-34 ENGINE
 . J-40 ENGINE
 . J-47 ENGINE
 . J-57 ENGINE
 . J-57-P-20 ENGINE
 . J-65 ENGINE
 . J-69-T-25 ENGINE
 . J-71 ENGINE
 . J-73 ENGINE
 . J-75 ENGINE
 . J-79 ENGINE
 . J-85 ENGINE
 . J-93 ENGINE
 . RA-28 ENGINE
 . TURBOFAN ENGINES
 . BRISTOL-SIDDELEY BS 53
 ENGINE
 . CF-700 ENGINE
 . J-97 ENGINE
 . STF-102 ENGINE
 . TF-41 ENGINE
 . TF-106 ENGINE
 . TURBOPROP ENGINES
 . T-53 ENGINE
 . T-56 ENGINE
 . T-64 ENGINE
 . T-74 ENGINE
 . TURBORAMJET ENGINES
 . PTL-6 ENGINE
 . T-58-GE-8B ENGINE
 RT AIR BREATHING BOOSTERS

AIR CARGO

UF AIR FREIGHT
 GS CARGO
 . AIR CARGO
 . AIR MAIL
 RT AIRDROPS
 AIRFIELD SURFACE MOVEMENTS
 AIRLINE OPERATIONS
 BAGGAGE
 CARGO AIRCRAFT
 GROUND HANDLING
 HEAVY LIFT HELICOPTERS

AIR CONDITIONING

RT BLOWERS
 COMFORT
 CONDENSERS (LIQUIFIERS)
 CONTROLLED ATMOSPHERES
 COOLANTS
 COOLERS
 COOLING
 COOLING SYSTEMS
 ∞ DIFFUSERS
 EXHAUST SYSTEMS
 FREON
 HEAT PUMPS
 HEATING
 HEATING EQUIPMENT
 HUMIDITY
 INFILTRATION
 LIFE SUPPORT SYSTEMS
 MODULAR INTEGRATED UTILITY SYSTEM
 REFRIGERANTS
 REFRIGERATING
 REFRIGERATING MACHINERY
 SPACE HEATING (BUILDINGS)
 TEMPERATURE
 TEMPERATURE CONTROL
 TEMPERATURE DISTRIBUTION
 THERMAL INSULATION
 ∞ TREATMENT
 VENTILATION

AIR CONDITIONING EQUIPMENT

RT ABSORBENTS

AIR CONDITIONING EQUIPMENT-(CONT.)

ABSORBERS (EQUIPMENT)
 ADSORBENTS
 BLOWERS
 COMPRESSORS
 CONDENSERS (LIQUIFIERS)
 COOLERS
 COOLING SYSTEMS
 ∞ DIFFUSERS
 ∞ EQUIPMENT
 EVAPORATORS
 ∞ FANS
 HEAT PUMPS
 HEATING EQUIPMENT
 OXYGEN SUPPLY EQUIPMENT
 REFRIGERATING MACHINERY

AIR CONDUCTIVITY

RT ATMOSPHERIC CONDUCTIVITY
 ELECTRICAL RESISTIVITY
 THERMAL CONDUCTIVITY

AIR COOLING

SN (COOLING WITH AIR)
 GS COOLING
 . AIR COOLING
 RT COOLANTS
 COOLERS
 COOLING SYSTEMS
 LIQUID COOLING
 REFRIGERATING
 VENTILATION

AIR CURRENTS

GS FLUID FLOW
 . GAS FLOW
 . AIR FLOW
 . AIR CURRENTS
 . JET STREAMS (METEOROLOGY)
 . MERIDIONAL FLOW
 . VERTICAL AIR CURRENTS
 RT ATMOSPHERIC CIRCULATION
 BAROTROPIC FLOW
 BOUNDARY LAYER TRANSITION
 CONVECTION CLOUDS
 CONVECTION CURRENTS
 ∞ CURRENTS
 GROUND WIND
 LEE WAVES
 SEA BREEZE
 UPSTREAM
 WIND (METEOROLOGY)
 WINDPOWER UTILIZATION

AIR CUSHION LANDING SYSTEMS

RT AIRCRAFT LANDING
 CUSHIONS
 GROUND EFFECT
 SKID LANDINGS

AIR CUSHION VEHICLES

USE GROUND EFFECT MACHINES

AIR DEFENSE

GS AIR DEFENSE
 . ANTIMISSILE DEFENSE
 . SAGE AIR DEFENSE SYSTEM
 RT ANTIRADIATION MISSILES
 BALLISTIC MISSILE EARLY WARNING
 SYSTEM
 CAMOUFLAGE
 CIVIL DEFENSE
 DECEPTION
 ∞ DEFENSE
 DEFENSE PROGRAM
 EARLY WARNING SYSTEMS
 ELECTRONIC WARFARE
 JAMMERS
 OPTICAL COUNTERMEASURES
 SABOTAGE
 SPACE SURVEILLANCE (GROUND
 BASED)
 SPACE SURVEILLANCE (SPACEBORNE)
 WEAPONS DELIVERY

AIR DENSITY EXPLORER A

USE EXPLORER 19 SATELLITE

AIR DENSITY/INJUN EXPLORER B

USE EXPLORER 25 SATELLITE

AIR DROP OPERATIONS

RT BAILOUT
 BALLUTES

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AIR DROP OPERATIONS-(CONT.)

CARGO
 DELIVERY
 FREE FALL
 ∞ OPERATIONS
 PARACHUTES
 PARAVULCOONS
 PARAWINGS

AIR DUCTS

GS DUCTS
 . AIR DUCTS
 RT ANNULAR DUCTS
 BLOWERS
 EXHAUST NOZZLES
 ∞ FANS
 GAS FLOW
 VENTILATORS

AIR FILTERS

GS CLEANERS
 . AIR FILTERS
 SEPARATORS
 . FLUID FILTERS
 . AIR FILTERS
 RT COOLING SYSTEMS
 DUST COLLECTORS
 ∞ FILTERS
 PRECIPITATORS
 VENTILATION

AIR FLOW

GS FLUID FLOW
 . GAS FLOW
 . AIR FLOW
 . AIR CURRENTS
 . JET STREAMS (METEOROLOGY)
 . MERIDIONAL FLOW
 . VERTICAL AIR CURRENTS
 RT AERODYNAMIC INTERFERENCE
 ATMOSPHERIC BOUNDARY LAYER
 BAROTROPIC FLOW
 BLATON FORMULA
 COMPRESSIBLE FLOW
 ∞ CURRENTS
 DUCT GEOMETRY
 DUCTED FLOW
 STREAMLINING
 STREAMS
 VENTILATION

AIR FREIGHT

USE AIR CARGO

AIR INLETS

USE AIR INTAKES

AIR INTAKES

UF AIR INLETS
 GS INTAKE SYSTEMS
 . AIR INTAKES
 . ENGINE INLETS
 . HYPERSONIC INLETS
 . INLET AIRFRAME CONFIGURATIONS
 . SUPERSONIC INLETS
 RT BYPASS RATIO
 CONICAL INLETS
 COWLINGS
 INLET NOZZLES
 INLET TEMPERATURE
 INTERNAL COMPRESSION INLETS
 MANIFOLDS
 NACELLES
 NOSE INLETS
 PLENUM CHAMBERS
 SCOOPS
 SIDE INLETS
 SUPERCHARGERS
 SUPERSONIC DIFFUSERS
 VENTILATION
 VENTILATORS
 ∞ WATER INTAKES

AIR JETS

GS FLUID FLOW
 . JET FLOW
 . AIR JETS
 FLUID JETS
 . AIR JETS
 RT GAS FLOW
 GAS JETS
 JET STREAMS (METEOROLOGY)
 ∞ JETS
 VAPOR JETS

NASA THESAURUS (VOLUME 1)

AIR LAND INTERACTIONS

RT ATMOSPHERIC BOUNDARY LAYER
ATMOSPHERIC CIRCULATION
GAS-SOLID INTERACTIONS
∞ INTERACTIONS
METEOROLOGY

AIR LAUNCHING

GS LAUNCHING
. AIR LAUNCHING
RT MULTISTAGE ROCKET VEHICLES
PIGGYBACK SYSTEMS

AIR LAW

GS LAW (JURISPRUDENCE)
. INTERNATIONAL LAW
. . AIR LAW
LAWS
. AIR LAW
RT ∞ AERONAUTICS
AIRSPACE
CIVIL AVIATION
CONVENTIONS
LEGAL LIABILITY
LIABILITIES
∞ MILITARY AVIATION
NATIONAL AIRSPACE UTILIZATION
SYSTEM
PENALTIES
POLITICS
PUBLIC LAW
REGULATIONS
SPACE LAW

AIR LOCKS

GS COMPARTMENTS
. AIR LOCKS
RT AIRLOCK MODULES
DOORS
EGRESS
ENCLOSURES
HATCHES
INGRESS (SPACECRAFT PASSAGEWAY)
∞ LOCKS
PRESSURE CHAMBERS
SEALS (STOPPERS)

AIR MAIL

GS CARGO
. AIR CARGO
. . AIR MAIL

AIR MASSES

RT ANTICYCLONES
ATMOSPHERIC CIRCULATION
COLD FRONTS
FRONTS (METEOROLOGY)
METEOROLOGY
SYNOPTIC METEOROLOGY
WARM FRONTS
WEATHER FORECASTING
WINDPOWER UTILIZATION

AIR NAVIGATION

GS NAVIGATION
. AIR NAVIGATION
. . ALL-WEATHER AIR NAVIGATION
. . AREA NAVIGATION
. . NAP-OF-THE-EARTH NAVIGATION
RT ACCORDION PROJECT
ASTRONAVIGATION
BORESIGHT ERROR
CELESTIAL NAVIGATION
CELESTIAL REFERENCE SYSTEMS
COLLISION AVOIDANCE
∞ CONTROL
DEAD RECKONING
DIGITAL NAVIGATION
DOPPLER NAVIGATION
FLIGHT INSTRUMENTS
FLIGHT PATHS
FLIGHT PLANS
FLIGHT RULES
GUIDANCE (MOTION)
HYPERBOLIC NAVIGATION
INERTIAL NAVIGATION
INSTRUMENT FLIGHT RULES
LORAN
LORAN C
LORAN D
NATIONAL AIRSPACE UTILIZATION
SYSTEM
NAVIGATION AIDS
OMEGA NAVIGATION SYSTEM
POLAR NAVIGATION

AIR NAVIGATION-(CONT.)

RADAR NAVIGATION
RADIO NAVIGATION
SHORAN
SOLAR COMPASSES
SPACE NAVIGATION
TACAN
VHF OMNIRANGE NAVIGATION
VISUAL FLIGHT

AIR PIRACY

UF HIJACKING
RT AIRCRAFT SAFETY
AIRPORT SECURITY
FLIGHT HAZARDS
FLIGHT SAFETY
OPERATIONAL HAZARDS

AIR POLLUTION

UF ATMOSPHERIC IMPURITIES
GS POLLUTION
. ENVIRONMENT POLLUTION
. . AIR POLLUTION
. . . GLOBAL AIR POLLUTION
RT ACID RAIN
AEROBIOLOGY
AEROSOLS
ASHES
ATMOSPHERIC CHEMISTRY
ATMOSPHERIC COMPOSITION
ATMOSPHERIC DENSITY
ATMOSPHERIC EFFECTS
CLEAN ENERGY
COMBUSTION PRODUCTS
CONTAMINATION
DIFFUSION
DROPS (LIQUIDS)
DUST
EARTH ATMOSPHERE
EARTH ENVIRONMENT
EFFLUENTS
ENVIRONMENT EFFECTS
ENVIRONMENT PROTECTION
ENVIRONMENTAL CHEMISTRY
ENVIRONMENTAL QUALITY
ENVIRONMENTAL SURVEYS
ENVIRONMENTS
EXHAUST GASES
EXHAUST SYSTEMS
FALLOUT
FLUE GASES
FLY ASH
FOREST FIRES
GLOBAL AIR SAMPLING PROGRAM
HAZE
HUMAN WASTES
METABOLIC WASTES
MIDDLE ATMOSPHERE
MUTAGENS
ODORS
ORGANIC PEROXIDES
OXIDIZERS
PARTICLES
PHOTOCHEMICAL OXIDANTS
POLLEN
POLLUTION MONITORING
POLLUTION TRANSPORT
POLYNUCLEAR ORGANIC COMPOUNDS
SMOG
SMOKE
SMOKE ABATEMENT
SOOT
TEMPERATURE INVERSIONS
WASTE DISPOSAL
WASTES
WIND (METEOROLOGY)

AIR PURIFICATION

GS PURIFICATION
. AIR PURIFICATION
RT CARBON DIOXIDE CONCENTRATION
CARBON DIOXIDE REMOVAL
DECONTAMINATION
ELECTROSTATIC PRECIPITATORS
HOPCALITE (TRADEMARK)
REBREATHING
STERILIZATION
VENTILATION

AIR QUALITY

GS QUALITY
. AIR QUALITY
RT EARTH ATMOSPHERE
ENVIRONMENTS
POLLUTION CONTROL

AIR TRAFFIC CONTROL

AIR QUALITY-(CONT.)

POLLUTION MONITORING

AIR SAMPLING

GS SAMPLING
. AIR SAMPLING
RT ELECTROSTATIC PRECIPITATORS
ENVIRONMENT POLLUTION
GAS ANALYSIS
GLOBAL AIR SAMPLING PROGRAM
SMOG

AIR SEA ICE INTERACTIONS

GS GAS-LIQUID INTERACTIONS
. AIR WATER INTERACTIONS
. . AIR SEA ICE INTERACTIONS
RT ∞ INTERACTIONS
SEA ICE

AIR SEA INTERACTIONS

USE AIR WATER INTERACTIONS

AIR SICKNESS

USE MOTION SICKNESS

AIR SLEW MISSILES

GS MISSILES
. AIR SLEW MISSILES
RT MANEUVERABILITY
∞ ROCKETS
SOLID PROPELLANT ROCKET ENGINES
THRUST VECTOR CONTROL

AIR TO AIR MISSILES

UF AIR TO AIR ROCKETS
GS MISSILES
. AIR TO AIR MISSILES
. . FALCON MISSILE
. . MATRA MISSILE
. . SIDEWINDER MISSILES
. . SPARROW MISSILES
. . . SPARROW 2 MISSILE
. . . SPARROW 3 MISSILE
RT ANTI-AIRCRAFT MISSILES
RAMJET MISSILES
SIAM MISSILES
SKYDART 2 ROCKET VEHICLE
SPACE WEAPONS
SURFACE TO AIR MISSILES

AIR TO AIR REFUELING

GS REFUELING
. AIR TO AIR REFUELING
RT TANKER AIRCRAFT

AIR TO AIR ROCKETS

USE AIR TO AIR MISSILES

AIR TO SURFACE MISSILES

GS MISSILES
. AIR TO SURFACE MISSILES
. . BULLPUP MISSILES
. . CONDOR MISSILE
. . HARPOON MISSILE
. . HOUND DOG MISSILE
. . MAVERICK MISSILES
. . QUAIL MISSILE
. . SHRIKE MISSILE
RT MISS DISTANCE
ORDNANCE
SURFACE TO AIR MISSILES
SURFACE TO SURFACE MISSILES
WEAPON SYSTEMS

AIR TRAFFIC

GS TRAFFIC
. AIR TRAFFIC
RT AIRCRAFT HAZARDS
AIRLINE OPERATIONS
AIRSPACE
COLLISION AVOIDANCE
FLIGHT HAZARDS
FLIGHT PATHS
FLIGHT PLANS
NATIONAL AIRSPACE UTILIZATION
SYSTEM
NATIONAL AVIATION SYSTEM

AIR TRAFFIC CONTROL

GS GROUND BASED CONTROL
. AIR TRAFFIC CONTROL
. . AUTOMATED EN ROUTE ATC
. . RADAR APPROACH CONTROL
TRAFFIC CONTROL

AIR TRAFFIC CONTROLLERS (PERSONNEL)

NASA THESAURUS (VOLUME 1)

AIR TRAFFIC CONTROL-(CONT.)

. AIR TRAFFIC CONTROL
 . . AUTOMATED EN ROUTE ATC
 . . RADAR APPROACH CONTROL
 RT AERONAUTICAL SATELLITES
 AIRBORNE RADAR APPROACH
 AIRCRAFT APPROACH SPACING
 AIRCRAFT COMMUNICATION
 AIRCRAFT GUIDANCE
 AIRCRAFT SAFETY
 AIRPORT SURFACE DETECTION
 EQUIPMENT
 AIRPORT TOWERS
 AIRPORTS
 AIRSPACE
 APPROACH
 APPROACH CONTROL
 APPROACH INDICATORS
 ATTITUDE CONTROL
 AUTOMATED PILOT ADVISORY SYSTEM
 AUTOMATED RADAR TERMINAL SYSTEM
 BEACON COLLISION AVOIDANCE
 SYSTEM
 COLLISION AVOIDANCE
 COLLISIONS
 DISCRETE ADDRESS BEACON SYSTEM
 FLIGHT ALTITUDE
 FLIGHT CONTROL
 FLIGHT PATHS
 FLIGHT PLANS
 FLIGHT RULES
 FLIGHT SAFETY
 FLIGHT TIME
 GROUND SUPPORT EQUIPMENT
 GROUND-AIR-GROUND COMMUNICATION
 HELIPORTS
 INSTRUMENT FLIGHT RULES
 INSTRUMENT LANDING SYSTEMS
 LANDING
 LANDING AIDS
 LANDING INSTRUMENTS
 LANDING RADAR
 LOCATES SYSTEM
 MICROWAVE LANDING SYSTEMS
 MIDAIR COLLISIONS
 MILITARY AIR FACILITIES
 NATIONAL AIRSPACE UTILIZATION
 SYSTEM
 NATIONAL AVIATION SYSTEM
 NAVIGATION AIDS
 ∞ OPERATIONS
 RADAR NAVIGATION
 RADIO NAVIGATION
 ROUTES
 SOLAR COMPASSES
 SURVEILLANCE RADAR
 TAKEOFF
 TAXIING
 TOWERS
 TRACKING (POSITION)
 TRANSPONDERS
 VORTEX ADVISORY SYSTEM
 VORTEX AVOIDANCE

AIR TRAFFIC CONTROLLERS (PERSONNEL)

GS PERSONNEL
 . AIR TRAFFIC CONTROLLERS
 (PERSONNEL)
 RT AIRPORT TOWERS
 GROUND BASED CONTROL
 LANDING AIDS
 TRAFFIC CONTROL

AIR TRANSPORTATION

GS TRANSPORTATION
 . AIR TRANSPORTATION
 RT COMPOUND HELICOPTERS
 MARINE TRANSPORTATION
 NATIONAL AVIATION SYSTEM
 RAPID TRANSIT SYSTEMS
 SHORT HAUL AIRCRAFT
 TRANSPORT AIRCRAFT

AIR WATER INTERACTIONS

UF AIR SEA INTERACTIONS
 GS GAS-LIQUID INTERACTIONS
 . AIR WATER INTERACTIONS
 . . AIR SEA ICE INTERACTIONS
 RT ATMOSPHERIC & OCEANOGRAPHIC
 INFORM SYS
 ∞ INTERACTIONS
 LIQUID-GAS MIXTURES
 LIQUID-VAPOR INTERFACES
 OCEAN DYNAMICS
 OCEAN MODELS

AIR WATER INTERACTIONS-(CONT.)

WATER TUNNEL TESTS

AIRBORNE EQUIPMENT

GS ONBOARD EQUIPMENT
 . AIRBORNE EQUIPMENT
 . . AIRBORNE/SPACEBORNE
 COMPUTERS
 . . LIGHT AIRBORNE MULTIPURPOSE
 SYSTEM
 . . TERCOM
 RT ADVANCED RANGE INSTRUMENTATION
 AIRCRAFT
 AIRCRAFT COMMUNICATION
 AIRCRAFT EQUIPMENT
 AUTOMATIC LANDING CONTROL
 AVIONICS
 BALLOON-BORNE INSTRUMENTS
 ∞ ELECTRIC EQUIPMENT
 EQUIPMENT
 FLIGHT INSTRUMENTS
 HYDRAULIC EQUIPMENT
 MAP MATCHING GUIDANCE
 MATTS (SYSTEMS)
 RADAR EQUIPMENT
 RADIO EQUIPMENT

AIRBORNE INFECTION

GS DISEASES
 . INFECTIOUS DISEASES
 . . AIRBORNE INFECTION
 RT AEROBIOLOGY
 PARASITIC DISEASES

AIRBORNE INTEGRATED RECONNAISSANCE SYSTEM

UF AIRS (RECONNAISSANCE SYS)
 GS RECONNAISSANCE
 . AERIAL RECONNAISSANCE
 . . AIRBORNE INTEGRATED
 RECONNAISSANCE SYSTEM
 RT GROUND TRUTH
 PHOTORECONNAISSANCE
 TARGETS

AIRBORNE RADAR APPROACH

GS APPROACH
 . AIRBORNE RADAR APPROACH
 RT AIR TRAFFIC CONTROL
 AIRCRAFT APPROACH SPACING
 HELICOPTER CONTROL
 HELICOPTERS
 LANDING AIDS
 RADAR APPROACH CONTROL

AIRBORNE RANGE AND ORBIT DETERMINATION

UF AROD (RANGE-ORBIT DETERMINATION)
 GS RANGEFINDING
 . AIRBORNE RANGE AND ORBIT
 DETERMINATION
 RT ∞ MEASUREMENT
 ORBITS

AIRBORNE SURVEILLANCE RADAR

GS RADAR
 . SURVEILLANCE RADAR
 . . AIRBORNE SURVEILLANCE RADAR
 RT AIRCRAFT INSTRUMENTS
 DISPLAY DEVICES
 ONBOARD EQUIPMENT

AIRBORNE WARNING AND CONTROL SYSTEM

USE AWACS AIRCRAFT

AIRBORNE/SPACEBORNE COMPUTERS

UF FLIGHT COMPUTERS
 ONBOARD COMPUTERS
 GS DATA PROCESSING EQUIPMENT
 . COMPUTERS
 . . AIRBORNE/SPACEBORNE
 COMPUTERS
 ONBOARD EQUIPMENT
 . AIRBORNE EQUIPMENT
 . . AIRBORNE/SPACEBORNE
 COMPUTERS
 RT DATA PROCESSING
 MINICOMPUTERS
 ONBOARD DATA PROCESSING
 SPACECRAFT COMPONENTS
 SPACECRAFT ELECTRONIC EQUIPMENT
 SYSTEMS INTEGRATION

AIRBUS

USE EUROPEAN AIRBUS

∞ AIRCRAFT

SN (USE OF A MORE SPECIFIC TERM IS
 RECOMMENDED-CONSULT THE TERMS
 LISTED BELOW)
 UF AERODYNAMIC VEHICLES
 RT AERODYNAMICS
 AERONAUTICAL ENGINEERING
 AEROSPACE ENGINEERING
 AEROSPACE INDUSTRY
 AEROSPACE VEHICLES
 AEROSPACEPLANES
 AGRICULTURAL AIRCRAFT
 AIRCRAFT INSTRUMENTS
 AIRCRAFT RUNUP
 AIRSHIPS
 ALOUETTE HELICOPTERS
 ALPHA JET AIRCRAFT
 AMPHIBIOUS AIRCRAFT
 ANTISUBMARINE WARFARE AIRCRAFT
 ANTONOV AIRCRAFT
 ASRO AIRCRAFT
 ASSET GLIDERS
 ATTACK AIRCRAFT
 AWACS AIRCRAFT
 BAC AIRCRAFT
 BALLOONS
 BEAGLE AIRCRAFT
 BEECH 99 AIRCRAFT
 BEECHCRAFT AIRCRAFT
 BELL AIRCRAFT
 BELL 214A HELICOPTER
 BIPLANES
 BOEING AIRCRAFT
 BOEING 767 AIRCRAFT
 BOLKOW AIRCRAFT
 BOMBER AIRCRAFT
 BOOSTGLIDE VEHICLES
 BREGUET AIRCRAFT
 CANADAIR AIRCRAFT
 CARGO AIRCRAFT
 CESSNA AIRCRAFT
 CHANCE-VOUGHT AIRCRAFT
 CL-600 CHALLENGER AIRCRAFT
 COIN AIRCRAFT
 COMMERCIAL AIRCRAFT
 COMPOUND HELICOPTERS
 CONCORDE AIRCRAFT
 CURTISS-WRIGHT AIRCRAFT
 DASSAULT AIRCRAFT
 DE HAVILLAND AIRCRAFT
 DHC 2 AIRCRAFT
 DINFIA AIRCRAFT
 DORNIER AIRCRAFT
 DOUGLAS AIRCRAFT
 EARTH RESOURCES SURVEY AIRCRAFT
 ELECTRA AIRCRAFT
 ELECTRONIC AIRCRAFT
 ENGLISH ELECTRIC AIRCRAFT
 ENSTROM AIRCRAFT
 EUROPEAN AIRBUS
 EWR AIRCRAFT
 FAIRCHILD-HILLER AIRCRAFT
 FAIREY AIRCRAFT
 FAN IN WING AIRCRAFT
 FIAT AIRCRAFT
 FIGHTER AIRCRAFT
 FLIGHT TEST VEHICLES
 FLYING PLATFORMS
 FOKKER AIRCRAFT
 FOLDING FIN AIRCRAFT ROCKET
 VEHICLE
 FREE WING AIRCRAFT
 GENERAL AVIATION AIRCRAFT
 GENERAL DYNAMICS AIRCRAFT
 GETOL AIRCRAFT
 GLIDERS
 GRASSHOPPER HELICOPTER
 GROUND EFFECT MACHINES
 GRUMMAN AIRCRAFT
 GYRODYNE AIRCRAFT
 H-60 HELICOPTER
 HAMBURGER AIRCRAFT
 HANDLEY PAGE AIRCRAFT
 HANG GLIDERS
 HAWKER SIDDELEY AIRCRAFT
 HEAVY LIFT HELICOPTERS
 HEINKEL AIRCRAFT
 HELICOPTERS
 HELIO AIRCRAFT
 HILLER AIRCRAFT
 HOVERCRAFT GROUND EFFECT
 MACHINES
 HUGHES AIRCRAFT
 HYPERSONIC AIRCRAFT
 HYPERSONIC GLIDERS
 ILYUSHIN AIRCRAFT

AIRCRAFT-(CONT.)

INFLATABLE GLIDERS
 JAGUAR AIRCRAFT
 JET AIRCRAFT
 JETSTREAM AIRCRAFT
 JINDIVIK TARGET AIRCRAFT
 KA-6 SAILPLANES
 KAMAN AIRCRAFT
 KAWASAKI AIRCRAFT
 LEAR JET AIRCRAFT
 LIFTING REENTRY VEHICLES
 LIGHT AIRCRAFT
 LIGHT INTRATHEATER TRANSPORT
 LIGHT TRANSPORT AIRCRAFT
 LING-TEMCO-VOUGHT AIRCRAFT
 LOCKHEED AIRCRAFT
 ∞ LOW WING AIRCRAFT
 MAN POWERED AIRCRAFT
 MARTIN AIRCRAFT
 MCDONNELL AIRCRAFT
 MCDONNELL DOUGLAS AIRCRAFT
 MERCURE AIRCRAFT
 METEOROLOGICAL RESEARCH
 AIRCRAFT
 MIL AIRCRAFT
 ∞ MILITARY AIRCRAFT
 MILITARY HELICOPTERS
 MONOPLANES
 MRCA AIRCRAFT
 MULTIENGINE VEHICLES
 NAVION AIRCRAFT
 NIHON AIRCRAFT
 NORD AIRCRAFT
 NORTH AMERICAN AIRCRAFT
 NORTHROP AIRCRAFT
 NUCLEAR PROPELLED AIRCRAFT
 OBSERVATION AIRCRAFT
 OMNIPOL AIRCRAFT
 ONBOARD EQUIPMENT
 PA-34 SENECA AIRCRAFT
 PANAVIA MILITARY AIRCRAFT
 PASSENGER AIRCRAFT
 PHANTOM AIRCRAFT
 PIAGGIO AIRCRAFT
 PIASECKI AIRCRAFT
 PILOTLESS AIRCRAFT
 PIPER AIRCRAFT
 POTEZ AIRCRAFT
 POWERED LIFT AIRCRAFT
 PROPULSION
 QUESTOL
 RECONNAISSANCE AIRCRAFT
 REMOTELY PILOTED VEHICLES
 REPUBLIC AIRCRAFT
 RESEARCH AIRCRAFT
 RHEIN AIRCRAFT
 RIGID ROTOR HELICOPTERS
 ROCKET PLANES
 ROTARY WING AIRCRAFT
 ROTOR SYSTEMS RESEARCH AIRCRAFT
 ROTORCRAFT AIRCRAFT
 RYAN AIRCRAFT
 SAAB AIRCRAFT
 SCHLEICHER AIRCRAFT
 SHORT AND HARLAND AIRCRAFT
 SHORT HAUL AIRCRAFT
 SHORT TAKEOFF AIRCRAFT
 SIAT AIRCRAFT
 SIEBEL AIRCRAFT
 SIKORSKY AIRCRAFT
 SIKORSKY WHIRLWIND HELICOPTER
 SNOW AIRCRAFT
 SOLAR POWERED AIRCRAFT
 SPANLOADER AIRCRAFT
 SUBMERSIBLE AIRCRAFT
 ∞ SUBSONIC AIRCRAFT
 SUD AVIATION AIRCRAFT
 SUPERSONIC AIRCRAFT
 TACT PROGRAM
 TAILLESS AIRCRAFT
 TANDEM ROTOR HELICOPTERS
 TANDEM WING AIRCRAFT
 TANKER AIRCRAFT
 TARGET DRONE AIRCRAFT
 TERRAIN FOLLOWING AIRCRAFT
 TEST VEHICLES
 TILT WING AIRCRAFT
 TRAINING AIRCRAFT
 TRANSPORT AIRCRAFT
 TUPOLEV AIRCRAFT
 TURBOPROP AIRCRAFT
 UNIDENTIFIED FLYING OBJECTS
 UTILITY AIRCRAFT
 V/STOL AIRCRAFT
 VATOL AIRCRAFT
 VERTICAL TAKEOFF AIRCRAFT

AIRCRAFT-(CONT.)

WATER TAKEOFF AND LANDING
 AIRCRAFT
 WEAPONS DELIVERY
 WEATHER RECONNAISSANCE AIRCRAFT
 WESER AIRCRAFT
 WESTLAND AIRCRAFT
 WESTLAND GROUND EFFECT MACHINES
 WESTLAND WHIRLWIND HELICOPTER
 WING NACELLE CONFIGURATIONS
 ∞ WINGED VEHICLES
 XV-15 AIRCRAFT

AIRCRAFT ACCIDENT INVESTIGATION

GS INVESTIGATION
 . ACCIDENT INVESTIGATION
 . **AIRCRAFT ACCIDENT INVESTIGATION**

AIRCRAFT ACCIDENTS

GS **AIRCRAFT ACCIDENTS**
 . BIRD-AIRCRAFT COLLISIONS
 RT ACCIDENTS
 COLLISIONS
 CRASH LANDING
 CRASHES
 CRASHWORTHINESS
 DITCHING (LANDING)
 FLIGHT HAZARDS
 HUMAN FACTORS ENGINEERING
 MALFUNCTIONS
 MIDAIR COLLISIONS
 PILOT ERROR
 WEATHER

AIRCRAFT ANTENNAS

GS ANTENNAS
 . **AIRCRAFT ANTENNAS**
 RT LOOP ANTENNAS
 MICROWAVE ANTENNAS
 MISSILE ANTENNAS
 PROTUBERANCES
 RADAR ANTENNAS
 RADIO ANTENNAS

AIRCRAFT APPROACH SPACING

GS SPACING
 . **AIRCRAFT APPROACH SPACING**
 RT AERONAUTICAL SATELLITES
 AIR TRAFFIC CONTROL
 AIRBORNE RADAR APPROACH
 AIRSPACE
 APPROACH
 APPROACH CONTROL
 COLLISION AVOIDANCE
 GLIDE PATHS
 GROUND BASED CONTROL
 INSTRUMENT APPROACH
 NATIONAL AIRSPACE UTILIZATION
 SYSTEM
 NATIONAL AVIATION SYSTEM
 VORTEX ADVISORY SYSTEM
 VORTEX AVOIDANCE

AIRCRAFT BASES

USE MILITARY AIR FACILITIES

AIRCRAFT BRAKES

GS BRAKES (FOR ARRESTING MOTION)
 . **AIRCRAFT BRAKES**
 . . . SPLIT BRAKES
 . . . WING FLAPS
 . . . LEADING EDGE SLATS
 . . . TRAILING-EDGE FLAPS
 RT AERODYNAMIC BRAKES
 ANTISKID DEVICES
 BALLUTES
 DRAG CHUTES
 DRAG DEVICES
 THRUST REVERSAL
 TOWED BODIES
 WHEEL BRAKES

AIRCRAFT CABINS

USE AIRCRAFT COMPARTMENTS

AIRCRAFT CARRIERS

GS SURFACE VEHICLES
 . **AIRCRAFT CARRIERS**
 . WATER VEHICLES
 . SHIPS
 . . **AIRCRAFT CARRIERS**
 RT ARRESTING GEAR
 ∞ CARRIERS
 . MILITARY AIR FACILITIES
 ∞ MILITARY AIRCRAFT

AIRCRAFT CARRIERS-(CONT.)

∞ MILITARY VEHICLES
 NAVY
 NUCLEAR POWERED SHIPS

AIRCRAFT COMMUNICATION

GS COMMUNICATING
 . **AIRCRAFT COMMUNICATION**
 TELECOMMUNICATION
 . **AIRCRAFT COMMUNICATION**
 RT AERONAUTICAL SATELLITES
 AIR TRAFFIC CONTROL
 AIRBORNE EQUIPMENT
 APPROACH CONTROL
 AVIONICS
 GROUND-AIR-GROUND COMMUNICATION
 RADAR BEACONS
 RADIO COMMUNICATION
 WIRELESS COMMUNICATION

AIRCRAFT COMPARTMENTS

UF AIRCRAFT CABINS
 GS COMPARTMENTS
 . **AIRCRAFT COMPARTMENTS**
 RT BAYS (STRUCTURAL UNITS)
 CABIN ATMOSPHERES
 ∞ CABINS
 COCKPITS
 GONDOLAS
 PRESSURIZED CABINS
 WINDSHIELDS

AIRCRAFT CONFIGURATIONS

UF FIXED-WING AIRCRAFT
 GS **AIRCRAFT CONFIGURATIONS**
 . DROOPED AIRFOILS
 RT AERODYNAMIC CONFIGURATIONS
 AERODYNAMIC INTERFERENCE
 COMPOUND HELICOPTERS
 CONTROL CONFIGURED VEHICLES
 FLARED BODIES
 . ∞ FLIGHT VEHICLES
 ∞ LOW WING AIRCRAFT
 MISSILE CONFIGURATIONS
 PROPULSION SYSTEM CONFIGURATIONS
 SPACECRAFT CONFIGURATIONS
 UNDER SURFACE BLOWING
 UPPER SURFACE BLOWING
 WING ROOTS

AIRCRAFT CONSTRUCTION

USE AIRCRAFT STRUCTURES

AIRCRAFT CONSTRUCTION MATERIALS

GS **AIRCRAFT CONSTRUCTION MATERIALS**
 . AIRFRAME MATERIALS
 RT AIRFRAMES
 COMPOSITE MATERIALS
 ∞ CONSTRUCTION MATERIALS
 FUSELAGES
 PLASTIC AIRCRAFT STRUCTURES
 SKIN (STRUCTURAL MEMBER)
 STRUCTURAL MEMBERS
 WINGS

AIRCRAFT CONTROL

UF FLAP CONTROL
 GS **AIRCRAFT CONTROL**
 . HELICOPTER CONTROL
 RT ACTIVE CONTROL
 ATTITUDE CONTROL
 AUTOMATIC CONTROL
 AUTOMATIC FLIGHT CONTROL
 ∞ CONTROL
 CONTROL EQUIPMENT
 CONTROL SIMULATION
 CONTROL STABILITY
 CONTROL STICKS
 CONTROLLABILITY
 DIRECTIONAL CONTROL
 ENGINE CONTROL
 FLIGHT CONTROL
 FLIGHT INSTRUMENTS
 FLY BY TUBE CONTROL
 FLY BY WIRE CONTROL
 GROUND BASED CONTROL
 LATERAL CONTROL
 LONGITUDINAL CONTROL
 MANEUVERABILITY
 MANUAL CONTROL
 MINOR CIRCLE TURNING FLIGHT
 RADIO CONTROL
 REMOTE CONTROL
 STABILITY AUGMENTATION
 TURBOJET ENGINE CONTROL

AIRCRAFT DESIGN

AIRCRAFT CONTROL-(CONT.)

VISUAL CONTROL

AIRCRAFT DESIGN

GS **AIRCRAFT DESIGN**
 . HELICOPTER DESIGN
 RT ACOUSTIC RETROFITTING
 AERODYNAMIC CONFIGURATIONS
 AERONAUTICAL ENGINEERING
 AEROQUATIC VEHICLES
 AIRFOILS
 CHANNEL WINGS
 COMPOUND HELICOPTERS
 COMPUTERIZED DESIGN
 CONTROL CONFIGURED VEHICLES
 ∞ DESIGN
 ENGINE AIRFRAME INTEGRATION
 ENGINE DESIGN
 FLIGHT TESTS
 FREE WING AIRCRAFT
 LOFTING
 MISSILE DESIGN
 NAC-60 AIRCRAFT
 PANAVIA MILITARY AIRCRAFT
 PRODUCT DEVELOPMENT
 ROTOR SYSTEMS RESEARCH AIRCRAFT
 SHORT HAUL AIRCRAFT
 STREAMLINING
 STRUCTURAL DESIGN
 SYSTEMS ENGINEERING
 TERMINAL CONFIGURED VEHICLE
 PROGRAM
 TU-154 AIRCRAFT
 VORTEX SHEETS
 WEIGHT REDUCTION
 YF-12 AIRCRAFT

AIRCRAFT DETECTION

GS DETECTION
 . **AIRCRAFT DETECTION**
 RT ∞ DETECTORS
 IFF SYSTEMS (IDENTIFICATION)
 INFRARED SUPPRESSION
 TRACKING (POSITION)

AIRCRAFT ENGINES

UF AIRCRAFT POWER SOURCES
 GS **AIRCRAFT ENGINES**
 . HELICOPTER ENGINES
 . J-44 ENGINE
 . J-52 ENGINE
 . J-58 ENGINE
 . J-84 ENGINE
 . J-97 ENGINE
 . T-34 ENGINE
 . T-38 ENGINE
 . T-55 ENGINE
 . T-63 ENGINE
 . T-76 ENGINE
 . T-78 ENGINE
 . TF-30 ENGINE
 . TF-34 ENGINE
 . TF-41 ENGINE
 . VARIABLE CYCLE ENGINES
 . VARIABLE STREAM CONTROL ENGINES
 RT ENGINE AIRFRAME INTEGRATION
 GAS TURBINE ENGINES
 HYDROGEN ENGINES
 INFRARED SUPPRESSION
 INTERNAL COMBUSTION ENGINES
 JET ENGINES
 JET PROPULSION
 LASER PROPULSION
 NUCLEAR PROPULSION
 PISTON ENGINES
 ∞ POWER SUPPLIES
 PTL-6 ENGINE
 QUIET ENGINE PROGRAM
 ROCKET ENGINES
 T-58 ENGINE
 T-58-GE-8B ENGINE
 TURBINE ENGINES
 WANKEL ENGINES

AIRCRAFT EQUIPMENT

GS ONBOARD EQUIPMENT
 . **AIRCRAFT EQUIPMENT**
 . . BOMBING EQUIPMENT
 . . FLYING EJECTION SEATS
 . . TERCOM
 RT AIRBORNE EQUIPMENT
 AUTOMATIC LANDING CONTROL
 AUTOMATIC PILOTS
 AVIONICS
 COMMONALITY (EQUIPMENT)

AIRCRAFT EQUIPMENT-(CONT.)

DISPLAY DEVICES
 FLIGHT INSTRUMENTS
 LANDING AIDS
 LANDING INSTRUMENTS
 LIGHT AIRBORNE MULTIPURPOSE
 SYSTEM
 NAVIGATION AIDS
 NAVIGATION INSTRUMENTS
 RADIO DIRECTION FINDERS

AIRCRAFT FUEL SYSTEMS

GS FUEL SYSTEMS
 . **AIRCRAFT FUEL SYSTEMS**
 RT FUEL PUMPS
 FUEL TANK PRESSURIZATION
 FUEL TANKS
 FUEL VALVES
 ∞ SYSTEMS

AIRCRAFT FUELS

GS FUELS
 . CHEMICAL FUELS
 . . **AIRCRAFT FUELS**
 . . . LIQUID FUELS
 RT ANTIMISTING FUELS
 AUTOMOBILE FUELS
 HYDROCARBON FUELS
 JET ENGINE FUELS
 LIQUID ROCKET PROPELLANTS
 MONOPROPELLANTS
 SLURRY PROPELLANTS
 SOLID PROPELLANTS
 TANKER AIRCRAFT

AIRCRAFT GUIDANCE

GS GUIDANCE (MOTION)
 . **AIRCRAFT GUIDANCE**
 RT AIR TRAFFIC CONTROL
 APPROACH CONTROL
 AUTOMATED EN ROUTE ATC
 COLLISION AVOIDANCE
 ∞ INDICATORS
 INSTRUMENT LANDING SYSTEMS
 RADAR APPROACH CONTROL
 RADAR NAVIGATION
 RADARSCOPES
 RADIO NAVIGATION

AIRCRAFT HAZARDS

GS HAZARDS
 . **AIRCRAFT HAZARDS**
 RT AIR TRAFFIC
 BIRD-AIRCRAFT COLLISIONS
 BIRDS
 COLLISIONS
 CRASH LANDING
 CRASHES
 FLIGHT HAZARDS
 FLIGHT SAFETY
 FOREIGN BODIES
 HUMAN FACTORS ENGINEERING
 MALFUNCTIONS
 MIDAIR COLLISIONS
 NOISE (SOUND)
 OPERATIONAL HAZARDS
 REFUELING
 THREAT EVALUATION
 TOXIC HAZARDS
 WEATHER

AIRCRAFT HYDRAULIC SYSTEMS

GS HYDRAULIC EQUIPMENT
 . **AIRCRAFT HYDRAULIC SYSTEMS**
 RT ACTUATORS
 SERVOCONTROL
 SERVOMECHANISMS
 ∞ SYSTEMS

AIRCRAFT INDUSTRY

GS INDUSTRIES
 . AEROSPACE INDUSTRY
 . . **AIRCRAFT INDUSTRY**
 RT AERONAUTICAL ENGINEERING
 AIRPLANE PRODUCTION COSTS

AIRCRAFT INSTRUMENTS

GS **AIRCRAFT INSTRUMENTS**
 . ALTIMETERS
 . . RADIO ALTIMETERS
 . . APPROACH INDICATORS
 . . ATTITUDE INDICATORS
 . . GYRO HORIZONS
 . . AUTOMATIC PILOTS
 . COMPASSES

AIRCRAFT INSTRUMENTS-(CONT.)

. GYROCOMPASSES
 . MAGNETIC COMPASSES
 . SOLAR COMPASSES
 . FLIGHT RECORDERS
 . POSITION INDICATORS
 . PLAN POSITION INDICATORS
 . RADIO DIRECTION FINDERS
 . SPACECRAFT POSITION INDICATORS
 . RATE OF CLIMB INDICATORS
 . SPEED INDICATORS
 . ANEMOMETERS
 . . DRAG FORCE ANEMOMETERS
 . . HOT-WIRE ANEMOMETERS
 . . SONIC ANEMOMETERS
 . . TACHOMETERS
 RT AIRBORNE SURVEILLANCE RADAR
 AUTOMATIC FLIGHT CONTROL
 AVIONICS
 DISPLAY DEVICES
 FLIGHT CONTROL
 FLIGHT INSTRUMENTS
 FLIGHT PATHS
 FLIGHT TEST INSTRUMENTS
 INDICATING INSTRUMENTS
 INSTRUMENT APPROACH
 INSTRUMENT LANDING SYSTEMS
 ∞ INSTRUMENTS
 I2S CAMERAS
 LANDING AIDS
 LANDING INSTRUMENTS
 LIGHT EMITTING DIODES
 ∞ MEASUREMENT
 MEASURING INSTRUMENTS
 MONITORS
 NAVIGATION AIDS
 NAVIGATION INSTRUMENTS
 RADAR
 RECORDING INSTRUMENTS

AIRCRAFT LANDING

GS LANDING
 . **AIRCRAFT LANDING**
 . . CRASH LANDING
 . . . DITCHING (LANDING)
 . . SKID LANDINGS
 RT AIR CUSHION LANDING SYSTEMS
 ALL-WEATHER LANDING SYSTEMS
 BLIND LANDING
 CEILINGS (METEOROLOGY)
 CONTROLLABILITY
 CRASHWORTHINESS
 GLIDE LANDINGS
 HARD LANDING
 INSTRUMENT LANDING SYSTEMS
 LANDING AIDS
 LANDING MATS
 LANDING RADAR
 LOW VISIBILITY
 MICROWAVE LANDING SYSTEMS
 RUNWAY ALIGNMENT
 SOFT LANDING
 SPACECRAFT LANDING
 TAKEOFF
 TOUCHDOWN
 VERTICAL LANDING
 VORTEX AVOIDANCE
 WATER LANDING

AIRCRAFT LAUNCHING DEVICES

UF TAKEOFF SYSTEMS
 GS LAUNCHERS
 . **AIRCRAFT LAUNCHING DEVICES**
 . . JATO ENGINES
 . . . ROCKET ENGINE 2KS-36250
 . . . ROCKET ENGINE 15KS-25000
 RT CATAPULTS

AIRCRAFT LIGHTS

GS LIGHTING EQUIPMENT
 . **AIRCRAFT LIGHTS**
 RT BEACONS

AIRCRAFT MAINTENANCE

GS MAINTENANCE
 . **AIRCRAFT MAINTENANCE**
 RT CHECKOUT
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AIRCRAFT MANEUVERS

GS MANEUVERS
 . **AIRCRAFT MANEUVERS**
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AIRCRAFT MODELS

GS MODELS
 . **AIRCRAFT MODELS**
RT DYNAMIC MODELS
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AIRCRAFT NOISE

GS ELASTIC WAVES
 . SOUND WAVES
 . . . NOISE (SOUND)
 . . . **AIRCRAFT NOISE**
 JET AIRCRAFT NOISE
 SONIC BOOMS
RT ACOUSTIC RETROFITTING
 AEROACOUSTICS
 AERODYNAMIC NOISE
 BLADE SLAP NOISE
 COAXIAL NOZZLES
 ENGINE NOISE
 FOOTPRINTS
 JET AIRCRAFT
 MUFFLERS
 NOISE INTENSITY
 NOISE MEASUREMENT
 NOISE PREDICTION (AIRCRAFT)
 NOISE REDUCTION

AIRCRAFT NOISE PREDICTION

USE NOISE PREDICTION (AIRCRAFT)

AIRCRAFT PARTS

RT AIRFOILS
 AIRFRAMES
 CHANNEL WINGS
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 FUSELAGES
 LANDING GEAR
 OBLIQUE WINGS
 PROTUBERANCES
 SWING TAIL ASSEMBLIES
 SWING WINGS
 TAIL ASSEMBLIES
 WINGS

AIRCRAFT PERFORMANCE

GS **AIRCRAFT PERFORMANCE**
 . HELICOPTER PERFORMANCE
RT AERODYNAMIC STALLING
 AIRCRAFT SPIN
 AIRSPEED
 CONTROLLABILITY
 DISTANCE
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 MINIMUM DRAG
 PAYLOADS
 . . . PERFORMANCE
 . . . PILOT PERFORMANCE
 . . . SPECIFICATIONS
 . . . TAKEOFF RUNS

AIRCRAFT PILOTS

UF AVIATORS
 COPILOTS
 JET PILOTS
GS PERSONNEL
 . FLYING PERSONNEL
 . . . PILOTS (PERSONNEL)
 . . . **AIRCRAFT PILOTS**
 TEST PILOTS
 . . . OPERATORS (PERSONNEL)
 . . . PILOTS (PERSONNEL)
 . . . **AIRCRAFT PILOTS**
 TEST PILOTS
RT FLIGHT CREWS
 . . . PILOTS

AIRCRAFT POWER SOURCES

USE AIRCRAFT ENGINES

AIRCRAFT PRODUCTION

UF FUSELAGE MOUNTING

AIRCRAFT PRODUCTION-(CONT.)

RT COSTS
 EQUIPMENT SPECIFICATIONS
 PRODUCT DEVELOPMENT
 . . . PRODUCTION
 . . . PRODUCTION ENGINEERING

AIRCRAFT PRODUCTION COSTS

GS COSTS
 . **AIRCRAFT PRODUCTION COSTS**
 . . . AIRPLANE PRODUCTION COSTS
RT EFFICIENCY
 FINANCIAL MANAGEMENT
 INDUSTRIES
 MANUFACTURING
 PRODUCTION ENGINEERING
 PRODUCTION MANAGEMENT
 PRODUCTIVITY

AIRCRAFT RELIABILITY

UF AIRWORTHINESS
 AIRWORTHINESS REQUIREMENTS
GS RELIABILITY
 . **AIRCRAFT RELIABILITY**
RT CERTIFICATION
 CIRCUIT RELIABILITY
 COMPONENT RELIABILITY
 HELICOPTER PERFORMANCE
 QUALITY CONTROL
 STRUCTURAL RELIABILITY
 VULNERABILITY

AIRCRAFT RUNUP

GS PREFLIGHT OPERATIONS
 . **AIRCRAFT RUNUP**
RT . . . AIRCRAFT
 ENGINE NOISE
 ENGINE TESTS
 GROUND TESTS
 JET AIRCRAFT NOISE

AIRCRAFT SAFETY

GS SAFETY
 . **AIRCRAFT SAFETY**
RT ABORT APPARATUS
 AEROSPACE SAFETY
 AIR PIRACY
 AIR TRAFFIC CONTROL
 ALL-WEATHER LANDING SYSTEMS
 ARRESTING GEAR
 BEACON COLLISION AVOIDANCE
 SYSTEM
 COLLISION AVOIDANCE
 COLLISIONS
 CRASH LANDING
 CRASHES
 CRASHWORTHINESS
 EJECTION SEATS
 FLIGHT HAZARDS
 FLIGHT SAFETY
 FLYING EJECTION SEATS
 LANDING AIDS
 LANDING RADAR
 MICROWAVE LANDING SYSTEMS
 MIDAIR COLLISIONS
 NAVIGATION AIDS
 SAFETY DEVICES
 SOLAR COMPASSES
 THREAT EVALUATION
 WEATHER
 WHEEL BRAKES

AIRCRAFT SPECIFICATIONS

GS SPECIFICATIONS
 . **AIRCRAFT SPECIFICATIONS**
RT AIRSPEED
 CEILING (AIRCRAFT CAPABILITY)
 CONTROLLABILITY
 DISTANCE
 FLIGHT CHARACTERISTICS
 PAYLOADS

AIRCRAFT SPIN

RT AERODYNAMIC STALLING
 AIRCRAFT PERFORMANCE
 CONTROL STABILITY
 CONTROLLABILITY
 CRASH LANDING
 FLIGHT HAZARDS
 HAZARDS
 MANEUVERS
 SPIN DYNAMICS

AIRCRAFT STABILITY

GS DYNAMIC CHARACTERISTICS

AIRCRAFT STABILITY-(CONT.)

. DYNAMIC STABILITY
 . . . MOTION STABILITY
 . . . **AIRCRAFT STABILITY**
 HOVERING STABILITY
STABILITY
 . DYNAMIC STABILITY
 . . . MOTION STABILITY
 . . . **AIRCRAFT STABILITY**
 HOVERING STABILITY
RT AERODYNAMIC BALANCE
 AERODYNAMIC STABILITY
 ATTITUDE STABILITY
 BUFFETING
 CONTROL STABILITY
 CONTROLLABILITY
 COUNTERBALANCES
 DIRECTIONAL STABILITY
 HORIZONTAL FLIGHT
 LATERAL STABILITY
 LIQUID SLOSHING
 LONGITUDINAL STABILITY
 LOW SPEED STABILITY
 STATIC STABILITY
 STRUCTURAL STABILITY
 TURNING FLIGHT
 UPPER SURFACE BLOWN FLAPS
 WIND TUNNEL STABILITY TESTS

AIRCRAFT STRUCTURES

UF AIRCRAFT CONSTRUCTION
GS **AIRCRAFT STRUCTURES**
 . AFTERBODIES
 . AIRFRAMES
 . CENTERBODIES
 . FOREBODIES
 . . . NOSES (FOREBODIES)
 . FUSELAGES
 . PLASTIC AIRCRAFT STRUCTURES
RT AERODYNAMIC INTERFERENCE
 AEROELASTICITY
 AIRFOILS
 BORON-EPOXY COMPOUNDS
 CANARD CONFIGURATIONS
 CANOPIES
 CHANNEL WINGS
 CONTROL SURFACES
 FAIRINGS
 HULLS (STRUCTURES)
 LEADING EDGE FLAPS
 OBLIQUE WINGS
 PYLON MOUNTING
 SHELLS (STRUCTURAL FORMS)
 SPACECRAFT STRUCTURES
 STREAMLINING
 . . . STRUCTURES
 . . . SWING TAIL ASSEMBLIES
 . . . SWING WINGS
 . . . TAIL ASSEMBLIES
 . . . WINGS

AIRCRAFT SURVIVABILITY

RT COMBAT
 . . . CONSTRUCTION MATERIALS
 . . . DURABILITY
 . . . FLIGHT CONTROL
 . . . HELICOPTERS
 . . . LIFE (DURABILITY)
 . . . MILITARY AIRCRAFT
 . . . PLASTIC AIRCRAFT STRUCTURES
 . . . REINFORCED PLASTICS
 . . . RELIABILITY
 . . . SPACECRAFT SURVIVABILITY
 . . . SURVIVAL
 . . . SURVIVAL EQUIPMENT
 . . . VULNERABILITY

AIRCRAFT TIRES

GS TIRES
 . **AIRCRAFT TIRES**
RT LANDING GEAR
 VEHICLE WHEELS

AIRCRAFT WAKES

GS WAKES
 . **AIRCRAFT WAKES**
 . . . HELICOPTER WAKES
 . . . SLIPSTREAMS
 . . . PROPELLER SLIPSTREAMS
RT HYPERSONIC WAKES
 LAMINAR WAKES
 SUPERSONIC WAKES
 TURBULENT WAKES
 VORTEX ADVISORY SYSTEM
 VORTEX ALLEVIATION

AIRCREWS

AIRCREWS

USE FLIGHT CREWS

AIRDROPS

RT AIR CARGO
CARGO
DELIVERY
DRAG CHUTES
PARACHUTES

AIRFIELD SURFACE MOVEMENTS

RT AIR CARGO
AIRPORTS
HANGARS
MATERIALS HANDLING
MOBILE LOUNGES
RUNWAYS
TAXIING

AIRFIELDS

USE AIRPORTS

AIRFOIL CHARACTERISTICS

USE AIRFOILS

AIRFOIL FENCES

GS AIRFOILS
. AIRFOIL FENCES
RT BOUNDARY LAYER CONTROL
∞ FENCES
VORTEX GENERATORS
WINGS

AIRFOIL PROFILES

UF AERODYNAMIC CHORDS
AIRFOIL SECTIONS
AIRFOIL THICKNESS
CLARK Y AIRFOIL
GS AIRFOIL PROFILES
. WING PROFILES
. WING SPAN
RT AERODYNAMIC INTERFERENCE
AIRFOILS
BLADE TIPS
∞ CROSS SECTIONS
JOUKOWSKI TRANSFORMATION
KUTTA-JOUKOWSKI CONDITION
LIGHTHILL METHOD
NOSE TIPS
∞ PROFILES
STREAMLINING
THEODORSEN TRANSFORMATION
THICKNESS
THICKNESS RATIO
THIN AIRFOILS
THIN WINGS
TIPS
WEDGES
WING TIPS

AIRFOIL SECTIONS

USE AIRFOIL PROFILES

AIRFOIL THICKNESS

USE AIRFOIL PROFILES

AIRFOILS

UF AIRFOIL CHARACTERISTICS
GS AIRFOILS
. AERIAL RUDDERS
. AILERONS
. SPOILER SLOT AILERONS
. AIRFOIL FENCES
. CIRCULATION CONTROL AIRFOILS
. DROOPED AIRFOILS
. ELEVATORS (CONTROL SURFACES)
. ELEVONS
. FLAPS (CONTROL SURFACES)
. EXTERNALLY BLOWN FLAPS
. UPPER SURFACE BLOWN FLAPS
. JET FLAPS
. SPLIT FLAPS
. WING FLAPS
. LEADING EDGE SLATS
. TRAILING-EDGE FLAPS
. VORTEX FLAPS
. HORIZONTAL TAIL SURFACES
. LAMINAR FLOW AIRFOILS
. PROPELLER BLADES
. SPOILERS
. SUPERSONIC AIRFOILS
. TABS (CONTROL SURFACES)
. THIN AIRFOILS
. THIN WINGS

AIRFOILS-(CONT.)

. . . INFINITE SPAN WINGS
. WINGS
. CAMBERED WINGS
. CARET WINGS
. CHANNEL WINGS
. CRUCIFORM WINGS
. FIXED WINGS
. FLEXIBLE WINGS
. PARAWINGS
. GAW-1 AIRFOIL
. GAW-2 AIRFOIL
. LOW ASPECT RATIO WINGS
. DELTA WINGS
. TRAPEZOIDAL WINGS
. OBLIQUE WINGS
. RIGID WINGS
. ROTARY WINGS
. LIFTING ROTORS
. BEARINGLESS ROTORS
. RIGID ROTORS
. TILTING ROTORS
. TIP DRIVEN ROTORS
. SLENDER WINGS
. INFINITE SPAN WINGS
. SUPERCRITICAL WINGS
. SWEEP WINGS
. SWEEP FORWARD WINGS
. TRAPEZOIDAL WINGS
. SWEEPBACK WINGS
. ARROW WINGS
. DELTA WINGS
. TRAPEZOIDAL WINGS
. SWING WINGS
. THIN WINGS
. INFINITE SPAN WINGS
. TWISTED WINGS
. UNCAMBERED WINGS
. RING WINGS
. UNSWEEP WINGS
. INFINITE SPAN WINGS
. RECTANGULAR WINGS
. RING WINGS
. VARIABLE SWEEP WINGS
RT AERODYNAMIC CONFIGURATIONS
AERODYNAMICS
AIRCRAFT DESIGN
AIRCRAFT PARTS
AIRCRAFT STRUCTURES
AIRFOIL PROFILES
ASPECT RATIO
∞ BLADES
BLUNT LEADING EDGES
BLUNT TRAILING EDGES
BODY-WING CONFIGURATIONS
CAMBER
CONTROL SURFACES
DEICERS
DEICING
FINS
∞ FOILS
FOILS (MATERIALS)
GUIDE VANES
HYDROFOILS
JET VANES
LEADING EDGE FLAPS
LEADING EDGE THRUST
LEADING EDGES
LIFT
LIFTING BODIES
LIGHTHILL METHOD
MONOPLANES
ROTOR BLADES (TURBOMACHINERY)
ROTORS
RUDDERS
STABILIZERS (FLUID DYNAMICS)
STREAMLINED BODIES
STREAMLINING
TAIL ASSEMBLIES
THICKNESS RATIO
TRAILING EDGES
TURBOMACHINE BLADES
VANES
WEDGES

AIRFRAME MATERIALS

GS AIRCRAFT CONSTRUCTION MATERIALS
. AIRFRAME MATERIALS
RT AIRFRAMES
COMPOSITE MATERIALS
∞ CONSTRUCTION MATERIALS
GLASS FIBER REINFORCED PLASTICS
∞ MATERIALS
STRUCTURAL DESIGN
STRUCTURAL MEMBERS

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AIRFRAMES

GS AIRCRAFT STRUCTURES
. AIRFRAMES
FRAMES
. AIRFRAMES
RT AIRCRAFT CONSTRUCTION MATERIALS
AIRCRAFT PARTS
AIRFRAME MATERIALS
BAYS (STRUCTURAL UNITS)
CANOPIES
CONTROL SURFACES
ENGINE AIRFRAME INTEGRATION
FINS
FUSELAGES
LANDING GEAR
MISSILE BODIES
MISSILE STRUCTURES
NACELLES
PROTUBERANCES
TAIL ASSEMBLIES
WING NACELLE CONFIGURATIONS
WINGS

AIRGEEP AIRCRAFT

USE VZ-8 AIRCRAFT

AIRGLOW

UF ATMOSPHERIC EMISSION
GS ATMOSPHERIC RADIATION
. SKY RADIATION
. AIRGLOW
. . . GEOCORONAL EMISSIONS
. . . NIGHTGLOW
. . . TWILIGHT GLOW
ELECTROMAGNETIC RADIATION
. LIGHT (VISIBLE RADIATION)
. SKY RADIATION
. AIRGLOW
. . . GEOCORONAL EMISSIONS
. . . NIGHTGLOW
. . . TWILIGHT GLOW
RT AERONOMY
ATMOSPHERIC IONIZATION
AURORAS
CHEMILUMINESCENCE
DAYGLOW
EARTH ATMOSPHERE
EMISSION
FABRY-PEROT SPECTROMETERS
LIGHT EMISSION
NIGHT SKY
OXYGEN SPECTRA
RADIATIVE RECOMBINATION
RAYLEIGH SCATTERING
SKY BRIGHTNESS

AIRLINE OPERATIONS

RT AIR CARGO
AIR TRAFFIC
CIVIL AVIATION
COMMERCIAL AIRCRAFT
OPERATING COSTS
∞ OPERATIONS
PASSENGERS
SHORT HAUL AIRCRAFT

AIRLOCK MODULES

GS MODULES
. AIRLOCK MODULES
RT AIR LOCKS
APOLLO APPLICATIONS PROGRAM
MULTIPLE DOCKING ADAPTERS
SATURN WORKSHOPS
SATURN 1 WORKSHOP
SATURN 5 WORKSHOP
SKYLAB PROGRAM
SKYLAB 1
SKYLAB 2
SKYLAB 3
SKYLAB 4
SPACECRAFT DOCKING MODULES

AIRPLANE PRODUCTION COSTS

GS COSTS
. AIRCRAFT PRODUCTION COSTS
. AIRPLANE PRODUCTION COSTS
RT AIRCRAFT INDUSTRY
COST ESTIMATES
∞ ENGINEERING
PRODUCTION ENGINEERING

AIRPORT BEACONS

GS LANDING AIDS
. AIRPORT BEACONS

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ALCOHOLS

AIRPORT BEACONS-(CONT.)

... DISCRETE ADDRESS BEACON
SYSTEM
NAVIGATION AIDS
... BEACONS
... **AIRPORT BEACONS**
... DISCRETE ADDRESS BEACON
SYSTEM
RT RADIO BEACONS
SOLAR COMPASSES

AIRPORT LIGHTS

GS LANDING AIDS
... **AIRPORT LIGHTS**
... RUNWAY LIGHTS
LIGHTING EQUIPMENT
LUMINAIRES
... **AIRPORT LIGHTS**
... RUNWAY LIGHTS
RT SEARCHLIGHTS

AIRPORT PLANNING

GS PLANNING
... **AIRPORT PLANNING**
RT GROUND SUPPORT EQUIPMENT
HELIPORTS
LAND USE
SITES

AIRPORT SECURITY

GS SECURITY
... **AIRPORT SECURITY**
RT AIR PIRACY
AIRPORTS
PROTECTION
VULNERABILITY

AIRPORT SURFACE DETECTION EQUIPMENT

UF ASDE
RT AIR TRAFFIC CONTROL
... EQUIPMENT
GROUND BASED CONTROL
RADAR EQUIPMENT
SEARCH RADAR
SURVEILLANCE RADAR

AIRPORT TOWERS

GS TOWERS
... **AIRPORT TOWERS**
RT AIR TRAFFIC CONTROL
AIR TRAFFIC CONTROLLERS
(PERSONNEL)
AIRPORTS
GROUND BASED CONTROL
HELIPORTS
LANDING AIDS
TRAFFIC CONTROL

AIRPORTS

UF AIRFIELDS
GS **AIRPORTS**
... HELIPORTS
RT ... AERONAUTICS
AIR TRAFFIC CONTROL
AIRFIELD SURFACE MOVEMENTS
AIRPORT SECURITY
AIRPORT TOWERS
... FACILITIES
HANGARS
INSTRUMENT LANDING SYSTEMS
LANDING AIDS
LANDING MATS
MILITARY AIR FACILITIES
MOBILE LOUNGES
MOORING
NAVIGATION AIDS
... PORTS
RUNWAYS
SITE SELECTION
... STRIP

AIRS (RECONNAISSANCE SYS)

USE AIRBORNE INTEGRATED
RECONNAISSANCE SYSTEM

AIRSHIPS

UF AEROSTATS
DIRIGIBLES
GS **AIRSHIPS**
... HEAVY LIFT AIRSHIPS
RT ... AIRCRAFT
BALLOONS
GONDOLAS
INFLATABLE STRUCTURES
... MILITARY AIRCRAFT

AIRSPACE

RT AIR LAW
AIR TRAFFIC
AIR TRAFFIC CONTROL
AIRCRAFT APPROACH SPACING
BOUNDARIES
COLLISION AVOIDANCE
FLIGHT PATHS
NATIONAL AIRSPACE UTILIZATION
SYSTEM

AIRSPEED

GS RATES (PER TIME)
... **AIRSPEED**
VELOCITY
... **AIRSPEED**
RT AERODYNAMIC STALLING
AIRCRAFT PERFORMANCE
AIRCRAFT SPECIFICATIONS
BOUNDARY LAYER SEPARATION
FLIGHT CHARACTERISTICS
GROUND SPEED
HIGH SPEED
LOW SPEED
MACH NUMBER
WIND VELOCITY

AIRWORTHINESS

USE AIRCRAFT RELIABILITY

AIRWORTHINESS REQUIREMENTS

USE AIRCRAFT RELIABILITY

AIRY FUNCTION

GS ANALYSIS (MATHEMATICS)
... COMPLEX VARIABLES
... **AIRY FUNCTION**
FUNCTIONS (MATHEMATICS)
... **AIRY FUNCTION**
RT CYLINDRICAL BODIES
DIFFERENTIAL EQUATIONS
ELASTIC PROPERTIES
HARMONIC FUNCTIONS
POISSON RATIO
STRESS ANALYSIS

AITKEN NUCLEI

RT AEROSOLS
ATMOSPHERIC CHEMISTRY
ATMOSPHERIC COMPOSITION
CLOUD PHYSICS
COAGULATION
CONDENSATES
CRYSTAL GROWTH
DUST
ICE NUCLEI
NUCLEATION
... NUCLEI
SUPERCOOLING

AJ-10 ENGINE

GS ENGINES
... ROCKET ENGINES
... BOOSTER ROCKET ENGINES
... **AJ-10 ENGINE**
... LIQUID PROPELLANT ROCKET
ENGINES
... **AJ-10 ENGINE**
RT TARTAR MISSILE

AJ-1000 ENGINE

USE M-1 ENGINE

AKERMANITE

GS CALCIUM COMPOUNDS
... **AKERMANITE**
CARBON COMPOUNDS
... CARBONATES
... CALCIUM CARBONATES
... **AKERMANITE**
CHALCOGENIDES
... **AKERMANITE**
MAGNESIUM COMPOUNDS
... **AKERMANITE**
MINERALS
... GEHLENITE
... **AKERMANITE**
RT SILICATES
SILICON COMPOUNDS
SILICON OXIDES

ALABAMA

GS UNITED STATES OF AMERICA
... **ALABAMA**

ALABAMA-(CONT.)

RT GULF OF MEXICO
TENNESSEE VALLEY (AL-KY-TN)

ALADIN 2 AIRCRAFT

GS TRANSPORT AIRCRAFT
... **ALADIN 2 AIRCRAFT**

ALAIS METEORITE

GS CELESTIAL BODIES
... METEORITES
... STONY METEORITES
... CHONDRITES
... CARBONACEOUS METEORITES
... **ALAIS METEORITE**

ALANINE

GS ACIDS
... AMINO ACIDS
... **ALANINE**
... PHENYLALANINE
ORGANIC COMPOUNDS
... AMINO ACIDS
... **ALANINE**
... PHENYLALANINE
RT PROTEINS

ALARM PROJECT

UF AUTOMATIC LIGHT AIRCRAFT
READINESS MONITOR
GS PROGRAMS
... PROJECTS
... **ALARM PROJECT**
RT MONITORS

ALARMS

USE WARNING SYSTEMS

ALASKA

GS UNITED STATES OF AMERICA
... **ALASKA**
RT ALEUTIAN ISLANDS (US)
BEAUFORT SEA (NORTH AMERICA)
CHENA RIVER BASIN (AK)
COOK INLET (AK)
GULF OF ALASKA
PRINCE WILLIAM SOUND (AK)
WRANGELL MOUNTAINS (AK)

ALBANIA

RT EUROPE
NATIONS

ALBEDO

GS **ALBEDO**
... COSMIC RAY ALBEDO
... EARTH ALBEDO
... LUNAR ALBEDO
RT ABSORPTANCE
COSMIC RAYS
EARTH RADIATION BUDGET
EXPERIMENT
OPTICAL PROPERTIES
PLANETARY RADIATION
REFLECTANCE
SOLAR RADIATION
SURFACE PROPERTIES

ALBINISM

GS DISEASES
... **ALBINISM**
RT PIGMENTS
SKIN (ANATOMY)

ALBUMINS

GS PROTEINS
... **ALBUMINS**
... AVIDIN
RT ELASTIN

ALCOHOLS

GS HYDROXYL COMPOUNDS
... **ALCOHOLS**
... ETHYL ALCOHOL
... GLYCOLS
... ISOPROPYL ALCOHOL
... METHYL ALCOHOLS
... PHENOLS
... BISPHENOLS
... CRESOLS
... PHLOROGLUCINOL
... THYMOL
... POLYVINYL ALCOHOL
... TRIOLS

ALDEHYDES

ALCOHOLS-(CONT.)

RT . . . CYANURIC ACID
ALIPHATIC COMPOUNDS
CARBOHYDRATES
GASOL (FUEL)
GLYCEROLS
HYDROXYL RADICALS
METHOXY SYSTEMS
THIOLS

ALDEHYDES

GS ALDEHYDES
. ACETALDEHYDE
. ACRROLEINS
. CHLORAL
. FORMALDEHYDE
RT ACETYL COMPOUNDS
ALIPHATIC COMPOUNDS
FURFURYL ALCOHOL
RETINENE

ALDOLASE

GS ENZYMES
RT ALDOLASE
MUSCLES

ALDOSTERONE

GS STEROIDS
. CORTICOSTEROIDS
. ALDOSTERONE
RT ADRENAL METABOLISM

ALERTNESS

RT AROUSAL
ATTENTION
WAKEFULNESS

ALEUTIAN ISLANDS (US)

GS LANDFORMS
. ISLANDS
. . . ALEUTIAN ISLANDS (US)
RT ALASKA
ARCHIPELAGOES
ISLAND ARCS
UNITED STATES OF AMERICA

ALFALFA

GS FARM CROPS
. ALFALFA
PLANTS (BOTANY)
. ALFALFA
RT AGRICULTURE
BLIGHT
BOTANY
CROP GROWTH
CROP VIGOR
∞ CROPS
CURING
EARTH RESOURCES
∞ FOOD
GRASSES
IRRIGATION
SEEDS

ALFVEN WAVES

USE MAGNETOHYDRODYNAMIC WAVES

ALGAAS

USE ALUMINUM GALLIUM ARSENIDES

ALGAE

UF ALGAL BLOOM
GS ALGAE
. ANABAENA
. BLUE GREEN ALGAE
. . . NOSTOC
. CHLORELLA
. DUNALIELLA
. MICROCYSTIS
. PORPHYRA
. SCENEDESMUS
RT BIOCHEMICAL OXYGEN DEMAND
BIOCONVERSION
EUGLENA
LICHENS
PLANKTON
THERMOPHILES
THERMOPHILIC PLANTS

ALGAL BLOOM

USE ALGAE

ALGEBRA

GS ALGEBRA

ALGEBRA-(CONT.)

. BINOMIAL THEOREM
. CURRENT ALGEBRA
. DETERMINANTS
. GROUP THEORY
. HOMOMORPHISMS
. . . AUTOMORPHISMS
. . . MONOIDS
. . . SUBGROUPS
. LIE GROUPS
. SPINOR GROUPS
. LINEAR EQUATIONS
. LINEAR EVOLUTION EQUATIONS
. LINEAR TRANSFORMATIONS
. NONLINEAR EQUATIONS
. CUBIC EQUATIONS
. DUFFING DIFFERENTIAL EQUATION
. MONGE-AMPERE EQUATION
. NONLINEAR EVOLUTION EQUATIONS
. QUADRATIC EQUATIONS
. QUARTIC EQUATIONS
. POLYNOMIALS
. BINOMIALS
. DYADICS
. HERMITIAN POLYNOMIAL
. TENSORS
. STRESS TENSORS
. VECTOR SPACES
. HILBERT SPACE
. . . BANACH SPACE
. MATRICES (MATHEMATICS)
. . . ADJOINTS
. . . CANONICAL FORMS
. . . EIGENVALUES
. . . EIGENVECTORS
. . . JORDAN FORM
. . . STIFFNESS MATRIX
. STOKES THEOREM (VECTOR
CALCULUS)
. U SPIN SPACE
. VECTORS (MATHEMATICS)
. . . EIGENVECTORS
. . . STATE VECTORS
. . . VORTICITY
RT ANALYSIS (MATHEMATICS)
∞ ANALYZING
BOOLEAN ALGEBRA
COORDINATES
FUNCTIONS (MATHEMATICS)
∞ MATHEMATICS
SCHWARTZ INEQUALITY
SEMIEMPIRICAL EQUATIONS
∞ SPACE
SUMS
UNIQUENESS THEOREM

ALGERIA

RT AFRICA
NATIONS

ALGOL

GS LANGUAGES
. ALGOL
RT COMPUTER PROGRAMMING
MACHINE ORIENTED LANGUAGES

ALGOL ENGINE

GS ENGINES
. ROCKET ENGINES
. . . BOOSTER ROCKET ENGINES
. . . ALGOL ENGINE
. . . SOLID PROPELLANT ROCKET
ENGINES
. . . ALGOL ENGINE
RT BLUE SCOUT ROCKET VEHICLE
LITTLE JOE 2 LAUNCH VEHICLE
SCOUT LAUNCH VEHICLE

ALGORITHMS

GS MATHEMATICAL LOGIC
. ALGORITHMS
. . . PARSING ALGORITHMS
. . . SIMPLEX METHOD
RT COMPUTER PROGRAMMING
COMPUTER PROGRAMS
COMPUTER SYSTEMS PROGRAMS
COMPUTERIZED SIMULATION
DATA CONVERSION ROUTINES
FACTORIZATION
FUZZY SETS
FUZZY SYSTEMS
HESSIAN MATRICES
MEAN SQUARE VALUES
NUMERICAL ANALYSIS
NUMERICAL DIFFERENTIATION

NASA THESAURUS (VOLUME 1)

ALGORITHMS-(CONT.)

PARAMETERIZATION
ROBUSTNESS (MATHEMATICS)

ALIGNMENT

GS ALIGNMENT
. SELF ALIGNMENT
RT ADJUSTING
BEARING (DIRECTION)
CLEARANCES
COLLIMATION
CORRECTION
DIRECTIVITY
FITTING
HORIZONTAL ORIENTATION
INSTRUMENT ORIENTATION
LOOK ANGLES (ELECTRONICS)
∞ ORIENTATION
PLY ORIENTATION
POLARIZATION (SPIN ALIGNMENT)
POSITIONING
VERTICAL ORIENTATION

ALIPHATIC COMPOUNDS

GS ALIPHATIC COMPOUNDS
. ACETALDEHYDE
. ACETALS
. ACETYL COMPOUNDS
. ACRROLEINS
. ACRYLATES
. ACRYLIC ACID
. ACRYLONITRILES
. ALKANES
. BUTANES
. CETANE
. ETHANE
. HEPTANES
. HEXENES
. METHANE
. NITROPROPANE
. NONANES
. OCTANES
. PARAFFINS
. . . CERESIN
. . . PENTANES
. . . NEOPENTANE
. . . PROPANE
. ALKENES
. BUTADIENE
. BUTENES
. ETHYLENE
. . . VINYLIDENE
. . . HEXENES
. . . PROPYLENE
. . . TRIENES
. ALKYL COMPOUNDS
. ALKYLIDENE
. . . CETYL COMPOUNDS
. . . DIBUTYL COMPOUNDS
. . . HEXYL COMPOUNDS
. . . ISOPROPYL NITRATE
. . . METHYL NITRATE
. . . METHYLISOCYANATOSILANE
. . . PROPYL NITRATE
. . . TRIETHYL COMPOUNDS
. . . TRIMETHYL COMPOUNDS
. ALKYLATES
. ALKYNES
. . . ACETYLENE
. . . OXYACETYLENE
. ALLYL COMPOUNDS
. ALUMINUM ETHOXIDE
. CARBAMATES (TRADENAME)
. . . URETHANES
. CARBAMIDES
. CARBON TETRACHLORIDE
. CARBON TETRAFLUORIDE
. CARBOXYLATES
. CASTOR OIL
. CHLORAL
. CHLOROETHYLENE
. CHLOROFORM
. CHOLINE
. CITRIC ACID
. CYANAMIDES
. CYANOGEN
. CYCLIC HYDROCARBONS
. . . ANTHRACENE
. . . COLCHICINE
. . . CYCLOBUTANE
. . . CYCLOPROPANE
. . . MENTHOL
. . . NAPHTHENES
. DIALLYL COMPOUNDS

NASA THESAURUS (VOLUME 1)

ALKALINE EARTH METALS

ALIPHATIC COMPOUNDS-(CONT.)

. DICHLORODIPHENYLTRICHLOROETHAN
 E
 . DIISOCYANATES
 . ETHOXY ETHYLENE
 . ETHYL ALCOHOL
 . ETHYLENEDIAMINE
 . FATTY ACIDS
 . ACETIC ACID
 . . . ETHYLENEDIAMINETETRAACETIC
 ACIDS
 VERSENE
 IODOACETIC ACID
 LIPOIC ACID
 OLEIC ACID
 PALMITIC ACID
 PROPIONIC ACID
 SEBACIC ACID
 VALERIC ACID
 . FLUOROAMINES
 . . . NITROFLUORAMINES
 . . . TRIFLUOROAMINE OXIDE
 . FORMHYDROXAMIC ACID
 . FORMIC ACID
 . GALACTOKINASE
 . GLUCOSIDES
 . GLUTAMATES
 . GLUTAMIC ACID
 . GLUTAMINE
 . GLUTATHIONE
 . GLYCERIDES
 . GLYCEROLS
 . GLYCOLS
 . GUANIDINES
 . GUANETHIDINE
 . . . TRIAMINOGUANIDINIUM AZIDE
 . HEPTADIENE
 . HEXADIENE
 . HEXAMETHYLENETETRAMINE
 . HEXOGENES (TRADEMARK)
 . HEXOKINASE
 . HIPPURIC ACID
 . HYDRAZIDES
 . HYDRAZINE NITROFORM
 . HYDRAZINES
 . . . CHLOROPROMAZINE
 . . . DIHYDRAZINE
 . . . DIMETHYLHYDRAZINES
 . . . ETHYLENE DIHYDRAZINE
 . . . HYDRAZINE BORANE
 . . . HYDRAZINE PERCHLORATES
 . . . METHYLHYDRAZINE
 . . . TETRAFLUOROHYDRAZINE
 . ISOPROPYL COMPOUNDS
 . . . ISOPROPYL ALCOHOL
 . KETENES
 . KETONES
 . . . ACETONE
 . . . ACETYLACETONE
 . . . ANTHRAQUINONES
 . . . CAMPHOR
 . . . NEMBUTAL (TRADEMARK)
 . . . PENTANONE
 . . . TRIMETHADIONE
 . LACTATES
 . LACTIC ACID
 . MALEATES
 . MEPROBAMATE
 . METHYL ALCOHOLS
 . METHYL COMPOUNDS
 . . . METHYL CHLOROSILANES
 . . . METHYL NITRATE
 . . . METHYLISOCYANATOSILANE
 . METHYLENE DIAMINE
 . MONOETHANOLAMINE (MEA)
 . NITRATE ESTERS
 . . . ISOPROPYL NITRATE
 . . . BROPYL NITRATE
 . . . NITROAMINES
 . . . NITROSAMINE
 . . . NITROSYL TRIFLUOROACETATE
 . . . NONABORANE
 . NUCLEASE
 . NUCLEOSIDES
 . . . ADENINES
 . . . ADENOSINES
 ADENOSINE DIPHOSPHATE
 ADENOSINE TRIPHOSPHATE
 . . . OCTOATES
 . . . OXALIC ACID
 . . . OXAMIC ACIDS
 . . . PENTAERYTHRYLAMINE
 . . . PHOSGENE
 . . . POLYSACCHARIDES
 . . . CELLULOSE
 . . . FORTISAN (TRADEMARK)

ALIPHATIC COMPOUNDS-(CONT.)

. . . CHITIN
 . . . DEXTRANS
 . . . GLYCOGENS
 . . . STARCHES
 . . . PROPYL COMPOUNDS
 . . . SODIUM CHLORODIFLUOROACETATES
 . . . SODIUM PERFLUOROBUTOXIDE
 . . . STANNOSILOXANE
 . . . STEARATES
 . . . BARIUM STEARATES
 . . . SUGARS
 . . . DEXTRANS
 . . . GALACTOSE
 . . . GLUCOSE
 . . . HEXOSES
 . . . INOSITOLS
 . . . LACTOSE
 . . . MANNITOL
 . . . MONOSACCHARIDES
 . . . RIBOSE
 . . . XYLOSE
 . . . PENTOSE
 . . . RIBOSE
 . . . XYLOSE
 . . . SUCROSE
 . . . TETRABUTYLS
 . . . THIOLS
 . . . CYSTEINE
 . . . DIMERCAPROL
 . . . TRINITRAMINE
 . . . TRIOLS
 . . . CYANURIC ACID
 . . . TRIS (DIFLUORAMINO)
 . . . FLUOROMETHANE
 RT ACETATES
 . . . ALCOHOLS
 . . . ALDEHYDES
 . . . AMIDES
 . . . AMINES
 . . . CARBONYL COMPOUNDS
 . . . CARBOXYLIC ACIDS
 ∞ CHEMICAL COMPOUNDS
 . . . CYANIDES
 . . . ESTERS
 . . . HYDROCARBONS
 . . . HYDROXYL COMPOUNDS
 . . . NITRITES
 . . . NITROSYLS
 . . . PHOSPHORUS COMPOUNDS

ALKALI HALIDES

GS HALOGEN COMPOUNDS
 . . . HALIDES
 . . . METAL HALIDES
 ALKALI HALIDES
 CESIUM HALIDES
 CESIUM BROMIDES
 CESIUM FLUORIDES
 CESIUM IODIDES
 POTASSIUM IODIDES
 SODIUM BROMIDES
 SODIUM CHLORIDES
 SODIUM FLUORIDES
 SODIUM IODIDES

∞ ALKALI METAL COMPOUNDS

SN (USE OF A MORE SPECIFIC TERM IS
 RECOMMENDED--CONSULT THE TERMS
 LISTED BELOW)
 UF GROUP 1A COMPOUNDS
 RT CESIUM COMPOUNDS
 . . . LITHIUM COMPOUNDS
 . . . POTASSIUM COMPOUNDS
 . . . RUBIDIUM COMPOUNDS
 . . . SODIUM COMPOUNDS

ALKALI METALS

GS CHEMICAL ELEMENTS
 . . . ALKALI METALS
 . . . CESIUM
 CESIUM ISOTOPES
 CESIUM 133
 CESIUM 134
 CESIUM 137
 CESIUM 144
 CESIUM VAPOR
 . . . FRANCIIUM
 . . . LITHIUM
 LIQUID LITHIUM
 LITHIUM ISOTOPES
 POTASSIUM
 LIQUID POTASSIUM
 POTASSIUM ISOTOPES
 POTASSIUM 38

ALKALI METALS-(CONT.)

. POTASSIUM 39
 POTASSIUM 40
 . . . RUBIDIUM
 RUBIDIUM ISOTOPES
 RUBIDIUM 86
 . . . SODIUM
 LIQUID SODIUM
 SODIUM ISOTOPES
 SODIUM 22
 SODIUM 24
 SODIUM VAPOR
 METALS
 . . . ALKALI METALS
 . . . CESIUM
 CESIUM ISOTOPES
 CESIUM 133
 CESIUM 134
 CESIUM 137
 CESIUM 144
 CESIUM VAPOR
 . . . FRANCIIUM
 . . . LITHIUM
 LIQUID LITHIUM
 LITHIUM ISOTOPES
 POTASSIUM
 LIQUID POTASSIUM
 POTASSIUM ISOTOPES
 POTASSIUM 38
 POTASSIUM 39
 POTASSIUM 40
 . . . RUBIDIUM
 RUBIDIUM ISOTOPES
 RUBIDIUM 86
 . . . SODIUM
 LIQUID SODIUM
 SODIUM ISOTOPES
 SODIUM 22
 SODIUM 24
 SODIUM VAPOR
 RT CESIUM ALLOYS
 . . . METAL VAPORS

ALKALI VAPOR LAMPS

GS LIGHTING EQUIPMENT
 . . . LUMINAIRES
 . . . FLASH LAMPS
 ALKALI VAPOR LAMPS
 RT LASERS
 . . . LUMINESCENCE
 . . . METAL VAPORS
 . . . RARE EARTH ELEMENTS

ALKALIES

UF CAUSTICS
 GS ALKALIES
 . . . LITHIUM HYDROXIDES
 . . . POTASSIUM HYDROXIDES
 . . . SODIUM HYDROXIDES
 RT ALKALINITY
 . . . BASES (CHEMICAL)
 . . . CARBONATES
 . . . HYDROXIDES

ALKALINE BATTERIES

GS ELECTRIC GENERATORS
 . . . DIRECT POWER GENERATORS
 . . . PRIMARY BATTERIES
 ALKALINE BATTERIES
 . . . ELECTROCHEMICAL CELLS
 ALKALINE BATTERIES
 RT STORAGE BATTERIES
 . . . THERMAL BATTERIES

∞ ALKALINE EARTH COMPOUNDS

SN (USE OF A MORE SPECIFIC TERM IS
 RECOMMENDED--CONSULT THE TERMS
 LISTED BELOW)
 UF GROUP 2A COMPOUNDS
 RT ALKALINE EARTH METALS
 . . . ALKALINE EARTH OXIDES
 . . . BARIUM COMPOUNDS
 . . . BERYLLIUM COMPOUNDS
 . . . CALCIUM COMPOUNDS
 . . . MAGNESIUM COMPOUNDS
 . . . STRONTIUM COMPOUNDS

ALKALINE EARTH METALS

GS CHEMICAL ELEMENTS
 . . . ALKALINE EARTH METALS
 . . . BARIUM ISOTOPES
 METALS
 ALKALINE EARTH METALS
 BARIUM ISOTOPES
 RT ∞ ALKALINE EARTH COMPOUNDS

ALKALINE EARTH OXIDES

ALKALINE EARTH OXIDES

- GS CHALCOGENIDES
- OXIDES
- METAL OXIDES
- ALKALINE EARTH OXIDES
- BARIIUM OXIDES
- BERYLLIUM OXIDES
- CALCIUM OXIDES
- MAGNESIUM OXIDES
- PERICLASE
- RT ALKALINE EARTH COMPOUNDS

ALKALINITY

- RT ALKALIES
- CHEMICAL ANALYSIS
- CHEMICAL COMPOSITION
- PH
- SALINITY
- WATER POLLUTION
- WATER QUALITY

ALKALOIDS

- GS HETEROCYCLIC COMPOUNDS
- ALKALOIDS
- ARECOLINE HYDROBROMIDE
- ATROPINE
- BETAINES
- COLCHICINE
- ERGOTAMINE
- HYOSCINE
- LYSERGINE
- MORPHINE
- NICOTINAMIDE
- NICOTINE
- PILOCARPINE
- RESERPINE
- TROPYL COMPOUNDS
- NITROGEN COMPOUNDS
- ALKALOIDS
- ARECOLINE HYDROBROMIDE
- ATROPINE
- BETAINES
- COLCHICINE
- ERGOTAMINE
- HYOSCINE
- LYSERGINE
- MORPHINE
- NICOTINAMIDE
- NICOTINE
- PILOCARPINE
- QUINOLINE
- RESERPINE
- TROPYL COMPOUNDS
- RT CURARE
- DRUGS
- MARIJUANA
- STRYCHNINE

ALKALOSIS

- RT ACIDOSIS
- HYPERVENTILATION
- PH
- PH FACTOR
- TOXICITY

ALKANES

- UF SATURATED HYDROCARBONS
- GS ALIPHATIC COMPOUNDS
- ALKANES
- BUTANES
- CETANE
- ETHANE
- HEPTANES
- HEXENES
- METHANE
- NITROPROPANE
- NONANES
- OCTANES
- PARAFFINS
- CERESIN
- PENTANES
- NEOPENTANE
- PROPANE
- HYDROCARBONS
- ALKANES
- BUTANES
- CETANE
- ETHANE
- HEPTANES
- HEXENES
- METHANE
- NITROPROPANE
- NONANES
- OCTANES
- PARAFFINS

ALKANES-(CONT.)

- CERESIN
- PENTANES
- NEOPENTANE
- PROPANE
- RT HYDROCARBON FUELS
- WAXES

ALKENES

- UF OLEFINS
- GS ALIPHATIC COMPOUNDS
- ALKENES
- BUTADIENE
- BUTENES
- ETHYLENE
- VINYLDIENE
- HEXENES
- PROPYLENE
- TRIENES
- HYDROCARBONS
- ALKENES
- BUTADIENE
- BUTENES
- ETHYLENE
- VINYLDIENE
- HEXENES
- PROPYLENE
- TRIENES
- RT ALKYNES
- TERPENES

ALKYD RESINS

- GS RESINS
- ALKYD RESINS
- RT ADHESIVES
- PROTECTIVE COATINGS

ALKYL COMPOUNDS

- GS ALIPHATIC COMPOUNDS
- ALKYL COMPOUNDS
- ALKYLDIENE
- CETYL COMPOUNDS
- DIBUTYL COMPOUNDS
- HEXYL COMPOUNDS
- ISOPROPYL NITRATE
- METHYL NITRATE
- METHYLSISOCYANATOSILANE
- PROPYL NITRATE
- TRIETHYL COMPOUNDS
- TRIMETHYL COMPOUNDS

ALKYLATES

- GS ALIPHATIC COMPOUNDS
- ALKYLATES
- ESTERS
- ALKYLATES
- RT ALKYLATION

ALKYLATION

- UF OXYALKYLATION
- GS CHEMICAL REACTIONS
- ALKYLATION
- RT ALKYLATES
- FRIEDEL-CRAFT REACTION
- METHYLATION
- REFINING

ALKYLFERROCENE

- GS IRON COMPOUNDS
- FERROCENES
- ALKYLFERROCENE
- ORGANOMETALLIC COMPOUNDS
- ALKYLFERROCENE

ALKYLDIENE

- GS ALIPHATIC COMPOUNDS
- ALKYL COMPOUNDS
- ALKYLDIENE

ALKYNES

- GS ALIPHATIC COMPOUNDS
- ALKYNES
- ACETYLENE
- OXYACETYLENE
- HYDROCARBONS
- ALKYNES
- OXYACETYLENE
- RT ALKENES
- CYCLIC HYDROCARBONS

ALL SKY PHOTOGRAPHY

- GS IMAGERY
- ALL SKY PHOTOGRAPHY
- PHOTOGRAPHY

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ALL SKY PHOTOGRAPHY-(CONT.)

- ALL SKY PHOTOGRAPHY
- RT BLACK AND WHITE PHOTOGRAPHY
- CLOUD PHOTOGRAPHS
- CLOUD PHOTOGRAPHY
- WIDE ANGLE LENSES

ALL-WEATHER AIR NAVIGATION

- GS NAVIGATION
- AIR NAVIGATION
- ALL-WEATHER AIR NAVIGATION
- RT DOPPLER NAVIGATION
- INERTIAL NAVIGATION
- NAVIGATION AIDS
- RADAR NAVIGATION
- RADIO NAVIGATION
- SOLAR COMPASSES
- TACAN

ALL-WEATHER LANDING SYSTEMS

- GS LANDING AIDS
- INSTRUMENT LANDING SYSTEMS
- ALL-WEATHER LANDING SYSTEMS
- RT AIRCRAFT LANDING
- AIRCRAFT SAFETY
- FLIGHT SAFETY
- LOW VISIBILITY

ALLEGHENY PLATEAU (US)

- GS LAND
- ALLEGHENY PLATEAU (US)
- LANDFORMS
- TERRACES (LANDFORMS)
- PLATEAUS
- ALLEGHENY PLATEAU (US)
- RT MARYLAND
- PENNSYLVANIA
- VIRGINIA
- WEST VIRGINIA

ALLERGIC DISEASES

- RT CONTACT DERMATITIS
- IMMUNOLOGY

ALLOCATIONS

- UF ASSIGNMENT
- GS ALLOCATIONS
- RESOURCE ALLOCATION
- RT ALLOWANCES
- BUDGETING
- COMMERCIAL ENERGY
- COST EFFECTIVENESS
- DISTRIBUTING
- DISTRIBUTION
- DOMESTIC ENERGY
- ECONOMIC ANALYSIS
- ECONOMIC FACTORS
- ENGINEERING MANAGEMENT
- ESTIMATES
- FEDERAL BUDGETS
- FINANCIAL MANAGEMENT
- INDUSTRIAL ENERGY
- MATRIX MANAGEMENT
- PROCUREMENT MANAGEMENT
- PROJECT PLANNING
- RESEARCH MANAGEMENT
- REVENUE
- TRANSPORTATION ENERGY

ALLOTROPY

- RT AUSTENITE
- CRYSTAL STRUCTURE
- POLYMORPHISM

ALLOWANCES

- RT ALLOCATIONS
- CLEARANCES
- COMPENSATION
- PRECISION
- PRODUCTIVITY
- REGULATIONS
- RELIABILITY
- SAMPLING
- TOLERANCES (MECHANICS)

ALLOXAN

- GS HETEROCYCLIC COMPOUNDS
- ALLOXAN
- PYRIMIDINES
- ALLOXAN
- RT COMPOUNDS
- THYMIDINE
- THYMINE
- URACIL
- URIC ACID

ALLOYS
GS

ALLOYS

. ANTIMONY ALLOYS
 . BABBITT METAL
 . ARSENIC ALLOYS
 . BARIUM ALLOYS
 . BEARING ALLOYS
 . BINARY ALLOYS
 . BISMUTH ALLOYS
 . BORON ALLOYS
 . CADMIUM ALLOYS
 . CAST ALLOYS
 . CESIUM ALLOYS
 . CHROMIUM ALLOYS
 . ASTROLOY (TRADEMARK)
 . CHROMIUM STEELS
 . RENE 41
 . RENE 63
 . RENE 77
 . RENE 95
 . COBALT ALLOYS
 . ASTROLOY (TRADEMARK)
 . RENE 41
 . RENE 63
 . RENE 77
 . RENE 95
 . CONSTANTAN
 . COPPER ALLOYS
 . BABBITT METAL
 . BRASSES
 . BRONZES
 . MANGANIN (TRADEMARK)
 . EUTECTIC ALLOYS
 . GALLIUM ALLOYS
 . GERMANIUM ALLOYS
 . GOLD ALLOYS
 . HAFNIUM ALLOYS
 . HEAT RESISTANT ALLOYS
 . NIMONIC ALLOYS
 . REFRACTORY METAL ALLOYS
 . MOLYBDENUM ALLOYS
 . RENE 41
 . RENE 63
 . RENE 77
 . NIOBIUM ALLOYS
 . OSMIUM ALLOYS
 . RHENIUM ALLOYS
 . TANTALUM ALLOYS
 . TUNGSTEN ALLOYS
 . UDIMET ALLOYS
 . WASPALOY
 . HIGH STRENGTH ALLOYS
 . ASTROLOY (TRADEMARK)
 . HIGH STRENGTH STEELS
 . MARAGING STEELS
 . INDIUM ALLOYS
 . IRON ALLOYS
 . STEELS
 . BAINITIC STEEL
 . CARBON STEELS
 . LOW CARBON STEELS
 . CHROMIUM STEELS
 . CROLOY
 . HIGH STRENGTH STEELS
 . MARAGING STEELS
 . NICKEL STEELS
 . STAINLESS STEELS
 . AUSTENITIC STAINLESS STEELS
 . FERRITIC STAINLESS STEELS
 . MARTENSITIC STAINLESS STEELS
 . KOVAR (TRADEMARK)
 . LANTHANUM ALLOYS
 . LEAD ALLOYS
 . LIGHT ALLOYS
 . ALUMINUM ALLOYS
 . BERYLLIUM ALLOYS
 . MAGNESIUM ALLOYS
 . LIQUID ALLOYS
 . LITHIUM ALLOYS
 . MANGANESE ALLOYS
 . MANGANIN (TRADEMARK)
 . MERCURY ALLOYS
 . MERCURY AMALGAMS
 . MONOTECTIC ALLOYS
 . MULBERRY (ALLOY)
 . NICKEL ALLOYS
 . ASTROLOY (TRADEMARK)
 . HASTELLOY (TRADEMARK)
 . INCONEL (TRADEMARK)
 . KAMACITE
 . MONEL (TRADEMARK)
 . NICHROME (TRADEMARK)
 . NITINOL ALLOYS
 . RENE 41
 . RENE 63
 . RENE 77

ALLOYS-(CONT.)

. RENE 95
 . UDIMET ALLOYS
 . WASPALOY
 . PALLADIUM ALLOYS
 . PERMALLOYS (TRADEMARK)
 . PLATINUM ALLOYS
 . PLUTONIUM ALLOYS
 . POTASSIUM ALLOYS
 . QUATERNARY ALLOYS
 . RARE EARTH ALLOYS
 . ERBIUM ALLOYS
 . GADOLINIUM ALLOYS
 . NEODYMIUM ALLOYS
 . RHODIUM ALLOYS
 . RUTHENIUM ALLOYS
 . SELENIUM ALLOYS
 . SHAPE MEMORY ALLOYS
 . NITINOL ALLOYS
 . SILICON ALLOYS
 . SILVER ALLOYS
 . SODIUM ALLOYS
 . SOLDER
 . SYNTACTIC ALLOYS
 . TELLURIUM ALLOYS
 . TERNARY ALLOYS
 . ASTROLOY (TRADEMARK)
 . THALLIUM ALLOYS
 . THORIUM ALLOYS
 . TIN ALLOYS
 . BABBITT METAL
 . TITANIUM ALLOYS
 . NITINOL ALLOYS
 . URANIUM ALLOYS
 . VANADIUM ALLOYS
 . WROUGHT ALLOYS
 . YTTRIUM ALLOYS
 . ZINC ALLOYS
 . ZIRCONIUM ALLOYS
 . ZIRCALOYS (TRADEMARK)
 . ZIRCALOY 2 (TRADEMARK)
 RT BIMETALS
 . BINARY SYSTEMS (MATERIALS)
 EUTECTIC COMPOSITES
 EUTECTICS
 FERROUS METALS
 HARDENERS
 HEAT TREATMENT
 INTERMETALLICS
 KONDO EFFECT
 LIQUID PHASES
 METALLOGRAPHY
 METALLOIDS
 METALLURGY
 METALS
 MIXTURES
 PHASE DIAGRAMS
 POWDER METALLURGY
 RHEOCASTING
 SOLID SOLUTIONS
 STRESS RELIEVING
 TERNARY SYSTEMS

ALLUVIUM

GS SOILS
 RT . ALLUVIUM
 . CLAYS
 . DELTAS
 . FANS (LANDFORMS)
 . FLOODS
 . GRAVELS
 . HYDROLOGY
 . MUD
 . RIVERS
 . SANDS
 . SEDIMENTARY ROCKS
 . SEDIMENTS
 . STREAMS
 . WATER FLOW

ALLYL COMPOUNDS

GS ALIPHATIC COMPOUNDS
 RT . ALLYL COMPOUNDS
 . DIALLYL COMPOUNDS

ALMUCANTAR

USE ELEVATION ANGLE

ALOHA SYSTEM

GS RANDOM ACCESS
 . ALOHA SYSTEM
 . TELECOMMUNICATION
 . MULTIPLE ACCESS
 . ALOHA SYSTEM
 RT CHANNEL CAPACITY

ALOHA SYSTEM-(CONT.)

CHANNEL NOISE
 CODE DIVISION MULTIPLE ACCESS
 FREQUENCY DIVISION MULTIPLE ACCESS
 PACKET TRANSMISSION
 PACKETS (COMMUNICATION)
 SATELLITE TRANSMISSION
 TIME DIVISION MULTIPLE ACCESS
 TRANSMISSION
 TRANSMISSION EFFICIENCY

ALOUETTE B SATELLITE

GS SATELLITES
 . ARTIFICIAL SATELLITES
 . ALOUETTE SATELLITES
 . ALOUETTE B SATELLITE
 . EARTH SATELLITES
 . ALOUETTE SATELLITES
 . ALOUETTE B SATELLITE
 RT ISIS-X

ALOUETTE HELICOPTERS

GS SUD AVIATION AIRCRAFT
 . ALOUETTE HELICOPTERS
 . SA-330 HELICOPTER
 . SE-3160 HELICOPTER
 V/STOL AIRCRAFT
 . ROTARY WING AIRCRAFT
 . HELICOPTERS
 . ALOUETTE HELICOPTERS
 . SA-330 HELICOPTER
 . SE-3160 HELICOPTER
 RT ∞ AIRCRAFT

ALOUETTE PROJECT

RT ISIS-A

ALOUETTE SATELLITES

GS SATELLITES
 . ARTIFICIAL SATELLITES
 . ALOUETTE SATELLITES
 . ALOUETTE B SATELLITE
 . ALOUETTE 1 SATELLITE
 . ALOUETTE 2 SATELLITE
 . EARTH SATELLITES
 . ALOUETTE SATELLITES
 . ALOUETTE B SATELLITE
 . ALOUETTE 1 SATELLITE
 . ALOUETTE 2 SATELLITE
 RT ISIS SATELLITES

ALOUETTE 1 SATELLITE

UF S-27 SATELLITE
 GS SATELLITES
 . ARTIFICIAL SATELLITES
 . ALOUETTE SATELLITES
 . ALOUETTE 1 SATELLITE
 . EARTH SATELLITES
 . ALOUETTE SATELLITES
 . ALOUETTE 1 SATELLITE

ALOUETTE 2 SATELLITE

GS SATELLITES
 . ARTIFICIAL SATELLITES
 . ALOUETTE SATELLITES
 . ALOUETTE 2 SATELLITE
 . ISIS SATELLITES
 . ALOUETTE 2 SATELLITE
 . EARTH SATELLITES
 . ALOUETTE SATELLITES
 . ALOUETTE 2 SATELLITE
 RT IONOSPHERIC SOUNDING

ALOUETTE 3 HELICOPTER

USE SE-3160 HELICOPTER

ALPHA DECAY

GS DECAY
 . RADIOACTIVE DECAY
 . ALPHA DECAY
 . NUCLEAR REACTIONS
 . ALPHA DECAY
 RT FINE STRUCTURE
 SELECTION RULES (NUCLEAR PHYSICS)

ALPHA JET AIRCRAFT

GS ATTACK AIRCRAFT
 . FIGHTER AIRCRAFT
 . ALPHA JET AIRCRAFT
 . JET AIRCRAFT
 . ALPHA JET AIRCRAFT
 . TRAINING AIRCRAFT
 . ALPHA JET AIRCRAFT

ALPHA PARTICLES

ALPHA JET AIRCRAFT-(CONT.)

RT ∞ AIRCRAFT
 ∞ MILITARY AIRCRAFT

ALPHA PARTICLES

SN (EMITTED BY NUCLEI)
 UF ALPHA RADIATION
 GS IONIZING RADIATION
 . ALPHA PARTICLES
 PARTICLES
 . ELEMENTARY PARTICLES
 . . . BOSONS
 . . . ALPHA PARTICLES
 . . . NUCLEAR PARTICLES
 . . . BOSONS
 . . . ALPHA PARTICLES
 RT ALPHATRONS
 CORPUSCULAR RADIATION
 COSMIC RAYS
 DEUTERON IRRADIATION
 DEUTERONS
 FLUX DENSITY
 HELIUM
 HELIUM IONS
 IONS
 NUCLEAR RADIATION
 NUCLEONS
 PROTONS
 RADIOACTIVITY
 SOLAR WIND VELOCITY
 TRITONS

ALPHA PLASMA DEVICES

GS PLASMA ACCELERATORS
 . ALPHA PLASMA DEVICES
 RT ∞ DEVICES
 HALL ACCELERATORS
 MAGNETOHYDRODYNAMICS
 PLASMA PHYSICS

ALPHA RADIATION

USE ALPHA PARTICLES

ALPHABETS

RT ALPHANUMERIC CHARACTERS
 CODING
 LANGUAGES
 SYMBOLS

ALPHANUMERIC CHARACTERS

GS ALPHANUMERIC CHARACTERS
 . DIGITS
 . . BINARY DIGITS
 RT ALPHABETS
 INSTRUCTION SETS (COMPUTERS)
 LIGHT EMITTING DIODES
 ∞ NUMBERS
 SYMBOLS

ALPHATRONS

GS MEASURING INSTRUMENTS
 . PRESSURE GAGES
 . . VACUUM GAGES
 . . . IONIZATION GAGES
 ALPHATRONS
 VACUUM APPARATUS
 . VACUUM GAGES
 . . IONIZATION GAGES
 . . . ALPHATRONS
 RT ALPHA PARTICLES

ALPINE METEOROLOGY

GS METEOROLOGY
 . ALPINE METEOROLOGY
 RT AERONOMY
 CLOUDS (METEOROLOGY)
 NEPHANALYSIS
 PRECIPITATION (METEOROLOGY)
 STORMS (METEOROLOGY)
 WEATHER
 WIND (METEOROLOGY)

ALPS MOUNTAINS (EUROPE)

GS LANDFORMS
 . MOUNTAINS
 . . ALPS MOUNTAINS (EUROPE)
 RT AUSTRIA
 EUROPE
 ITALY
 SWITZERLAND
 WEST GERMANY

ALSEP

USE APOLLO LUNAR SURFACE EXPERIMENTS
 PACKAGE

ALTAIR ENGINE

USE X-248 ENGINE

ALTERATION

USE REVISIONS

ALTERNATING CURRENT

UF AC (CURRENT)
 GS ELECTRIC CURRENT
 . ALTERNATING CURRENT
 ELECTRICITY
 . ALTERNATING CURRENT
 RT CURRENT CONVERTERS (AC TO DC)
 DIRECT CURRENT
 INDUCTION MOTORS
 INVERTED CONVERTERS (DC TO AC)
 VOLTAGE CONVERTERS (AC TO AC)

ALTERNATING CURRENT GENERATORS

USE AC GENERATORS

ALTERNATIONS

GS VARIATIONS
 . ALTERNATIONS
 RT CYCLES
 INTERVALS
 RHYTHM (BIOLOGY)

ALTERNATIVES

RT OPTIONS
 SUBSTITUTES
 VARIATIONS

ALTERNATORS (GENERATORS)

USE AC GENERATORS

ALTIMETERS

GS AIRCRAFT INSTRUMENTS
 . ALTIMETERS
 . . RADIO ALTIMETERS
 MEASURING INSTRUMENTS
 . DISTANCE MEASURING EQUIPMENT
 . . ALTIMETERS
 . . . RADIO ALTIMETERS
 RT ALTITUDE
 APPROACH INDICATORS
 ASTROLABES
 BAROMETERS
 FLIGHT INSTRUMENTS
 HYPSONOMETERS
 LANDING INSTRUMENTS
 NAVIGATION AIDS
 NAVIGATION INSTRUMENTS
 POSITION INDICATORS
 RANGE FINDERS
 RATE OF CLIMB INDICATORS

ALTITUDE

GS ALTITUDE
 . FLIGHT ALTITUDE
 . HIGH ALTITUDE
 . LOW ALTITUDE
 . MIDALTITUDE
 . SEA LEVEL
 RT ALTIMETERS
 APEXES
 AZIMUTH
 DISTANCE
 ELEVATION
 ELEVATION ANGLE
 HEIGHT
 POSITION (LOCATION)

ALTITUDE ACCLIMATIZATION

GS ADAPTATION
 . ACCLIMATIZATION
 . . ALTITUDE ACCLIMATIZATION
 RT MOUNTAIN INHABITANTS

ALTITUDE CONTROL

RT LASER ALTIMETERS
 LATERAL CONTROL
 LONGITUDINAL CONTROL
 SPACING

ALTITUDE SICKNESS

GS SICKNESSES
 . ALTITUDE SICKNESS
 RT AEROSINUSITIS
 DECOMPRESSION SICKNESS

NASA THESAURUS (VOLUME 1)

ALTITUDE SIMULATION

UF SIMULATED ALTITUDE
 GS SIMULATION
 . ENVIRONMENT SIMULATION
 . . ALTITUDE SIMULATION
 RT COMPUTERIZED SIMULATION
 FLIGHT SIMULATION
 HIGH ALTITUDE ENVIRONMENTS
 HYPOBARIC ATMOSPHERES
 LANDING SIMULATION
 SPACE ENVIRONMENT SIMULATION
 THERMAL SIMULATION
 TRAINING DEVICES
 VACUUM CHAMBERS

ALTITUDE TESTS

GS ALTITUDE TESTS
 . HIGH ALTITUDE TESTS
 RT ENGINE TESTS
 FLIGHT TESTS
 FULL SCALE TESTS
 HIGH ALTITUDE ENVIRONMENTS
 TEST VEHICLES
 ∞ TESTS

ALTITUDE TOLERANCE

GS TOLERANCES (PHYSIOLOGY)
 . ALTITUDE TOLERANCE
 RT HIGH ALTITUDE BREATHING
 HIGH ALTITUDE ENVIRONMENTS
 HIGH ALTITUDE PRESSURE
 HYPOBARIC ATMOSPHERES
 LOW PRESSURE

ALU (COMPUTER COMPONENTS)

USE ARITHMETIC AND LOGIC UNITS

ALUM

GS ALUMINUM COMPOUNDS
 . ALUM
 POTASSIUM COMPOUNDS
 . ALUM
 SULFUR COMPOUNDS
 . ALUM

ALUMINA

USE ALUMINUM OXIDES

ALUMINATES

GS ALUMINUM COMPOUNDS
 . ALUMINATES
 RT ALUMINUM OXIDES
 ∞ OXYGEN COMPOUNDS
 SPINEL

ALUMINIZING

USE ALUMINUM COATINGS

ALUMINUM

GS CHEMICAL ELEMENTS
 . ALUMINUM
 . . ALUMINUM ISOTOPES
 . . . ALUMINUM 26
 . . . ALUMINUM 27
 . . POWDERED ALUMINUM
 . . SINTERED ALUMINUM POWDER
 METALS
 . ALUMINUM
 . . ALUMINUM ISOTOPES
 . . . ALUMINUM 26
 . . . ALUMINUM 27
 . . POWDERED ALUMINUM
 . . SINTERED ALUMINUM POWDER
 RT BORAL
 BORSIC (TRADENAME)
 CRYOLITE
 DAWSONITE
 REACTION BONDING
 SIALON

ALUMINUM ALLOYS

GS ALLOYS
 . LIGHT ALLOYS
 . . ALUMINUM ALLOYS
 RT BEARING ALLOYS
 LAMELLA (METALLURGY)

ALUMINUM ANTIMONIDES

GS ALUMINUM COMPOUNDS
 . ALUMINUM ANTIMONIDES
 ANTIMONY COMPOUNDS
 . ANTIMONIDES
 . . ALUMINUM ANTIMONIDES

ALUMINUM ARSENIDES

- GS ALUMINUM COMPOUNDS
- . ALUMINUM ARSENIDES
- RT SEMICONDUCTORS (MATERIALS)

ALUMINUM BOROHYDRIDES

- GS ALUMINUM COMPOUNDS
- . ALUMINUM HYDRIDES
- . . ALUMINUM BOROHYDRIDES
- BORON COMPOUNDS
- . ALUMINUM BOROHYDRIDES
- HYDROGEN COMPOUNDS
- . HYDRIDES
- . . BOROHYDRIDES
- . . . ALUMINUM BOROHYDRIDES
- . . BORON HYDRIDES
- . . . ALUMINUM BOROHYDRIDES
- . . METAL HYDRIDES
- . . . ALUMINUM HYDRIDES
- ALUMINUM BOROHYDRIDES

ALUMINUM BORON COMPOSITES

- GS COMPOSITE MATERIALS
- . ALUMINUM BORON COMPOSITES
- RT BORON FIBERS
- FIBER COMPOSITES

ALUMINUM CARBIDES

- GS ALUMINUM COMPOUNDS
- . ALUMINUM CARBIDES
- CARBON COMPOUNDS
- . CARBIDES
- . . ALUMINUM CARBIDES

ALUMINUM CHLORIDES

- GS ALUMINUM COMPOUNDS
- . ALUMINUM CHLORIDES
- HALOGEN COMPOUNDS
- . CHLORIDES
- . . ALUMINUM CHLORIDES
- . HALIDES
- . . CHLORIDES
- . . . ALUMINUM CHLORIDES
- . . METAL HALIDES
- . . . ALUMINUM CHLORIDES

ALUMINUM COATINGS

- UF ALUMINIZING
- GS COATINGS
- . ALUMINUM COATINGS
- METALS
- . METAL COATINGS
- . . ALUMINUM COATINGS

ALUMINUM COMPOUNDS

- GS ALUMINUM COMPOUNDS
- . ALUM
- . ALUMINATES
- . ALUMINUM ANTIMONIDES
- . ALUMINUM ARSENIDES
- . ALUMINUM CARBIDES
- . ALUMINUM CHLORIDES
- . ALUMINUM ETHOXIDE
- . ALUMINUM FLUORIDES
- . ALUMINUM HYDRIDES
- . . ALUMINUM BOROHYDRIDES
- . ALUMINUM NITRIDES
- . ALUMINUM OXIDES
- . . SAPPHIRE
- . ALUMINUM PERCHLORATES
- . ALUMINUM SILICATES
- . . ANDESITE
- . . KAOLINITE
- . . . MONTMORILLONITE
- . . . PYROPHYLLITE
- . BERYL
- . CORDIERITE
- . CRYOLITE
- . FELDSPARS
- . GEHLENITE
- . LITHIUM ALUMINUM HYDRIDES
- . MUSCOVITE
- . NEPHELINE
- . NEPHELINE
- . ORGANIC ALUMINUM COMPOUNDS
- . SPODUMENE
- . TOURMALINE
- RT ∞ GROUP 3A COMPOUNDS
- ∞ METAL COMPOUNDS
- METAL FUELS
- METAL PROPELLANTS

ALUMINUM ETHOXIDE

- GS ALIPHATIC COMPOUNDS

ALUMINUM ETHOXIDE-(CONT.)

- . ALUMINUM ETHOXIDE
- ALUMINUM COMPOUNDS
- . ALUMINUM ETHOXIDE
- ESTERS
- . ALUMINUM ETHOXIDE

ALUMINUM FLUORIDES

- GS ALUMINUM COMPOUNDS
- . ALUMINUM FLUORIDES
- HALOGEN COMPOUNDS
- . FLUORINE COMPOUNDS
- . . FLUORIDES
- . . . METAL FLUORIDES
- ALUMINUM FLUORIDES
- . HALIDES
- . . METAL HALIDES
- . . . ALUMINUM FLUORIDES

ALUMINUM GALLIUM ARSENIDES

- UF ALGAAS
- GS ARSENIC COMPOUNDS
- . ARSENIDES
- . . GALLIUM ARSENIDES
- . . . ALUMINUM GALLIUM ARSENIDES
- GALLIUM COMPOUNDS
- . GALLIUM ARSENIDES
- . . ALUMINUM GALLIUM ARSENIDES
- RT NEGATIVE RESISTANCE DEVICES

ALUMINUM GRAPHITE COMPOSITES

- GS COMPOSITE MATERIALS
- . ALUMINUM GRAPHITE COMPOSITES
- RT FIBER COMPOSITES
- GRAPHITE

ALUMINUM HYDRIDES

- GS ALUMINUM COMPOUNDS
- . ALUMINUM HYDRIDES
- . . ALUMINUM BOROHYDRIDES
- HYDROGEN COMPOUNDS
- . HYDRIDES
- . . METAL HYDRIDES
- . . . ALUMINUM HYDRIDES
- ALUMINUM BOROHYDRIDES

ALUMINUM ISOTOPES

- GS CHEMICAL ELEMENTS
- . ALUMINUM
- . . ALUMINUM ISOTOPES
- . . . ALUMINUM 26
- ALUMINUM 27
- NUCLEIDES
- ISOTOPES
- ALUMINUM ISOTOPES
- ALUMINUM 26
- ALUMINUM 27
- METALS
- . ALUMINUM
- . . ALUMINUM ISOTOPES
- . . . ALUMINUM 26
- ALUMINUM 27

ALUMINUM NITRIDES

- GS ALUMINUM COMPOUNDS
- . ALUMINUM NITRIDES
- NITROGEN COMPOUNDS
- . NITRIDES
- . . ALUMINUM NITRIDES

ALUMINUM OXIDES

- UF ALUMINA
- GS CORUNDUM
- ALUMINUM COMPOUNDS
- . ALUMINUM OXIDES
- . . SAPPHIRE
- CHALCOGENIDES
- . OXIDES
- . . METAL OXIDES
- . . . ALUMINUM OXIDES
- SAPPHIRE
- RT ABRASIVES
- ALUMINATES
- BAUXITE
- ENERGY ABSORPTION FILMS
- GEHLENITE
- KAOLINITE
- PYROPHYLLITE
- RUBY
- THERMITES

ALUMINUM PERCHLORATES

- GS ALUMINUM COMPOUNDS
- . ALUMINUM PERCHLORATES
- HALOGEN COMPOUNDS

ALUMINUM PERCHLORATES-(CONT.)

- . CHLORINE COMPOUNDS
- . . PERCHLORATES
- . . . ALUMINUM PERCHLORATES

ALUMINUM SILICATES

- GS ALUMINUM COMPOUNDS
- . ALUMINUM SILICATES
- . . ANDESITE
- . . KAOLINITE
- . . MONTMORILLONITE
- . . PYROPHYLLITE
- SILICON COMPOUNDS
- . ALUMINUM SILICATES
- . . ANDESITE
- . . KAOLINITE
- . . MONTMORILLONITE
- . . PYROPHYLLITE
- RT MINERALS
- MULLITES

ALUMINUM 26

- GS CHEMICAL ELEMENTS
- . ALUMINUM
- . . ALUMINUM ISOTOPES
- . . . ALUMINUM 26
- NUCLEIDES
- ISOTOPES
- ALUMINUM ISOTOPES
- ALUMINUM 26
- METALS
- . ALUMINUM
- . . ALUMINUM ISOTOPES
- . . . ALUMINUM 26

ALUMINUM 27

- GS CHEMICAL ELEMENTS
- . ALUMINUM
- . . ALUMINUM ISOTOPES
- . . . ALUMINUM 27
- NUCLEIDES
- ISOTOPES
- ALUMINUM ISOTOPES
- ALUMINUM 27
- METALS
- . ALUMINUM
- . . ALUMINUM ISOTOPES
- . . . ALUMINUM 27

ALVEOLAR AIR

- GS GASES
- . AIR
- . . ALVEOLAR AIR
- . . GAS MIXTURES
- . . . ALVEOLAR AIR
- RT EXHALATION
- EXPIRED AIR
- LUNGS

ALVEOLI

- RT LUNG MORPHOLOGY
- LUNGS
- PULMONARY CIRCULATION
- PULMONARY FUNCTIONS
- RESPIRATION
- RESPIRATORY SYSTEM

AMALGAMS

- USE MERCURY AMALGAMS

AMALTHEA

- GS SATELLITES
- . NATURAL SATELLITES
- . . AMALTHEA
- RT JUPITER (PLANET)
- SOLAR SYSTEM

AMAZON REGION (SOUTH AMERICA)

- GS REGIONS
- . TROPICAL REGIONS
- . . AMAZON REGION (SOUTH AMERICA)
- RT BRAZIL
- FORESTS
- RIVER BASINS
- RIVERS

AMBERLITE (TRADEMARK)

- RT ASBESTOS
- THERMAL INSULATION

AMBIENCE

- RT ENVIRONMENTS

AMBIENT TEMPERATURE

AMBIENT TEMPERATURE

UF ENVIRONMENTAL TEMPERATURE
GS TEMPERATURE
RT **AMBIENT TEMPERATURE**
ATMOSPHERIC TEMPERATURE
OPERATING TEMPERATURE
ROOM TEMPERATURE
SATELLITE TEMPERATURE

AMBIGUITY

RT INTELLIGIBILITY
POSITIONING

AMBIPOLAR DIFFUSION

GS DIFFUSION
RT **AMBIPOLAR DIFFUSION**
ELECTRON DIFFUSION
ELECTRON MOBILITY
IONIC DIFFUSION
IONIC MOBILITY
PLASMA DIFFUSION

AMBIT

USE FIELD THEORY (PHYSICS)

AMBULANCES

RT MEDICAL SERVICES
MILITARY VEHICLES
SAFETY DEVICES

AMERICAN INDIANS

RT ANTHROPOLOGY
CULTURE (SOCIAL SCIENCES)
ETHNIC FACTORS
MINORITIES
RACES

AMERICIUM

GS CHEMICAL ELEMENTS
ACTINIDE SERIES
TRANSURANIUM ELEMENTS
AMERICIUM
AMERICIUM ISOTOPES
AMERICIUM 241
NUCLIDES
ISOTOPES
RADIOACTIVE ISOTOPES
TRANSURANIUM ELEMENTS
AMERICIUM
AMERICIUM ISOTOPES
HEAVY ELEMENTS
AMERICIUM
AMERICIUM ISOTOPES
AMERICIUM 241
METALS
ACTINIDE SERIES
TRANSURANIUM ELEMENTS
AMERICIUM
AMERICIUM ISOTOPES
AMERICIUM 241

AMERICIUM ISOTOPES

GS CHEMICAL ELEMENTS
ACTINIDE SERIES
TRANSURANIUM ELEMENTS
AMERICIUM
AMERICIUM ISOTOPES
AMERICIUM 241
NUCLIDES
ISOTOPES
RADIOACTIVE ISOTOPES
TRANSURANIUM ELEMENTS
AMERICIUM
AMERICIUM ISOTOPES
HEAVY ELEMENTS
AMERICIUM
AMERICIUM ISOTOPES
AMERICIUM 241
TRANSURANIUM ELEMENTS
AMERICIUM ISOTOPES
AMERICIUM 241
METALS
ACTINIDE SERIES
TRANSURANIUM ELEMENTS
AMERICIUM
AMERICIUM ISOTOPES
AMERICIUM 241

AMERICIUM 241

GS CHEMICAL ELEMENTS
ACTINIDE SERIES
TRANSURANIUM ELEMENTS
AMERICIUM
AMERICIUM ISOTOPES
AMERICIUM 241

AMERICIUM 241-(CONT.)

NUCLIDES
ISOTOPES
RADIOACTIVE ISOTOPES
TRANSURANIUM ELEMENTS
AMERICIUM
AMERICIUM ISOTOPES
HEAVY ELEMENTS
AMERICIUM
AMERICIUM ISOTOPES
AMERICIUM 241
TRANSURANIUM ELEMENTS
AMERICIUM ISOTOPES
AMERICIUM 241
METALS
ACTINIDE SERIES
TRANSURANIUM ELEMENTS
AMERICIUM
AMERICIUM ISOTOPES
AMERICIUM 241

AMIDASE

GS ENZYMES
AMIDASE
ORGANIC COMPOUNDS
AMIDASE
PROTEINS
AMIDASE
RT AMINO ACIDS

AMIDES

GS NITROGEN COMPOUNDS
AMIDES
CARBAMIDES
CYANAMIDES
FORMHYDROXAMIC ACID
LYSERGAMIDE
NICOTINAMIDE
OXAMIC ACIDS
POLYIMIDES
SUCCINIMIDES
UREAS
DIFLUOROUREA
PSEUDOURA
THIOUREAS
ISOTHIOUREA
THIURONIUM
RT ALIPHATIC COMPOUNDS
IMIDES

AMINES

GS AMINES
AMINOPHYLLINE
AMPHETAMINES
METHAMPHETAMINE
ANILINE
CATECHOLAMINE
CYSTEAMINE
DIAMINES
ETHYLENEDIAMINE
GUANIDINES
GUANETHIDINE
TRIAMINOGUANIDINIUM AZIDE
DIFLUOROUREA
DIMETHYLDRAZINE
DIMETHYLHYDRAZINES
DIPHENYL HYDANTOIN
ERGOTAMINE
FLUOROAMINES
NITROFLUORAMINES
TRIFLUOROAMINE OXIDE
GALLAMINE TRIETHIODIDE
HEXAMETHYLENETETRAMINE
HISTIDINE
HYDROXYLAMINE SULFATE
HYOSCINE
MECAMYLLAMINE
MELAMINE
METHAPYRILENE
METHYLENE DIAMINE
MONOETHANOLAMINE (MEA)
NITROAMINES
NITROSAMINE
PENTAERYTHRYLAMINE
PROMETHAZINE
PSEUDOURA
TETRAFLUOROXYDRAZINE
TETRYL
THIURONIUM
TRINITRAMINE
TRIS (DIFLUORAMINO)
FLUOROMETHANE
TRYPTAMINES
SEROTONIN
VERSENE

NASA THESAURUS (VOLUME 1)

AMINES-(CONT.)

RT ALIPHATIC COMPOUNDS
HISTAMINES
HYDRAZINES
HYDROCARBON FUELS
IMINES
LEWIS BASE
NITROSYLS
PHENOLIC EPOXY RESINS

AMINO ACIDS

GS ACIDS
AMINO ACIDS
ALANINE
PHENYLALANINE
ASPARTIC ACID
CYSTEINE
FOLIC ACID
GLUTAMIC ACID
GLUTAMINE
GLUTATHIONE
GLYCINE
HIPURIC ACID
HISTIDINE
LEUCINE
NORLEUCINE
LYSINE
MELANOIDIN
METHIONINE
PAPAIN
PEPTIDES
HYPERTENSIN
PROTOPROTEINS
PYRIDINE NUCLEOTIDES
PYRUVATES
THYROXINE
TRYPTOPHAN
URIDYLIC ACID
ORGANIC COMPOUNDS
AMINO ACIDS
ALANINE
PHENYLALANINE
ASPARTIC ACID
CYSTEINE
FOLIC ACID
GLUTAMIC ACID
GLUTAMINE
GLUTATHIONE
GLYCINE
HIPURIC ACID
HISTIDINE
LEUCINE
NORLEUCINE
LYSINE
MELANOIDIN
METHIONINE
PAPAIN
PEPTIDES
HYPERTENSIN
POLYPEPTIDES
PROTOPROTEINS
PYRIDINE NUCLEOTIDES
THYROXINE
TRYPTOPHAN
URIDYLIC ACID
RT ADENOSINE TRIPHOSPHATE
ADRENOCORTICOTROPIN (ACTH)
AMIDASE
ASPARTATES
CYSTEAMINE
SYNTHETIC FOOD

AMINOPHYLLINE

GS AMINES
AMINOPHYLLINE
DIURETICS
AMINOPHYLLINE
DRUGS
RT AMINOPHYLLINE
STIMULANTS

AMINOPYRINE

GS HETEROCYCLIC COMPOUNDS
AMINOPYRINE
RT DRUGS

AMMETERS

GS MEASURING INSTRUMENTS
AMMETERS
MILLIAMMETERS
MICROMILLIAMMETERS
THERMOELEMENT AMMETERS
RT COULOMETERS
ELECTRIC CURRENT
ELECTRICAL MEASUREMENT

AMMETERS-(CONT.)

GALVANOMETERS
VOLTMETERS

AMMINES

RT AMMONIA
∞ CHEMICAL COMPOUNDS
COPPER
INTERMETALLICS
∞ METAL COMPOUNDS

AMMONIA

GS INORGANIC COMPOUNDS
. AMMONIA
. . LIQUID AMMONIA
NITROGEN COMPOUNDS
. AMMONIA
. . LIQUID AMMONIA
RT ABSORPTION COOLING
AMMINES
AMMONIUM COMPOUNDS
AMMONOLYSIS
ATMOSPHERIC ENERGY SOURCES
CULTIVATION
FERTILIZERS
KJELDAHL METHOD
NITROGEN HYDRIDES
REFRIGERANTS

AMMONIUM BROMIDES

GS AMMONIUM COMPOUNDS
. AMMONIUM BROMIDES
HALOGEN COMPOUNDS
. BROMINE COMPOUNDS
. . BROMIDES
. . . AMMONIUM BROMIDES
. HALIDES
. . BROMIDES
. . . AMMONIUM BROMIDES

AMMONIUM CHLORIDES

GS AMMONIUM COMPOUNDS
. AMMONIUM CHLORIDES
HALOGEN COMPOUNDS
. CHLORINE COMPOUNDS
. . CHLORIDES
. . . AMMONIUM CHLORIDES
. HALIDES
. . CHLORIDES
. . . AMMONIUM CHLORIDES

AMMONIUM COMPOUNDS

GS AMMONIUM COMPOUNDS
. AMMONIUM BROMIDES
. AMMONIUM CHLORIDES
. AMMONIUM NITRATES
. AMMONIUM PERCHLORATES
. AMMONIUM PHOSPHATES
. AMMONIUM PICRATES
. AMMONIUM SULFATES
. HYDROXYLAMMONIUM PERCHLORATES
RT AMMONIA
HEXAMETHONIUM

AMMONIUM NITRATES

GS AMMONIUM COMPOUNDS
. AMMONIUM NITRATES
NITROGEN COMPOUNDS
. NITRATES
. . INORGANIC NITRATES
. . . AMMONIUM NITRATES
RT CULTIVATION
FERTILIZERS

AMMONIUM PERCHLORATES

GS AMMONIUM COMPOUNDS
. AMMONIUM PERCHLORATES
HALOGEN COMPOUNDS
. CHLORINE COMPOUNDS
. . PERCHLORATES
. . . AMMONIUM PERCHLORATES
RT SOLID ROCKET PROPELLANTS

AMMONIUM PHOSPHATES

GS AMMONIUM COMPOUNDS
. AMMONIUM PHOSPHATES
PHOSPHORUS COMPOUNDS
. PHOSPHATES
. . AMMONIUM PHOSPHATES

AMMONIUM PICRATES

GS AMMONIUM COMPOUNDS
. AMMONIUM PICRATES
NITROGEN COMPOUNDS

AMMONIUM PICRATES-(CONT.)

. NITRO COMPOUNDS
. . PICRATES
. . . AMMONIUM PICRATES
RT EXPLOSIVES

AMMONIUM SULFATES

GS AMMONIUM COMPOUNDS
. AMMONIUM SULFATES
SULFUR COMPOUNDS
. SULFATES
. . AMMONIUM SULFATES

AMMONOLYSIS

GS CHEMICAL REACTIONS
. AMMONOLYSIS
DECOMPOSITION
. AMMONOLYSIS
RT AMMONIA
CRACKING (CHEMICAL ENGINEERING)
HYDROLYSIS

AMMUNITION

GS AMMUNITION
. INCENDIARY AMMUNITION
RT BLANKS
BOMBS (ORDNANCE)
CASE BONDED PROPELLANTS
EXPLOSIVE DEVICES
EXPLOSIVES
FUSES (ORDNANCE)
GRENADES
GUNS (ORDNANCE)
IGNITERS
MAGAZINES (SUPPLY CHAMBERS)
MINES (ORDNANCE)
MISSILES
ORDNANCE
PROJECTILES
PROPELLANTS
PYROTECHNICS
∞ ROCKETS
SHAPED CHARGES
∞ SHOT
TORPEDOES
∞ TRACERS
WARHEADS
WEAPONS

AMOBARBITAL

GS ACIDS
. AMOBARBITAL
RT CENTRAL NERVOUS SYSTEM
DEPRESSANTS

AMOEBEA

GS ANIMALS
. AMOEBEA
. . PELOMYXA
MICROORGANISMS
. PROTOZOA
. . AMOEBEA
. . . PELOMYXA
RT PARASITIC DISEASES

AMOOS

USE AEROMANEUVERING ORBIT TO ORBIT
SHUTTLE

AMOR ASTEROID

UF MINOR PLANET 1221
GS CELESTIAL BODIES
. ASTEROID BELTS
. . ASTEROIDS
. . . AMOR ASTEROID
RT ASTRONOMY
JUPITER (PLANET)
MARS (PLANET)
PLANETARY ORBITS
SOLAR SYSTEM

AMORPHOUS MATERIALS

RT ASPHALT
CRYSTALLINITY
GLASS
GRAPHOEPIITAXY
GROUT
∞ MATERIALS
SPIN GLASS

AMORPHOUS SEMICONDUCTORS

GS SEMICONDUCTORS (MATERIALS)
. AMORPHOUS SEMICONDUCTORS
RT SEMICONDUCTING FILMS

AMOUNT

UF QUANTITY
RT ADDITION
SUMS
VALUE

AMPERAGE

USE ELECTRIC CURRENT

AMPHETAMINES

GS AMINES
. AMPHETAMINES
. . METHAMPHETAMINE
RT CENTRAL NERVOUS SYSTEM
STIMULANTS

AMPHIBIA

GS ANIMALS
. POIKILOthermia
. . AMPHIBIA
. . . FROGS
. VERTEBRATES
. . AMPHIBIA
. . . FROGS

AMPHIBIOUS AIRCRAFT

GS AMPHIBIOUS VEHICLES
. AMPHIBIOUS AIRCRAFT
RT ∞ AIRCRAFT
SAAB 401 AIR CUSHION VEHICLE
SEAPLANES
VA-3 GROUND EFFECT MACHINE
WATER TAKEOFF AND LANDING
AIRCRAFT

AMPHIBIOUS VEHICLES

GS AMPHIBIOUS VEHICLES
. AMPHIBIOUS AIRCRAFT
RT BOATS
∞ MILITARY VEHICLES
SEAPLANES
SHIPS
SURFACE VEHICLES
∞ VEHICLES
WATER VEHICLES

AMPHIBOLES

GS MINERALS
. AMPHIBOLES
RT CALCIUM SILICATES

AMPLIDYNES

GS ELECTRIC GENERATORS
. ROTATING GENERATORS
. . AMPLIDYNES
RT AMPLIFIERS
ELECTRIC MOTORS
POWER AMPLIFIERS
SERVOMOTORS

AMPLIFICATION

UF AMPLIFICATION FACTOR
GAIN (AMPLIFICATION)
INTENSIFICATION
GS AMPLIFICATION
. POWER GAIN
. SOUND AMPLIFICATION
. WAVE AMPLIFICATION
RT AMPLIFIERS
AMPLITUDES
DYNAMIC CHARACTERISTICS
DYNAMIC RESPONSE
FLUID AMPLIFIERS
FLUIDICS
HIGH GAIN
MAGNIFICATION
POSITIVE FEEDBACK
SENSITIVITY
STABILITY
TRANSFER FUNCTIONS
TRANSIENT RESPONSE

AMPLIFICATION FACTOR

USE AMPLIFICATION

AMPLIFIER DESIGN

RT AMPLIFIERS
COMPUTERIZED DESIGN
∞ DESIGN
LOGIC DESIGN
OPERATIONAL AMPLIFIERS
PRODUCT DEVELOPMENT

AMPLIFIERS

NASA THESAURUS (VOLUME 1)

AMPLIFIERS

UF ELECTRONIC AMPLIFIERS
GS **AMPLIFIERS**
 . BEAM PLASMA AMPLIFIERS
 . BROADBAND AMPLIFIERS
 . CARCINOTRONS
 . CROSSED FIELD AMPLIFIERS
 . CURRENT AMPLIFIERS
 . PHOTOMULTIPLIER TUBES
 . . . FREQUENCY MODULATION
 PHOTOMULTIPLIERS
 . DIFFERENTIAL AMPLIFIERS
 . DISTRIBUTED AMPLIFIERS
 . FEEDBACK AMPLIFIERS
 . FLUID AMPLIFIERS
 . JET AMPLIFIERS
 . INTERMEDIATE FREQUENCY
 AMPLIFIERS
 . LIGHT AMPLIFIERS
 . LIMITER AMPLIFIERS
 . LINEAR AMPLIFIERS
 . MAGNETIC AMPLIFIERS
 . MAGNETOSTATIC AMPLIFIERS
 . MICROWAVE AMPLIFIERS
 . OPERATIONAL AMPLIFIERS
 . PARAMETRIC AMPLIFIERS
 . POSTAMPLIFIERS
 . POWER AMPLIFIERS
 . PREAMPLIFIERS
 . PUSH-PULL AMPLIFIERS
 . SERVOAMPLIFIERS
 . TRANSISTOR AMPLIFIERS
 . TRAVELING WAVE AMPLIFIERS
 . VOLTAGE AMPLIFIERS
RT AMPLIDYNES
 AMPLIFICATION
 AMPLIFIER DESIGN
 . BOOSTERS
 CAPACITORS
 CIRCUITS
 . ELECTRIC CELLS
 ELECTRIC CHOPPERS
 IMAGE INTENSIFIERS
 INTENSIFIERS
 KLYSTRONS
 LASER CAVITIES
 LASERS
 LINEAR CIRCUITS
 MASERS
 MODULATORS
 MULTIVIBRATORS
 OSCILLATORS
 RECEIVERS
 REPEATERS
 SOLID STATE DEVICES
 STIMULATED EMISSION DEVICES
 TRANSFORMERS
 TRAVELING WAVE MASERS

AMPLITRONS (TRADEMARK)
USE PLANOTRONS

AMPLITUDE DISTRIBUTION ANALYSIS
UF AMPLITUDE PROBABILITY ANALYSIS
GS STATISTICAL ANALYSIS
 . **AMPLITUDE DISTRIBUTION ANALYSIS**
RT PHOTOPEAK
 PULSE AMPLITUDE
 SIGNAL TO NOISE RATIOS
 SIGNATURES

AMPLITUDE MODULATION
GS MODULATION
 . **AMPLITUDE MODULATION**
RT DEMODULATION
 DEMODULATORS
 FREQUENCY MODULATION
 LIGHT MODULATION
 MODULATORS
 P.A.C.M. TELEMETRY
 PHASE MODULATION
 PULSE MODULATION
 SINGLE SIDEBAND TRANSMISSION

AMPLITUDE PROBABILITY ANALYSIS
USE AMPLITUDE DISTRIBUTION ANALYSIS

AMPLITUDES
GS **AMPLITUDES**
 . PULSE AMPLITUDE
 SCATTERING AMPLITUDE
RT AMPLIFICATION
 CYCLES
 DIMENSIONS
 DISPLACEMENT

AMPLITUDES-(CONT.)

FREQUENCIES
 . INTENSITY
 . LEVEL (QUANTITY)
 MAGNITUDE
 OSCILLATIONS
 PICOSECOND PULSES
 PULSES
 STANDING WAVE RATIOS
 VIBRATION

AMPOULES
RT . CONTAINERS
 LABORATORY EQUIPMENT
 VACUUM SYSTEMS

AMPS (SATELLITE PAYLOAD)
UF ATMOSPHERIC AND MAGNETOSPHERIC
 PAYLOAD
GS PLASMAS-IN-SPACE PAYLOAD
 MEASURING INSTRUMENTS
 . SATELLITE-BORNE INSTRUMENTS
 . **AMPS (SATELLITE PAYLOAD)**
 PAYLOADS
 . SPACELAB PAYLOADS
 . **AMPS (SATELLITE PAYLOAD)**
RT INSTRUMENT PACKAGES

AMTV
USE AUTOMATED MIXED TRAFFIC VEHICLES

AN-2 AIRCRAFT
GS ANTONOV AIRCRAFT
 . **AN-2 AIRCRAFT**
 JET AIRCRAFT
 . **AN-2 AIRCRAFT**
 MONOPLANES
 . **AN-2 AIRCRAFT**
 TRANSPORT AIRCRAFT
 . **AN-2 AIRCRAFT**

AN-22 AIRCRAFT
UF ANTHEUS AIRCRAFT
 ANTONOV AN-22 AIRCRAFT
 COCK AIRCRAFT
GS ANTONOV AIRCRAFT
 . **AN-22 AIRCRAFT**
 JET AIRCRAFT
 . TURBOPROP AIRCRAFT
 . **AN-22 AIRCRAFT**
 MONOPLANES
 . **AN-22 AIRCRAFT**
 TRANSPORT AIRCRAFT
 . **AN-22 AIRCRAFT**
RT PASSENGER AIRCRAFT

AN-24 AIRCRAFT
UF ANTONOV AN-24 AIRCRAFT
 COKE AIRCRAFT
GS ANTONOV AIRCRAFT
 . **AN-24 AIRCRAFT**
 JET AIRCRAFT
 . TURBOPROP AIRCRAFT
 . **AN-24 AIRCRAFT**
 MONOPLANES
 . **AN-24 AIRCRAFT**
 TRANSPORT AIRCRAFT
 . **AN-24 AIRCRAFT**
RT PASSENGER AIRCRAFT

ANABAENA
GS ALGAE
 . **ANABAENA**

ANAEROBES
GS MICROORGANISMS
 . **ANAEROBES**
RT AEROBES
 BACTERIA
 SEWAGE TREATMENT

ANALGESIA
RT ANESTHESIA
 DRUGS
 PAIN

ANALOG CIRCUITS
GS CIRCUITS
 . **ANALOG CIRCUITS**
RT DATA CONVERTERS
 OPERATIONAL AMPLIFIERS
 RHEOELECTRICAL SIMULATION

ANALOG COMPUTERS

UF DIFFERENTIAL ANALYZERS
GS DATA PROCESSING EQUIPMENT
 . COMPUTERS
 . **ANALOG COMPUTERS**
 . . . EAI 680 COMPUTER
 . . . HONEYWELL 600/6000 COMPUTER
 . . . SIGMA 5 COMPUTER
 . . . UNIVAC 1100 SERIES COMPUTERS
RT DIFFERENTIAL AMPLIFIERS
 DIGITAL COMPUTERS
 DISCRIMINATORS
 FUNCTIONAL INTEGRATION
 HYBRID COMPUTERS
 MISSILE CONTROL
 OPERATIONAL AMPLIFIERS
 RESOLVERS
 SIGNAL ANALYZERS
 SPECTRAL RESOLUTION

ANALOG DATA
RT BINARY DATA
 . DATA
 DATA CONVERTERS
 DATA PROCESSING
 DIGITAL DATA
 . MEASUREMENT
 VIDEO DATA

ANALOG SIMULATION
GS MODELS
 . MATHEMATICAL MODELS
 . **ANALOG SIMULATION**
 SIMULATION
 . COMPUTERIZED SIMULATION
 . **ANALOG SIMULATION**
RT COMPUTER SYSTEMS SIMULATION
 DIGITAL SIMULATION
 FLIGHT SIMULATION
 RHEOELECTRICAL SIMULATION
 SYSTEMS SIMULATION

ANALOG TO DIGITAL CONVERTERS
UF DIGITIZERS
GS DATA CONVERTERS
 . **ANALOG TO DIGITAL CONVERTERS**
RT CODERS
 CODING
 . CONVERTERS
 DATA ACQUISITION
 DIGITAL COMPUTERS
 DIGITAL SYSTEMS
 DIGITAL TO ANALOG CONVERTERS
 ILLIAC 3 COMPUTER
 ILLIAC 4 COMPUTER
 PLOTING

ANALOGIES
UF SIMILARITIES
GS **ANALOGIES**
 . HYDRAULIC ANALOGIES
RT COMPARISON
 HOMOLOGY
 SIMULATION

ANALOGS
RT MODELS
 SIMULATORS

ANALYSIS
USE ANALYZING

ANALYSIS (MATHEMATICS)
SN (THAT PART OF THE FIELD OF
 MATHEMATICS WHICH ARISES FROM
 THE CALCULUS AND WHICH DEALS
 PRIMARILY WITH FUNCTIONS)
GS **ANALYSIS (MATHEMATICS)**
 . APERIODIC FUNCTIONS
 . CALCULUS
 . CONTINUITY (MATHEMATICS)
 . DIFFERENTIAL CALCULUS
 . FOURIER-BESSEL TRANSFORMATIONS
 . GRAEFF CALCULUS
 . INTEGRAL CALCULUS
 . LIMITS (MATHEMATICS)
 . SERIES (MATHEMATICS)
 . ASYMPTOTIC SERIES
 . CAMPBELL-HAUSDORFF SERIES
 . COSINE SERIES
 . FOURIER SERIES
 . PADE APPROXIMATION
 . POWER SERIES
 . . . TAYLOR SERIES
 MACLAURIN SERIES

ANALYSIS (MATHEMATICS)-(CONT.)

. . . PROGRESSIONS
 . . . PRONY SERIES
 . . . SINE SERIES
 . . . VECTOR ANALYSIS
 . . . COLLINEARITY
 . . . COPLANARITY
 . . . CURL (VECTORS)
 . . . VORTICITY
 . . . COMBINATORIAL ANALYSIS
 . . . COMBINATIONS (MATHEMATICS)
 . . . FACTORIALS
 . . . PARTITIONS (MATHEMATICS)
 . . . PERMUTATIONS
 . . . COMPLEX VARIABLES
 . . . AIRY FUNCTION
 . . . ANALYTIC FUNCTIONS
 . . . ENTIRE FUNCTIONS
 . . . BESSEL FUNCTIONS
 . . . HANKEL FUNCTIONS
 . . . CAUCHY INTEGRAL FORMULA
 . . . CONFORMAL MAPPING
 . . . CONJUGATES
 . . . CONJUGATE POINTS
 . . . EXPONENTIAL FUNCTIONS
 . . . LOGARITHMS
 . . . GAMMA FUNCTION
 . . . HARMONIC FUNCTIONS
 . . . HYPERBOLIC FUNCTIONS
 . . . HYPERGEOMETRIC FUNCTIONS
 . . . LAGUERRE FUNCTIONS
 . . . LEGENDRE FUNCTIONS
 . . . LIOUVILLE THEOREM
 . . . MATHIEU FUNCTION
 . . . MEROMORPHIC FUNCTIONS
 . . . ELLIPTIC FUNCTIONS
 . . . RATIONAL FUNCTIONS
 . . . NONHOLONOMIC EQUATIONS
 . . . ORTHOGONAL FUNCTIONS
 . . . SCHWARZ-CHRISTOFFEL TRANSFORMATION
 . . . SINGULARITY (MATHEMATICS)
 . . . NAKED SINGULARITIES
 . . . SPHERICAL HARMONICS
 . . . DEPENDENT VARIABLES
 . . . FOURIER ANALYSIS
 . . . FOURIER SERIES
 . . . FUNCTION SPACE
 . . . HILBERT SPACE
 . . . BANACH SPACE
 . . . FUNCTIONAL ANALYSIS
 . . . HARMONIC ANALYSIS
 . . . TESSERAL HARMONICS
 . . . ZONAL HARMONICS
 . . . HILBERT SPACE
 . . . BANACH SPACE
 . . . INTEGRAL EQUATIONS
 . . . FREDHOLM EQUATIONS
 . . . J INTEGRAL
 . . . SINGULAR INTEGRAL EQUATIONS
 . . . VOLTERRA EQUATIONS
 . . . WIENER HOPF EQUATIONS
 . . . INTEGRAL TRANSFORMATIONS
 . . . CONVOLUTION INTEGRALS
 . . . FOURIER TRANSFORMATION
 . . . HILBERT TRANSFORMATION
 . . . LAPLACE TRANSFORMATION
 . . . HALF PLANES
 . . . HALF SPACES
 . . . HILL DETERMINANT
 . . . NUMERICAL ANALYSIS
 . . . APPROXIMATION
 . . . BORN APPROXIMATION
 . . . BORN-OPPENHEIMER APPROXIMATION
 . . . CHEBYSHEV APPROXIMATION
 . . . EDDINGTON APPROXIMATION
 . . . FINITE DIFFERENCE THEORY
 . . . FINITE ELEMENT METHOD
 . . . HARTREE APPROXIMATION
 . . . LEAST SQUARES METHOD
 . . . MEAN SQUARE VALUES
 . . . MILNE METHOD
 . . . NEWTON-RAPHSON METHOD
 . . . NUMERICAL DIFFERENTIATION
 . . . OSEEN APPROXIMATION
 . . . PADE APPROXIMATION
 . . . PARTICLE IN CELL TECHNIQUE
 . . . POHLHAUSEN METHOD
 . . . RAYLEIGH-RITZ METHOD
 . . . RELAXATION METHOD (MATHEMATICS)
 . . . RITZ AVERAGING METHOD
 . . . SOMMERFELD APPROXIMATION
 . . . COMPUTATIONAL FLUID DYNAMICS
 . . . DIFFERENCE EQUATIONS

ANALYSIS (MATHEMATICS)-(CONT.)

. . . ERROR ANALYSIS
 . . . GRAEFF CALCULUS
 . . . INTERPOLATION
 . . . ITERATION
 . . . MONTE CARLO METHOD
 . . . NOMOGRAPHS
 . . . NUMERICAL INTEGRATION
 . . . RUNGE-KUTTA METHOD
 . . . PFAFF EQUATION
 . . . PHASE-SPACE INTEGRAL
 . . . REAL VARIABLES
 . . . ABEL FUNCTION
 . . . ASYMPTOTES
 . . . BESSEL FUNCTIONS
 . . . HANKEL FUNCTIONS
 . . . BETHE-SALPETER EQUATION
 . . . CALCULUS OF VARIATIONS
 . . . COMPOSITE FUNCTIONS
 . . . DELTA FUNCTION
 . . . DIFFERENTIAL EQUATIONS
 . . . BLASIUS EQUATION
 . . . CAUCHY-RIEMANN EQUATIONS
 . . . CHANDRASEKHAR EQUATION
 . . . COSINE SERIES
 . . . DUFFING DIFFERENTIAL EQUATION
 . . . FALKNER-SKAN EQUATION
 . . . HYPERBOLIC DIFFERENTIAL EQUATIONS
 . . . LAME WAVE EQUATIONS
 . . . PARTIAL DIFFERENTIAL EQUATIONS
 . . . BIHARMONIC EQUATIONS
 . . . BURGER EQUATION
 . . . ELLIPTIC DIFFERENTIAL EQUATIONS
 . . . MONGE-AMPERE EQUATION
 . . . EULER-CAUCHY EQUATIONS
 . . . FOKKER-PLANCK EQUATION
 . . . GAUSS EQUATION
 . . . HELMHOLTZ VORTICITY EQUATION
 . . . LIOUVILLE EQUATIONS
 . . . PARABOLIC DIFFERENTIAL EQUATIONS
 . . . VLASOV EQUATIONS
 . . . POISSON EQUATION
 . . . EINSTEIN EQUATIONS
 . . . EXISTENCE THEOREMS
 . . . EXTREMUM VALUES
 . . . LIMITS (MATHEMATICS)
 . . . MAXIMA
 . . . MINIMA
 . . . FOURIER-BESSEL TRANSFORMATIONS
 . . . GREEN FUNCTION
 . . . HYPERBOLIC FUNCTIONS
 . . . HYPERPLANES
 . . . JACOBI INTEGRAL
 . . . JACOBI MATRIX METHOD
 . . . KERNEL FUNCTIONS
 . . . LIAPUNOV FUNCTIONS
 . . . LINEAR EQUATIONS
 . . . LINEAR EVOLUTION EQUATIONS
 . . . LIPSCHITZ CONDITION
 . . . MEASURE AND INTEGRATION
 . . . BINARY INTEGRATION
 . . . BOREL SETS
 . . . FUNCTIONAL INTEGRATION
 . . . INTEGRAL CALCULUS
 . . . J INTEGRAL
 . . . LEBESGUE THEOREM
 . . . NUMERICAL INTEGRATION
 . . . RUNGE-KUTTA METHOD
 . . . STIELTJES INTEGRAL
 . . . WEIGHTING FUNCTIONS
 . . . NEUMANN PROBLEM
 . . . NONLINEAR EQUATIONS
 . . . CUBIC EQUATIONS
 . . . DUFFING DIFFERENTIAL EQUATION
 . . . MONGE-AMPERE EQUATION
 . . . NONLINEAR EVOLUTION EQUATIONS
 . . . QUADRATIC EQUATIONS
 . . . QUARTIC EQUATIONS
 . . . NUMERICAL DIFFERENTIATION
 . . . PERIODIC FUNCTIONS
 . . . TRIGONOMETRIC FUNCTIONS
 . . . COSINE SERIES
 . . . SINE SERIES
 . . . TANGENTS
 . . . SERIES (MATHEMATICS)
 . . . ASYMPTOTIC SERIES
 . . . CAMPBELL-HAUSDORFF SERIES
 . . . COSINE SERIES
 . . . FOURIER SERIES
 . . . PADE APPROXIMATION
 . . . POWER SERIES
 . . . TAYLOR SERIES

ANALYSIS (MATHEMATICS)-(CONT.)

. . . MACLAURIN SERIES
 . . . PROGRESSIONS
 . . . PRONY SERIES
 . . . SINE SERIES
 . . . STURM-LIOUVILLE THEORY
 . . . VECTOR ANALYSIS
 . . . COLLINEARITY
 . . . COPLANARITY
 . . . CURL (VECTORS)
 . . . VORTICITY
 . . . WEIERSTRASS FUNCTIONS
 . . . WHITTAKER FUNCTIONS
 RT ALGEBRA
 ∞ ANALYZING
 ∞ APPLICATIONS OF MATHEMATICS
 DISCONTINUITY
 EQUILIBRIUM EQUATIONS
 GEOMETRY
 ∞ MATHEMATICS
 MONOTONE FUNCTIONS
 ∞ SPACE
 TREES (MATHEMATICS)
 VECTOR SPACES
 VENN DIAGRAMS
 VORTICITY EQUATIONS

ANALYSIS OF VARIANCE

GS STATISTICAL ANALYSIS
 . VARIANCE (STATISTICS)
 . ANALYSIS OF VARIANCE
 RT ∞ VARIANCE

ANALYTIC FUNCTIONS

UF HOLOMORPHISM
 GS ANALYSIS (MATHEMATICS)
 . COMPLEX VARIABLES
 . ANALYTIC FUNCTIONS
 . . ENTIRE FUNCTIONS
 . FUNCTIONS (MATHEMATICS)
 . ANALYTIC FUNCTIONS
 . . ENTIRE FUNCTIONS
 RT CAUCHY-RIEMANN EQUATIONS
 ISOPERIMETRIC PROBLEM
 NONHOLONOMIC EQUATIONS
 POWER SERIES

ANALYTIC GEOMETRY

GS GEOMETRY
 . EUCLIDEAN GEOMETRY
 . ANALYTIC GEOMETRY
 . . CATENARIES
 . . CIRCUMFERENCES
 . . CONICS
 . . ELLIPSES
 . . HYPERBOLAS
 . . PARABOLAS
 . . CYCLOIDS
 . . EPICYCLOIDS
 . . LOCI
 . . MERCATOR PROJECTION
 . . QUADRANTS
 . . S CURVES
 . . GOMPERTZ CURVES
 . . SPHEROIDS
 . . OBLATE SPHEROIDS
 . . PROLATE SPHEROIDS
 . . TANGENTS
 . . TORUSES
 . . TRIGONOMETRY
 RT ANNULI
 ASYMPTOTES
 CALCULUS
 COORDINATES
 CURVES (GEOMETRY)
 ∞ CYLINDERS
 DESCRIPTIVE GEOMETRY
 DIFFERENTIAL GEOMETRY
 POLYTOPES
 PROJECTIVE GEOMETRY

ANALYTICAL CHEMISTRY

RT CHEMICAL ANALYSIS
 ∞ CHEMISTRY
 INORGANIC CHEMISTRY
 QUALITATIVE ANALYSIS
 QUANTITATIVE ANALYSIS
 VOLUMETRIC ANALYSIS

ANALYZERS

SN (EXCLUDES DEVICES FOR PERFORMING MATHEMATICAL ANALYSIS)
 GS MEASURING INSTRUMENTS
 . ANALYZERS
 . . ENGINE ANALYZERS

ANALYZING

ANALYZERS-(CONT.)

RT . . . SIGNAL ANALYZERS
 CONTROLLERS
 ∞ DETECTORS
 MONITORS
 SELECTORS
 ∞ TEST EQUIPMENT

∞ ANALYZING

SN (USE OF A MORE SPECIFIC TERM IS
 RECOMMENDED)
 UF ANALYSIS
 INSTRUMENTAL ANALYSIS
 RT ACTIVATION ANALYSIS
 ALGEBRA
 ANALYSIS (MATHEMATICS)
 CHEMICAL ANALYSIS
 COMBINATORIAL ANALYSIS
 COST ANALYSIS
 CREEP ANALYSIS
 DESIGN ANALYSIS
 DIAGNOSIS
 DIFFERENTIAL GEOMETRY
 DIFFERENTIAL THERMAL ANALYSIS
 DUALITY PRINCIPLE
 EVALUATION
 EXAMINATION
 FAILURE ANALYSIS
 FIGURE OF MERIT
 FORECASTING
 MANAGEMENT ANALYSIS
 MULTIVARIATE STATISTICAL ANALYSIS
 NETWORK ANALYSIS
 NUMERICAL ANALYSIS
 PHOTOINTERPRETATION
 POSTFLIGHT ANALYSIS
 PREDICTION ANALYSIS TECHNIQUES
 PREFLIGHT ANALYSIS
 RELIABILITY ANALYSIS
 SIGNAL ANALYSIS
 SIGNATURE ANALYSIS
 SPECTRUM ANALYSIS
 STATISTICAL ANALYSIS
 STRESS ANALYSIS
 STRUCTURAL ANALYSIS
 SYSTEMS ANALYSIS
 TERRAIN ANALYSIS
 TRAINING ANALYSIS
 TRAJECTORY ANALYSIS
 WEIGHT ANALYSIS
 X RAY ANALYSIS

ANAPHYLAXIS

GS SENSITIVITY
 . ANAPHYLAXIS
 RT SENSITIZING

ANASTIGMATISM

RT OPTOMETRY
 VISION

ANATASE

UF OCTAHEDRITE
 GS CHALCOGENIDES
 . OXIDES
 . . . METAL OXIDES
 . . . TITANIUM OXIDES
 . . . ANATASE
 MINERALS
 . ANATASE
 TITANIUM COMPOUNDS
 . TITANIUM OXIDES
 . . ANATASE
 RT PIGMENTS
 RUTILE

ANATOMY

GS ANATOMY
 . ABDOMEN
 . BRAIN
 . . BRAIN STEM
 . . CEREBELLUM
 . . CEREBRAL CORTEX
 . . CEREBRUM
 . . HIPPOCAMPUS
 . . CARDIOVASCULAR SYSTEM
 . . BLOOD VESSELS
 . . . ARTERIES
 . . . AORTA
 . . . CAPILLARIES (ANATOMY)
 . . . GLOMERULUS
 . . . VEINS
 . . . CORPUSCLES
 . . DIASTOLE
 . . ERYTHROCYTES

ANATOMY-(CONT.)

. . . RETICULOCYTES
 . . HEART
 . . . CARDIAC AURICLES
 . . . CARDIAC VENTRICLES
 . . . EPICARDIUM
 . . . MYOCARDIUM
 . . . HEMATOPOIESIS
 . . . HEMATOPOIETIC SYSTEM
 . . . LEUKOCYTES
 . . . EOSINOPHILS
 . . . LYMPHOCYTES
 . . SYSTOLE
 . . THROMBIN
 . . THROMBOPLASTIN
 . CHEST
 . CIRCULATORY SYSTEM
 . VASCULAR SYSTEM
 . . . BLOOD VESSELS
 . . . ARTERIES
 AORTA
 CAPILLARIES (ANATOMY)
 GLOMERULUS
 VEINS
 . FEET (ANATOMY)
 . FINGERS
 . GENITOURINARY SYSTEM
 . BLADDER
 . OVARIES
 . PROSTATE GLAND
 . TESTES
 . UTERUS
 . GLANDS (ANATOMY)
 . ENDOCRINE GLANDS
 . . ADRENAL GLAND
 . . GONADS
 . . OVARIES
 . . PANCREAS
 . . PARATHYROID GLAND
 . . PINEAL GLAND
 . . PITUITARY GLAND
 . . PROSTATE GLAND
 . . THYMUS GLAND
 . . THYROID GLAND
 . MAMMARY GLANDS
 . SALIVARY GLANDS
 . SEBACEOUS GLANDS
 . SEX GLANDS
 . . GONADS
 . . OVARIES
 . . PROSTATE GLAND
 . . TESTES
 . HEAD (ANATOMY)
 . OCCIPITAL LOBES
 . SKULL
 . . CRANIUM
 . . . INTRACRANIAL CAVITY
 . HUMAN BODY
 . LIMBS (ANATOMY)
 . . ARM (ANATOMY)
 . . ELBOW (ANATOMY)
 . . FOREARM
 . . HAND (ANATOMY)
 . . LEG (ANATOMY)
 . . KNEE (ANATOMY)
 . MUSCULOSKELETAL SYSTEM
 . . BONES
 . . . CARTILAGE
 . . . CEREBRUM
 . . . FEMUR
 . . . MARROW
 . . . MASTOIDS
 . . . PELVIS
 . . . SCAPULA
 . . . SCIATIC REGION
 . . . SKULL
 . . . CRANIUM
 INTRACRANIAL CAVITY
 . . STERNUM
 . . . TIBIA
 . . . ULNA
 . . . VERTEBRAE
 . CHIN
 . . CONNECTIVE TISSUE
 . . . CARTILAGE
 . . . COLLAGENS
 . . . CONGENERS
 . . . MARROW
 . . . CONSTRICTORS
 . . FLEXORS
 . . JOINTS (ANATOMY)
 . . . ELBOW (ANATOMY)
 . . . KNEE (ANATOMY)
 . . . WRIST
 . . VERTEBRAL COLUMN
 . NECK (ANATOMY)

ANATOMY-(CONT.)

. . . ORGANS
 . . BLADDER
 . . ESOPHAGUS
 . . KIDNEYS
 . . LIVER
 . . LUNGS
 . . OVARIES
 . . PITUITARY GLAND
 . . SPLEEN
 . . STOMACH
 . . TESTES
 . . RESPIRATORY SYSTEM
 . . BRONCHI
 . . BRONCHIAL TUBE
 . . PHARYNX
 . . TRACHEA
 . . DIAPHRAGM (ANATOMY)
 . . LUNGS
 . . NOSE (ANATOMY)
 . . SENSE ORGANS
 . . BARORECEPTORS
 . . CHEMORECEPTORS
 . . EAR
 . . CORTI ORGAN
 . . EARDRUMS
 . . LABYRINTH
 . . . COCHLEA
 . . . VESTIBULES
 . . MASTOIDS
 . . MIDDLE EAR
 . . SEMICIRCULAR CANALS
 . . EUSTACHIAN TUBES
 . . EYE (ANATOMY)
 . . CHOROID MEMBRANES
 . . CONJUNCTIVA
 . . CORNEA
 . . OCULOMOTOR NERVES
 . . PUPILS
 . . RETINA
 . . . FOVEA
 . . GRAVIRECEPTORS
 . . OTOLITH ORGANS
 . . MECHANORECEPTORS
 . . PHOTORECEPTORS
 . . PROPRIOCEPTORS
 . . THERMORECEPTORS
 . THIGH
 . TORSO
 RT APPENDAGES
 BIFURCATION (BIOLOGY)
 BIODYNAMICS
 ∞ DIFFERENTIATION
 DIFFERENTIATION (BIOLOGY)
 DORSAL SECTIONS
 EPITHELIUM
 EXOSKELETONS
 HEPATITIS
 LUMBAR REGION
 MORPHOLOGY
 POSTERIOR SECTIONS
 VESTIBULAR NYSTAGMUS

ANCHORS (FASTENERS)

GS FASTENERS
 . ANCHORS (FASTENERS)
 RT ∞ BANDS
 BOLTS
 BRACKETS
 CLIPS
 COUPLINGS
 GUY WIRES
 HOLDERS
 MOORING
 NUTS (FASTENERS)
 SCREWS
 STRAPS
 STUDS (STRUCTURAL MEMBERS)
 TETHERLINES

ANDES MOUNTAINS (SOUTH AMERICA)

GS LANDFORMS
 . MOUNTAINS
 . . ANDES MOUNTAINS (SOUTH
 AMERICA)
 RT SOUTH AMERICA

ANDESITE

GS ALUMINUM COMPOUNDS
 . ALUMINUM SILICATES
 . . ANDESITE
 ROCKS
 . . ANDESITE
 SILICON COMPOUNDS
 . ALUMINUM SILICATES

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ANGULAR VELOCITY

ANDESITE-(CONT.)

. . . ANDESITE
. . . SILICATES
. . . ANDESITE
RT FELDSPARS
IGNEOUS ROCKS
MINERALS
SOILS

ANDORRA

RT EUROPE
FRANCE
NATIONS
PYRENEES MOUNTAINS (EUROPE)
SPAIN

∞ ANDROMEDA

SN *(USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)*
RT ANDROMEDA CONSTELLATION
ANDROMEDA GALAXIES

ANDROMEDA CONSTELLATION

GS CONSTELLATIONS
. . . ANDROMEDA CONSTELLATION
RT ∞ ANDROMEDA
ANDROMEDA GALAXIES

ANDROMEDA GALAXIES

GS CELESTIAL BODIES
. . . GALAXIES
. . . ANDROMEDA GALAXIES
RT ∞ ANDROMEDA
ANDROMEDA CONSTELLATION
DISK GALAXIES
SPIRAL GALAXIES

ANECHOIC CHAMBERS

GS COMPARTMENTS
. . . TEST CHAMBERS
. . . ANECHOIC CHAMBERS
TEST FACILITIES
. . . ANECHOIC CHAMBERS
RT ACOUSTIC ATTENUATION
ACOUSTIC MEASUREMENT
ACOUSTICS
∞ CHAMBERS
ZERO SOUND

ANELASTICITY

GS MECHANICAL PROPERTIES
. . . ELASTIC PROPERTIES
. . . ANELASTICITY
RT CREEP PROPERTIES
INTERNAL FRICTION
MODULUS OF ELASTICITY
STRESS RELAXATION

ANEMIAS

GS DISEASES
. . . ANEMIAS
RT ADDISONS DISEASE
BLOOD
CORPUSCLES
HEMATOCRIT RATIO
HEMOGLOBIN

ANEMOMETERS

GS AIRCRAFT INSTRUMENTS
. . . SPEED INDICATORS
. . . ANEMOMETERS
. . . DRAG FORCE ANEMOMETERS
. . . HOT-WIRE ANEMOMETERS
. . . SONIC ANEMOMETERS
DISPLAY DEVICES
. . . SPEED INDICATORS
. . . ANEMOMETERS
. . . DRAG FORCE ANEMOMETERS
. . . HOT-FILM ANEMOMETERS
. . . HOT-WIRE ANEMOMETERS
. . . SONIC ANEMOMETERS
MEASURING INSTRUMENTS
. . . INDICATING INSTRUMENTS
. . . SPEED INDICATORS
. . . ANEMOMETERS
. . . DRAG FORCE ANEMOMETERS
. . . HOT-FILM ANEMOMETERS
. . . HOT-WIRE ANEMOMETERS
. . . LASER ANEMOMETERS
. . . SONIC ANEMOMETERS
RT FLOW MEASUREMENT
METEOROLOGICAL INSTRUMENTS
VELOCITY MEASUREMENT
WIND (METEOROLOGY)
WIND MEASUREMENT

ANEMOMETERS-(CONT.)

WIND VANES
WIND VELOCITY
WIND VELOCITY MEASUREMENT

ANEMOMETRY

USE VELOCITY MEASUREMENT

ANESTHESIA

GS ANESTHESIA
. . . ELECTROANESTHESIA
RT ANALGESIA
HYPNOSIS
SENSORY PERCEPTION
UNCONSCIOUSNESS

ANESTHESIOLOGY

GS MEDICAL SCIENCE
. . . ANESTHESIOLOGY
RT CHLOROFORM
CLINICAL MEDICINE
DEPRESSANTS
DIAGNOSIS
DRUGS
PHARMACOLOGY

ANESTHETICS

GS DRUGS
. . . ANESTHETICS
. . . CHLOROFORM
. . . CYCLOPROPANE
. . . METHYL CHLORIDE
. . . NOVOCAIN
. . . XYLOCAINE
RT ETHERS

ANGELS

GS ECHOES
. . . ANGELS
RT GLINT
RADAR CROSS SECTIONS
RADIO ECHOES

ANGINA PECTORIS

GS DISEASES
. . . HEART DISEASES
. . . ANGINA PECTORIS
RT ANOXIA
ARTERIOSCLEROSIS
CORONARY ARTERY DISEASE
EMOTIONAL FACTORS
HEART FUNCTION
HEART RATE
MYOCARDIUM
PHYSICAL EXERCISE
STRESS (PHYSIOLOGY)

ANGIOGRAPHY

GS IMAGERY
. . . RADIOGRAPHY
. . . ANGIOGRAPHY
RT BRAIN
CARDIOLOGY
CARDIOVASCULAR SYSTEM

ANGIOSPERMS

RT GRAINS (FOOD)
NUTS (FRUITS)
PLANTS (BOTANY)
VEGETABLES

ANGLE OF ATTACK

GS GEOMETRY
. . . EUCLIDEAN GEOMETRY
. . . ANGLES (GEOMETRY)
. . . ANGLE OF ATTACK
. . . ZERO ANGLE OF ATTACK
RT AERODYNAMIC CHARACTERISTICS
AERODYNAMIC STALLING
BOUNDARY LAYER SEPARATION
LIFT
SWEEP ANGLE

ANGLES (GEOMETRY)

GS GEOMETRY
. . . EUCLIDEAN GEOMETRY
. . . ANGLES (GEOMETRY)
. . . ANGLE OF ATTACK
. . . ZERO ANGLE OF ATTACK
. . . BRAGG ANGLE
. . . BREWSTER ANGLE
. . . DIHEDRAL ANGLE
. . . ELEVATION ANGLE
. . . LOOK ANGLES (ELECTRONICS)

ANGLES (GEOMETRY)-(CONT.)

. . . LOOK ANGLES (TRACKING)
. . . SWEEP ANGLE
. . . SWEEPBACK
. . . LEADING EDGE SWEEP
RT ANGULAR RESOLUTION
APSIDES
AZIMUTH
COMPLEMENTS (MATHEMATICS)
CORNERS
ELONGATION
GONIOMETERS
∞ GRADE
GRADIENTS
INCIDENCE
OBLIQUENESS
PHASE SHIFT
PHOTOGONIOMETERS
PITCH (INCLINATION)
∞ PROFILES
PROTRACTORS
RECIPROCAL THEOREMS
SLOPES
TRIANGULATION
TRIGONOMETRY

ANGOLA

RT AFRICA
NATIONS

ANGULAR ACCELERATION

GS RATES (PER TIME)
. . . ACCELERATION (PHYSICS)
. . . ANGULAR ACCELERATION
RT CENTRIFUGAL FORCE
CENTRIPETAL FORCE
DECELERATION
ROTATION
SPIN REDUCTION
TRANSVERSE ACCELERATION
YO-YO DEVICES

ANGULAR CORRELATION

GS CORRELATION
. . . ANGULAR CORRELATION
RT DATA CORRELATION
MATTS (SYSTEMS)
VIEW EFFECTS

ANGULAR DISTRIBUTION

GS DISTRIBUTION (PROPERTY)
. . . ANGULAR DISTRIBUTION
RT ELECTRON DENSITY PROFILES
ELEMENTARY PARTICLE INTERACTIONS
FLUX DENSITY
FORCE DISTRIBUTION
MASS DISTRIBUTION
MOMENT DISTRIBUTION
NUCLEAR SCATTERING
STAR DISTRIBUTION

ANGULAR MOMENTUM

GS MOMENTUM
. . . ANGULAR MOMENTUM
RT CLASSICAL MECHANICS
CLEBSCH-GORDAN COEFFICIENTS
ELECTRON SPIN
KINETICS
MOMENTS OF INERTIA
PARTICLE SPIN
QUANTUM NUMBERS
QUANTUM THEORY
QUENCHING (ATOMIC PHYSICS)
RACAH COEFFICIENT
REGGE POLES
SPIN
SPIN TESTS
STELLAR ROTATION
WIGNER COEFFICIENT

ANGULAR MOTION

USE ANGULAR VELOCITY

ANGULAR RESOLUTION

GS RESOLUTION
. . . ANGULAR RESOLUTION
RT ACCURACY
ANGLES (GEOMETRY)
HIGH RESOLUTION
∞ OPTICS
RADAR RESOLUTION

ANGULAR VELOCITY

UF ANGULAR MOTION
GS RATES (PER TIME)

ANHYDRIDES

ANGULAR VELOCITY-(CONT.)

. ANGULAR VELOCITY
 VELOCITY
 . ANGULAR VELOCITY
 RT GYRATION
 ORBITAL VELOCITY
 REVOLVING
 ROTATION
 ROTOR SPEED
 TACHOMETERS
 TIP SPEED

ANHYDRIDES

GS CHALCOGENIDES
 . OXIDES
 . ANHYDRIDES
 . . . PEROXIDES
 . . . INORGANIC PEROXIDES
 . . . ORGANIC PEROXIDES
 . . . SODIUM PEROXIDES
 RT ACIDS
 BASES (CHEMICAL)

ANIK A

USE ANIK 1

ANIK B

USE ANIK 2

ANIK C

USE ANIK 3

ANIK 1

UF ANIK A
 TELESAT CANADA A
 GS SATELLITES
 . ARTIFICIAL SATELLITES
 . SYNCHRONOUS SATELLITES
 . . . ANIK 1
 . EARTH SATELLITES
 . SYNCHRONOUS SATELLITES
 . . . ANIK 1
 RT CANADA
 CANADIAN SPACE PROGRAMS
 DELTA LAUNCH VEHICLE
 INTERNATIONAL COOPERATION

ANIK 2

UF ANIK B
 TELESAT CANADA B
 GS SATELLITES
 . ARTIFICIAL SATELLITES
 . SYNCHRONOUS SATELLITES
 . . . ANIK 2
 . EARTH SATELLITES
 . SYNCHRONOUS SATELLITES
 . . . ANIK 2
 RT CANADA
 CANADIAN SPACE PROGRAMS
 DELTA LAUNCH VEHICLE
 INTERNATIONAL COOPERATION

ANIK 3

UF ANIK C
 TELESAT CANADA C
 TELESAT CANADA 3
 GS SATELLITES
 . ARTIFICIAL SATELLITES
 . SYNCHRONOUS SATELLITES
 . . . ANIK 3
 . EARTH SATELLITES
 . SYNCHRONOUS SATELLITES
 . . . ANIK 3
 RT CANADA
 CANADIAN SPACE PROGRAMS
 INTERNATIONAL COOPERATION

ANILINE

GS AMINES
 . ANILINE
 RT DYES

ANIMALS

UF METAZOA
 GS ANIMALS
 . AMOEBA
 . PELOMYXA
 . HETEROTROPHS
 . INVERTEBRATES
 . ARTHROPODS
 . . . ARTEMIA
 . . . CEPHALOPODS
 . . . MOLLUSKS
 . . . OCTOPUSES

ANIMALS-(CONT.)

. . . SNAILS
 . . . CRABS
 . . . INSECTS
 . . . BEES
 . . . BOLL WEEVILS
 . . . CHIRONOMUS FLIES
 . . . COCKROACHES
 . . . COLEOPTERA
 . . . CRICKETS
 . . . BEETLES
 . . . TRIBOLIA
 . . . DROSOPHILA
 . . . FIREFLIES
 . . . GRASSHOPPERS
 . . . LARVAE
 . . . BOLLWORMS
 . . . SILKWORMS
 . . . LOCUSTS
 . . . MOTHS
 . . . SILKWORMS
 . . . PUPA
 . . . SPIDERS
 . . . PROTOZOA
 . . . FLAGELLATA
 . . . COLPIDIA
 . . . TRYPANOSOME
 . . . PARAMECIA
 . . . ROTIFERA
 . . . PELOMYXA
 . . . SEA URCHINS
 . . . SPORES
 . . . MICROSPORES
 . . . WORMS
 . . . FLATWORMS
 . . . LIVESTOCK
 . . . MOLES
 . . . POIKILOthermia
 . . . AMPHIBIA
 . . . FROGS
 . . . REPTILES
 . . . LIZARDS
 . . . SNAKES
 . . . TURTLES
 . . . VERTEBRATES
 . . . AMPHIBIA
 . . . FROGS
 . . . BIRDS
 . . . CHICKENS
 . . . PIGEONS
 . . . TURKEYS
 . . . WATERFOWL
 . . . FISHES
 . . . SCHOOLS (FISH)
 . . . SHARKS
 . . . MAMMALS
 . . . BATS
 . . . BEARS
 . . . CATS
 . . . CATTLE
 . . . CALVES
 . . . DEER
 . . . CARIBOUS
 . . . DOGS
 . . . DOLPHINS
 . . . GOATS
 . . . HORSES
 . . . MANATEES
 . . . MARINE MAMMALS
 . . . OPOSSUM
 . . . PORPOISES
 . . . PRIMATES
 . . . BABOONS
 . . . CHIMPANZEES
 . . . HUMAN BEINGS
 . . . MONKEYS
 . . . CERCOCEBUS MONKEYS
 . . . MANGABEYS
 . . . RODENTS
 . . . GUINEA PIGS
 . . . HAMSTERS
 . . . MICE
 . . . JERBOAS
 . . . POCKET MICE
 . . . RABBITS
 . . . RATS
 . . . SQUIRRELS
 . . . GROUND SQUIRRELS
 . . . SEALS (ANIMALS)
 . . . SHEEP
 . . . SHREWS
 . . . SWINE
 . . . WHALES
 . . . WOLVERINES
 . . . WOLVES
 . . . REPTILES

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ANIMALS-(CONT.)

. . . LIZARDS
 . . . SNAKES
 . . . TURTLES
 . . . WILDLIFE
 . . . BABOONS
 . . . BATS
 . . . BIRDS
 . . . CERCOCEBUS MONKEYS
 . . . CHIMPANZEES
 RT BIOMASS
 CARBON CYCLE
 CENSUS
 ENDANGERED SPECIES
 FOOD CHAIN
 GRAZING
 HABITATS
 HOMEOTHERMS
 MICROORGANISMS
 ORGANISMS
 PARASITES
 PLANKTON
 PLANTS (BOTANY)
 VIABILITY
 WILDLIFE RADIOLOCATION
 ∞ ZOOLOGY

ANIMATION

USE MOTION

ANIONS

GS IONS
 . ANIONS
 PARTICLES
 . CHARGED PARTICLES
 RT ANIONS
 ANODES
 CATIONS
 CELL ANODES
 IONIC MOBILITY
 NEGATIVE IONS

ANISOLE

GS ETHERS
 . ANISOLE
 HETEROCYCLIC COMPOUNDS
 . ANISOLE

ANISOTROPIC FLUIDS

GS MEDIA
 . ANISOTROPIC MEDIA
 . . ANISOTROPIC FLUIDS
 RT ANISOTROPY
 ∞ FLUIDS
 INVARIANT IMBEDDINGS
 ISCTROPY
 LIQUID CRYSTALS
 NEWTONIAN FLUIDS

ANISOTROPIC MEDIA

GS MEDIA
 . ANISOTROPIC MEDIA
 . . ANISOTROPIC FLUIDS
 RT ANISOTROPY
 BIREFRINGENCE
 BIREFRINGENT COATINGS
 HOMOGENEITY
 ISOTROPIC MEDIA
 ∞ MATERIALS
 POLARIZATION (WAVES)

ANISOTROPIC PLATES

UF NONISOTROPIC PLATES
 GS STRUCTURAL MEMBERS
 . PLATES (STRUCTURAL MEMBERS)
 . . ANISOTROPIC PLATES
 RT CANTILEVER PLATES
 END PLATES
 PERFORATED PLATES
 REINFORCED PLATES

ANISOTROPIC SHELLS

GS SHELLS (STRUCTURAL FORMS)
 . ANISOTROPIC SHELLS
 RT CORRUGATED SHELLS
 ELASTIC SHELLS
 REINFORCED SHELLS

ANISOTROPY

UF NONISOTROPY
 ONISOTROPY
 PHOTOTHERMOTROPISM
 THERMOTROPISM
 GS ANISOTROPY
 . PLASTIC ANISOTROPY

ANISOTROPY-(CONT.)

RT . . ELASTIC ANISOTROPY
 AEOLOTROPISM
 ANISOTROPIC FLUIDS
 ANISOTROPIC MEDIA
 BIREFRINGENCE
 CRYSTAL STRUCTURE
 CRYSTALS
 DIRECTIVITY
 ISOTROPY
 MECHANICAL PROPERTIES
 METALLOGRAPHY
 POLARIZATION (SPIN ALIGNMENT)
 POLARIZATION (WAVES)
 SPATIAL DISTRIBUTION

ANNA HURRICANE

GS STORMS
 . . CYCLONES
 . . HURRICANES
 . . . **ANNA HURRICANE**
 . STORMS (METEOROLOGY)
 . . TROPICAL STORMS
 . . . HURRICANES
 **ANNA HURRICANE**

ANNA SATELLITES

GS SATELLITES
 . ARTIFICIAL SATELLITES
 . . GEODETIC SATELLITES
 . . . **ANNA SATELLITES**
 . EARTH SATELLITES
 . . GEODETIC SATELLITES
 . . . **ANNA SATELLITES**
 UNMANNED SPACECRAFT
 . GEODETIC SATELLITES
 . . **ANNA SATELLITES**
 RT EXPLORER 29 SATELLITE
 EXPLORER 36 SATELLITE
 GEOS 1 SATELLITE
 GEOS 2 SATELLITE
 GEOS 3 SATELLITE

ANNEALING

GS HEAT TREATMENT
 . **ANNEALING**
 . . LASER ANNEALING
 . . PULSE HEATING
 RT GRAPHITIZATION
 HARDENING (MATERIALS)
 HEATING
 NORMALIZING (HEAT TREATMENT)
 RECRYSTALLIZATION
 SOFTENING
 STRESS RELIEVING
 TEMPERING

ANNIHILATION REACTIONS

GS NUCLEAR REACTIONS
 . **ANNIHILATION REACTIONS**
 . . POSITRON ANNIHILATION
 RT ANTIPARTICLES
 HIGH ENERGY INTERACTIONS
 PHOTONS
 PROTON-PROTON REACTIONS

ANNOTATIONS

RT ABSTRACTS
 INFORMATION
 SUMMARIES

ANNUAL VARIATIONS

UF SEASONAL VARIATIONS
 GS VARIATIONS
 . PERIODIC VARIATIONS
 . . **ANNUAL VARIATIONS**
 RT ATMOSPHERIC CIRCULATION
 BROWN WAVE EFFECT
 CYCLES
 GREEN WAVE EFFECT
 MAGNETIC VARIATIONS
 METEOROLOGICAL PARAMETERS
 METEOROLOGY
 MONSOONS
 SEASONS
 TEMPORAL DISTRIBUTION
 WEATHER
 WIND VARIATIONS

ANNULAR CORE PULSE REACTORS

GS NUCLEAR REACTORS
 . **ANNULAR CORE PULSE REACTORS**
 RT . . NUCLEAR ENERGY
 NUCLEAR FUEL ELEMENTS
 NUCLEAR FUELS

ANNULAR CORE PULSE REACTORS-(CONT.)

REACTOR CORES
 REACTOR DESIGN
 REACTOR MATERIALS
 REACTOR PHYSICS
 REACTOR SAFETY
 REACTOR TECHNOLOGY
 . . REACTORS

ANNULAR DUCTS

GS DUCTS
 . **ANNULAR DUCTS**
 RT AIR DUCTS
 DUCT GEOMETRY
 DUCTED BODIES
 FLUID FLOW
 INTAKE SYSTEMS
 NOSE INLETS
 OPENINGS
 ORIFICES
 VENTS

ANNULAR FLOW

GS FLUID FLOW
 . AXISYMMETRIC FLOW
 . . **ANNULAR FLOW**
 RT ANNULI
 AXIAL FLOW
 CHANNEL FLOW
 COAXIAL FLOW
 COUETTE FLOW
 . . FLOW
 . . FLOW GEOMETRY
 HEAT TRANSMISSION
 NOZZLE FLOW
 ONE DIMENSIONAL FLOW
 TURBULENT FLOW

ANNULAR NOZZLES

RT ANNULI
 COAXIAL FLOW
 CONICAL NOZZLES
 EXHAUST NOZZLES
 INLET NOZZLES
 . . NOZZLES
 . . PLUG NOZZLES
 ROCKET NOZZLES
 SHROUDED NOZZLES
 SPRAY NOZZLES

ANNULAR PLATES

GS STRUCTURAL MEMBERS
 . PLATES (STRUCTURAL MEMBERS)
 . . **ANNULAR PLATES**
 RT ANNULI
 CIRCULAR PLATES
 FLAT PLATES

ANNULAR SUSPENSION AND POINTING SYSTEM

GS FLIGHT CONTROL
 . POINTING CONTROL SYSTEMS
 . . **ANNULAR SUSPENSION AND POINTING SYSTEM**
 RT MAGNETIC SUSPENSION
 PAYLOADS
 SPACE SHUTTLES
 SPACE TRANSPORTATION SYSTEM
 SPACELAB
 SPACELAB PAYLOADS

ANNULI

RT ANALYTIC GEOMETRY
 ANNULAR FLOW
 ANNULAR NOZZLES
 ANNULAR PLATES
 FLOW MEASUREMENT
 . . RINGS

ANODES

GS ELECTRODES
 . **ANODES**
 . . CELL ANODES
 . . TUBE ANODES
 RT ACCUMULATORS
 ANIONS
 CATHODES

ANODIC COATINGS

GS COATINGS
 . INORGANIC COATINGS
 . . **ANODIC COATINGS**
 . . PROTECTIVE COATINGS
 . . **ANODIC COATINGS**
 RT ANODIZING
 CATHODIC COATINGS

ANODIC COATINGS-(CONT.)

OXIDES

ANODIC STRIPPING

RT CLADDING
 COATING
 DELAMINATING
 METAL COATINGS
 PLATING
 REMOVAL
 . . STRIPPING

ANODIZING

GS COATING
 . **ANODIZING**
 DEPOSITION
 . **ANODIZING**
 RT ANODIC COATINGS
 PASSIVITY
 PROTECTIVE COATINGS

ANOLYTES

GS CONDUCTORS
 . ELECTROLYTES
 . . **ANOLYTES**
 RT CATHOLYTES
 CELL ANODES

ANOMALIES

GS **ANOMALIES**
 . GRAVITY ANOMALIES
 . MAGNETIC ANOMALIES
 . . GEOMAGNETIC HOLLOW

ANOMALOUS TEMPERATURE ZONES

RT GEYSERS
 TEMPERATURE MEASUREMENT
 TEMPERATURE MEASURING
 INSTRUMENTS
 TEMPERATURE SCALES
 TEMPERATURE SENSORS

ANORTHOSITE

GS ROCKS
 . IGNEOUS ROCKS
 . . **ANORTHOSITE**
 RT FELDSPARS
 SOILS

ANOXIA

RT ANGINA PECTORIS
 ASPHYXIA
 HYPOXIA
 STRESS (PHYSIOLOGY)

ANS

USE ASTRONOMICAL NETHERLANDS
 SATELLITE

ANTARCTIC ENVIRONMENT

USE ICE ENVIRONMENTS

ANTARCTIC REGIONS

UF ANTARCTICA
 GS REGIONS
 . POLAR REGIONS
 . . **ANTARCTIC REGIONS**
 . . . MCMURDO SOUND
 . . . ROSS ICE SHELF
 . REMOTE REGIONS
 . . **ANTARCTIC REGIONS**
 SOUTHERN HEMISPHERE
 . **ANTARCTIC REGIONS**
 . . MCMURDO SOUND
 . . ROSS ICE SHELF
 RT CLIMATOLOGY
 CONTINENTS
 LAND ICE
 POLAR CAPS

ANTARCTICA

USE ANTARCTIC REGIONS

ANTARES ROCKET VEHICLE

GS ROCKET VEHICLES
 . MULTISTAGE ROCKET VEHICLES
 . . **ANTARES ROCKET VEHICLE**
 . . SOUNDING ROCKETS
 . . **ANTARES ROCKET VEHICLE**
 RT ATMOSPHERIC IONIZATION
 SOLID PROPELLANT ROCKET ENGINES
 X-254 ENGINE

ANTELOPE MISSILE

ANTELOPE MISSILE

GS MISSILES
 . ANTELOPE MISSILE

ANTENNA ARRAYS

GS ARRAYS
 . ANTENNA ARRAYS
 . . LINEAR ARRAYS
 . . . ENDFIRE ARRAYS
 YAGI ANTENNAS
 . . STEERABLE ANTENNAS
 . . . INERTIALESS STEERABLE ANTENNAS
 . . TURNSTILE ANTENNAS
 RT ANTENNAS
 COBRA DANE (RADAR)
 DIPOLE ANTENNAS
 DIRECTIONAL ANTENNAS
 LOG PERIODIC ANTENNAS
 MICROWAVE ANTENNAS
 PHASED ARRAYS
 RETROREFLECTION
 SPACE BASED RADAR

ANTENNA COMPONENTS

GS ANTENNA COMPONENTS
 . ANTENNA COUPLERS
 . ANTENNA FEEDS
 RT COMMUNICATION EQUIPMENT
 ∞ COMPONENTS
 COUPLERS
 ELECTRONIC EQUIPMENT

ANTENNA COUPLERS

GS ANTENNA COMPONENTS
 . ANTENNA COUPLERS
 COUPLERS
 . ANTENNA COUPLERS
 . . COUPLING CIRCUITS
 . . DIPLEXERS
 RT ANTENNAS
 COUPLES
 COUPLING
 ENERGY TRANSFER
 IMPEDANCE MATCHING
 MICROWAVE COUPLING
 TRANSMISSION LINES

ANTENNA DESIGN

RT ANTENNAS
 BACKLOBES
 CASSEGRAIN ANTENNAS
 DELTA ANTENNAS
 ∞ DESIGN
 DIPOLE ANTENNAS
 GRAVITATIONAL WAVE ANTENNAS
 HELICAL ANTENNAS
 HORN ANTENNAS
 LENS ANTENNAS
 ∞ LOBES
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SATURN LAUNCH VEHICLES
SATURN WORKSHOPS
SATURN 1 WORKSHOP
SATURN 5 WORKSHOP
SIM
SITE DATA PROCESSORS
SKYLAB PROGRAM
SOFT LANDING SPACECRAFT

APOLLO SHORT STACK

RT SPACECRAFT CONFIGURATIONS

APOLLO SOYUZ TEST PROJECT

UF ASTP
GS PROGRAMS
. PROJECTS
. . APOLLO SOYUZ TEST PROJECT
RT INTERNATIONAL COOPERATION
INTERNATIONAL RELATIONS
MANNED SPACECRAFT
RENDEZVOUS
SOYUZ SPACECRAFT
SPACE FLIGHT
SPACE MISSIONS
SPACE PROGRAMS
SPACE RENDEZVOUS
SPACECREW TRANSFER
U.S.S.R. SPACE PROGRAM

APOLLO SPACECRAFT

GS LUNAR SPACECRAFT
. APOLLO SPACECRAFT
MANEUVERABLE SPACECRAFT
. APOLLO SPACECRAFT
. . APOLLO LUNAR EXPERIMENT
MODULE
MANNED SPACECRAFT
. APOLLO SPACECRAFT
. . APOLLO LUNAR EXPERIMENT
MODULE
REENTRY VEHICLES
. RECOVERABLE SPACECRAFT
. . APOLLO SPACECRAFT
. . . APOLLO LUNAR EXPERIMENT
MODULE
SOFT LANDING SPACECRAFT
. APOLLO SPACECRAFT
. . APOLLO LUNAR EXPERIMENT
MODULE
RT COMMAND MODULES

APOLLO TELESCOPE MOUNT

APOLLO SPACECRAFT-(CONT.)

LANDING MODULES
LUNAR MODULE
LUNAR MODULE 5
LUNAR MODULE 7
MANNED ORBITAL LABORATORIES
MANNED ORBITAL RESEARCH
LABORATORIES
SATURN PROJECT
SERVICE MODULES
SKYLAB PROGRAM
UNIFIED S BAND

APOLLO TELESCOPE MOUNT

GS SPACECRAFT CONFIGURATIONS
. APOLLO TELESCOPE MOUNT
TELESCOPES
RT . APOLLO TELESCOPE MOUNT
SKYLAB PROGRAM

APOLLO 5 FLIGHT

GS SPACE FLIGHT
. APOLLO FLIGHTS
. . APOLLO 5 FLIGHT
RT EARTH-MOON TRAJECTORIES
LUNAR EXPLORATION
LUNAR EXPLORATION SYSTEM FOR
APOLLO
LUNAR FLIGHT
LUNAR LANDING
LUNAR LAUNCH
LUNAR MODULE
LUNAR SPACECRAFT
MOON-EARTH TRAJECTORIES

APOLLO 6 FLIGHT

GS SPACE FLIGHT
. APOLLO FLIGHTS
. . APOLLO 6 FLIGHT
. MANNED SPACE FLIGHT
. . APOLLO 6 FLIGHT
RT EARTH-MOON TRAJECTORIES
LUNAR EXPLORATION
LUNAR EXPLORATION SYSTEM FOR
APOLLO
LUNAR FLIGHT
LUNAR LANDING
LUNAR LAUNCH
LUNAR MODULE
LUNAR SPACECRAFT
MOON-EARTH TRAJECTORIES

APOLLO 7 FLIGHT

GS SPACE FLIGHT
. APOLLO FLIGHTS
. . APOLLO 7 FLIGHT
. MANNED SPACE FLIGHT
. . APOLLO 7 FLIGHT
RT EARTH-MOON TRAJECTORIES
LUNAR EXPLORATION
LUNAR EXPLORATION SYSTEM FOR
APOLLO
LUNAR FLIGHT
LUNAR LANDING
LUNAR LAUNCH
LUNAR MODULE
MANNED SPACECRAFT
MOON-EARTH TRAJECTORIES

APOLLO 8 FLIGHT

GS SPACE FLIGHT
. APOLLO FLIGHTS
. . APOLLO 8 FLIGHT
. MANNED SPACE FLIGHT
. . APOLLO 8 FLIGHT
RT EARTH-MOON TRAJECTORIES
LUNAR EXPLORATION
LUNAR EXPLORATION SYSTEM FOR
APOLLO
LUNAR FLIGHT
LUNAR LANDING
LUNAR LAUNCH
LUNAR MODULE
MANNED SPACECRAFT
MOON-EARTH TRAJECTORIES

APOLLO 9 FLIGHT

GS SPACE FLIGHT
. APOLLO FLIGHTS
. . APOLLO 9 FLIGHT
. MANNED SPACE FLIGHT
. . APOLLO 9 FLIGHT
RT EARTH-MOON TRAJECTORIES
LUNAR EXPLORATION

APOLLO 9 FLIGHT-(CONT.)

LUNAR EXPLORATION SYSTEM FOR
APOLLO
LUNAR FLIGHT
LUNAR LANDING
LUNAR LAUNCH
LUNAR MODULE

APOLLO 10 FLIGHT

GS SPACE FLIGHT
. APOLLO FLIGHTS
. . APOLLO 10 FLIGHT
. MANNED SPACE FLIGHT
. . APOLLO 10 FLIGHT
RT EARTH-MOON TRAJECTORIES
LUNAR EXPLORATION
LUNAR EXPLORATION SYSTEM FOR
APOLLO
LUNAR FLIGHT
LUNAR LANDING
LUNAR LAUNCH
LUNAR MODULE
MANNED SPACECRAFT
MOON-EARTH TRAJECTORIES

APOLLO 11 FLIGHT

GS SPACE FLIGHT
. APOLLO FLIGHTS
. . APOLLO 11 FLIGHT
. MANNED SPACE FLIGHT
. . APOLLO 11 FLIGHT
RT EARTH-MOON TRAJECTORIES
LUNAR EXPLORATION
LUNAR EXPLORATION SYSTEM FOR
APOLLO
LUNAR FLIGHT
LUNAR LANDING
LUNAR LAUNCH
LUNAR MODULE
MANNED SPACECRAFT
MOON-EARTH TRAJECTORIES

APOLLO 12 FLIGHT

GS SPACE FLIGHT
. APOLLO FLIGHTS
. . APOLLO 12 FLIGHT
. MANNED SPACE FLIGHT
. . APOLLO 12 FLIGHT
RT EARTH-MOON TRAJECTORIES
LUNAR EXPLORATION
LUNAR EXPLORATION SYSTEM FOR
APOLLO
LUNAR FLIGHT
LUNAR LANDING
LUNAR LAUNCH
LUNAR MODULE
MANNED SPACECRAFT
MOON-EARTH TRAJECTORIES

APOLLO 13 FLIGHT

GS SPACE FLIGHT
. APOLLO FLIGHTS
. . APOLLO 13 FLIGHT
. MANNED SPACE FLIGHT
. . APOLLO 13 FLIGHT
RT EARTH-MOON TRAJECTORIES
LUNAR EXPLORATION
LUNAR EXPLORATION SYSTEM FOR
APOLLO
LUNAR FLIGHT
LUNAR LANDING
LUNAR LAUNCH
LUNAR MODULE
MANNED SPACECRAFT
MOON-EARTH TRAJECTORIES

APOLLO 14 FLIGHT

GS SPACE FLIGHT
. APOLLO FLIGHTS
. . APOLLO 14 FLIGHT
. MANNED SPACE FLIGHT
. . APOLLO 14 FLIGHT
RT EARTH-MOON TRAJECTORIES
LUNAR EXPLORATION
LUNAR EXPLORATION SYSTEM FOR
APOLLO
LUNAR FLIGHT
LUNAR LANDING
LUNAR LAUNCH
LUNAR MODULE
MANNED SPACECRAFT
MOON-EARTH TRAJECTORIES

APOLLO 15 FLIGHT

GS SPACE FLIGHT

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APOLLO 15 FLIGHT-(CONT.)

. APOLLO FLIGHTS
. . APOLLO 15 FLIGHT
. MANNED SPACE FLIGHT
. . APOLLO 15 FLIGHT
RT EARTH-MOON TRAJECTORIES
LUNAR EXPLORATION
LUNAR EXPLORATION SYSTEM FOR
APOLLO
LUNAR FLIGHT
LUNAR LANDING
LUNAR LAUNCH
LUNAR MODULE
MANNED SPACECRAFT
MOON-EARTH TRAJECTORIES
SIM

APOLLO 16 FLIGHT

GS SPACE FLIGHT
. APOLLO FLIGHTS
. . APOLLO 16 FLIGHT
. MANNED SPACE FLIGHT
. . APOLLO 16 FLIGHT
RT EARTH-MOON TRAJECTORIES
LUNAR EXPLORATION
LUNAR EXPLORATION SYSTEM FOR
APOLLO
LUNAR FLIGHT
LUNAR LANDING
LUNAR LAUNCH
LUNAR MODULE
MANNED SPACECRAFT
MOON-EARTH TRAJECTORIES

APOLLO 17 FLIGHT

GS SPACE FLIGHT
. APOLLO FLIGHTS
. . APOLLO 17 FLIGHT
. MANNED SPACE FLIGHT
. . APOLLO 17 FLIGHT
RT EARTH-MOON TRAJECTORIES
LUNAR EXPLORATION
LUNAR EXPLORATION SYSTEM FOR
APOLLO
LUNAR FLIGHT
LUNAR LANDING
LUNAR LAUNCH
LUNAR MODULE
MANNED SPACECRAFT
MOON-EARTH TRAJECTORIES

APPALACHIAN MOUNTAINS (NORTH AMERICA)

GS LANDFORMS
. MOUNTAINS
. . APPALACHIAN MOUNTAINS (NORTH
AMERICA)
RT NORTH AMERICA

APPARATUS

USE EQUIPMENT

APPEARANCE

RT IMAGERY
QUALITY
VISIBILITY

APPENDAGES

GS APPENDAGES
. ARM (ANATOMY)
. ELBOW (ANATOMY)
. FOREARM
. HAND (ANATOMY)
. LEG (ANATOMY)
. KNEE (ANATOMY)
RT ANATOMY
HUMAN BODY
LIMBS (ANATOMY)

APPENDIX (ANATOMY)

GS DIGESTIVE SYSTEM
. APPENDIX (ANATOMY)
VISCERA
. APPENDIX (ANATOMY)
RT INTESTINES

APPLICATION

USE UTILIZATION

APPLICATIONS EXPLORER SATELLITES

GS SATELLITES
. ARTIFICIAL SATELLITES
. EXPLORER SATELLITES
. . APPLICATIONS EXPLORER
SATELLITES

APPLICATIONS EXPLORER SATELLITES-(CONT.)

. EARTH SATELLITES
 . . EXPLORER SATELLITES
 . . . APPLICATIONS EXPLORER
 SATELLITES

RT HEAT CAPACITY MAPPING MISSION

∞ APPLICATIONS OF MATHEMATICS

SN *(USE OF A MORE SPECIFIC TERM IS
 RECOMMENDED-CONSULT THE TERMS
 LISTED BELOW)*

UF MATHEMATICAL ANALYSIS
 RT ANALYSIS (MATHEMATICS)
 APPROXIMATION
 COMBINATORIAL ANALYSIS
 COMPUTATION
 DIMENSIONAL ANALYSIS
 DYNAMIC PROGRAMMING
 ECONOMETRICS
 ERROR ANALYSIS
 FINITE ELEMENT METHOD
 FUNCTIONS (MATHEMATICS)
 INFORMATION THEORY
 KALMAN-SCHMIDT FILTERING
 LINEAR PROGRAMMING
 MATHEMATICAL MODELS
 NONLINEAR PROGRAMMING
 NUMERICAL ANALYSIS
 OPERATIONAL CALCULUS
 OPERATIONS RESEARCH
 OPTIMIZATION
 PARAMETERIZATION
 PROBABILITY THEORY
 STATISTICAL ANALYSIS
 STOCHASTIC PROCESSES
 TIME SERIES ANALYSIS

APPLICATIONS PROGRAMS (COMPUTERS)

RT . COMPUTER PROGRAMS
 COMPUTERS

APPLICATIONS TECHNOLOGY SATELLITES

USE ATS

APPROACH

GS **APPROACH**
 . AIRBORNE RADAR APPROACH
 . DELAYED FLAP APPROACH
 . INSTRUMENT APPROACH
 RT AIR TRAFFIC CONTROL
 AIRCRAFT APPROACH SPACING
 ARRIVALS
 DESCENT
 FLIGHT PATHS
 FLIGHT PLANS
 GROUND BASED CONTROL
 GUIDANCE (MOTION)
 LANDING
 LANDING AIDS
 PASSAGEWAYS
 TOUCHDOWN

APPROACH AND LANDING TESTS (STS)

RT EVALUATION
 HORIZONTAL SPACECRAFT LANDING
 LANDING
 MANNED SPACECRAFT
 PROVING
 SPACE SHUTTLES
 SPACE TRANSPORTATION SYSTEM
 SPACECRAFT LANDING
 ∞ TESTS
 TOUCHDOWN

APPROACH CONTROL

GS **APPROACH CONTROL**
 . RADAR APPROACH CONTROL
 RT AIR TRAFFIC CONTROL
 AIRCRAFT APPROACH SPACING
 AIRCRAFT COMMUNICATION
 AIRCRAFT GUIDANCE
 AIRCRAFT MANEUVERS
 AUTOMATED EN ROUTE ATC
 COLLISION AVOIDANCE
 FLIGHT PATHS
 GLIDE PATHS
 GROUND BASED CONTROL
 INSTRUMENT APPROACH
 INSTRUMENT FLIGHT RULES
 INSTRUMENT LANDING SYSTEMS
 LANDING AIDS
 LANDING RADAR
 MICROWAVE LANDING SYSTEMS
 NIGHT FLIGHTS (AIRCRAFT)
 RUNWAY LIGHTS

APPROACH CONTROL-(CONT.)

TRACKING (POSITION)
 TRAFFIC CONTROL
 VISUAL CONTROL

APPROACH INDICATORS

GS AIRCRAFT INSTRUMENTS
 . **APPROACH INDICATORS**
 DISPLAY DEVICES
 . **APPROACH INDICATORS**
 FLIGHT INSTRUMENTS
 . **APPROACH INDICATORS**
 LANDING AIDS
 . LANDING INSTRUMENTS
 . . **APPROACH INDICATORS**
 MEASURING INSTRUMENTS
 . INDICATING INSTRUMENTS
 . . **APPROACH INDICATORS**
 RT AIR TRAFFIC CONTROL
 ALTIMETERS
 BLIND LANDING
 GLIDE PATHS
 INSTRUMENT APPROACH
 INSTRUMENT LANDING SYSTEMS
 MICROWAVE SCANNING BEAM LANDING
 SYSTEM
 NAVIGATION AIDS
 RADAR APPROACH CONTROL
 SOLAR COMPASSES
 SPEED INDICATORS

APPROPRIATIONS

RT BUDGETING
 COST ESTIMATES
 FEDERAL BUDGETS
 GRANTS

APPROXIMATION

UF APPROXIMATION METHODS
 NOMINAL VALUES
 TRUNCATION (MATHEMATICS)
 GS ANALYSIS (MATHEMATICS)
 . NUMERICAL ANALYSIS
 . . **APPROXIMATION**
 . . . BORN APPROXIMATION
 . . . BORN-OPPENHEIMER
 APPROXIMATION
 . . . CHEBYSHEV APPROXIMATION
 . . . EDDINGTON APPROXIMATION
 . . . FINITE DIFFERENCE THEORY
 . . . FINITE ELEMENT METHOD
 . . . HARTREE APPROXIMATION
 . . . LEAST SQUARES METHOD
 . . . MEAN SQUARE VALUES
 . . . MILNE METHOD
 . . . NEWTON-RAPHSON METHOD
 . . . NUMERICAL DIFFERENTIATION
 . . . OSEEN APPROXIMATION
 . . . PADE APPROXIMATION
 . . . PARTICLE IN CELL TECHNIQUE
 . . . POHLHAUSEN METHOD
 . . . RAYLEIGH-RITZ METHOD
 . . . RELAXATION METHOD
 (MATHEMATICS)
 . . . RITZ AVERAGING METHOD
 . . . SOMMERFELD APPROXIMATION
 RT ∞ APPLICATIONS OF MATHEMATICS
 CENSORED DATA (MATHEMATICS)
 DIFFERENCE EQUATIONS
 ∞ EQUATIONS
 FORM FACTORS
 GLAUBER THEORY
 ∞ METHODOLOGY
 MINIMAX TECHNIQUE
 NUMERICAL STABILITY
 PROBLEM SOLVING
 ∞ RELATIONSHIPS
 SPLINE FUNCTIONS
 STATISTICAL ANALYSIS

APPROXIMATION METHODS

USE APPROXIMATION

APSIDAL ANGLES

USE APSIDES

APSIDES

UF APSIDAL ANGLES
 GS **APSIDES**
 . APHELIONS
 . APOGEES
 . PERIGEEES
 . PERIHELIONS
 . PERILUNES
 RT ANGLES (GEOMETRY)

APSIDES-(CONT.)

ANTIPODES
 ELLIPTICAL ORBITS
 ORBITAL MECHANICS

APT (PICTURE TRANSMISSION)

USE AUTOMATIC PICTURE TRANSMISSION

APTITUDE

RT LEARNING
 PERSONNEL SELECTION

AQUARID METEOROIDS

GS CELESTIAL BODIES
 . METEOROID SHOWERS
 . . **AQUARID METEOROIDS**
 . METEOROIDS
 . . **AQUARID METEOROIDS**
 RT ORIONID METEOROIDS

AQUATIC PLANTS

GS PLANTS (BOTANY)
 . **AQUATIC PLANTS**
 RT AQUICULTURE
 HYDROPONICS
 MARINE BIOLOGY

AQUEOUS SOLUTIONS

GS MIXTURES
 . SOLUTIONS
 . . **AQUEOUS SOLUTIONS**
 RT HYDRATES
 SOLVATION

AQUICULTURE

RT AQUATIC PLANTS
 FISHERIES
 FISHES
 HYDROPONICS
 MARINE BIOLOGY
 MARINE ENVIRONMENTS
 MARINE RESOURCES
 MARINE TECHNOLOGY
 ∞ NUTRIENTS
 TIDAL FLATS

AQUIFERS

GS RESOURCES
 . **AQUIFERS**
 RT FRESH WATER
 GRAVELS
 GROUND WATER
 HYDROGEOLOGY
 HYDROLOGY
 HYDROTHERMAL SYSTEMS
 LAKES
 LIMNOLOGY
 OASES
 PERMEABILITY
 PONDS
 POROSITY
 RAIN
 SANDS
 SPRINGS (WATER)
 STREAMS
 WATER
 WATER TABLES
 WELLS

ARABIAN COMMERCIAL SATELLITE

USE ARCOMSAT

ARABIAN SEA

GS SEAS
 . **ARABIAN SEA**
 RT INDIAN OCEAN

ARAGONITE

GS CALCIUM COMPOUNDS
 . CALCIUM CARBONATES
 . . **ARAGONITE**
 CARBON COMPOUNDS
 . CARBONATES
 . . CALCIUM CARBONATES
 . . . **ARAGONITE**
 MINERALS
 . **ARAGONITE**
 SILICON COMPOUNDS
 . SILICATES
 . . **ARAGONITE**
 RT CALCITE

ARC CHAMBERS

ARC CHAMBERS
 RT ∞ CHAMBERS
 ELECTRIC ARCS
 PLASMA GENERATORS
 THRUST CHAMBERS

ARC DISCHARGES
 GS ELECTRIC CURRENT
 . ELECTRIC DISCHARGES
 . . . **ARC DISCHARGES**
 RT ELECTRIC ARCS

ARC GENERATORS
 RT ELECTRIC ARCS
 ELECTRIC GENERATORS
 ELECTROSTATIC GENERATORS
 ∞ GENERATORS
 ∞ INDUCTION
 INDUCTORS
 PLASMA GENERATORS
 SPARK GAPS
 SPARK PLUGS
 VOLTAGE GENERATORS

ARC HEATING
 UF GERDIEN ARC HEATERS
 GS HEATING
 . **ARC HEATING**
 RT GAS HEATING
 IMAGE FURNACES
 PLASMA HEATING
 RESISTANCE HEATING
 SAHA EQUATIONS

ARC JET ENGINES
 GS ENGINES
 . ROCKET ENGINES
 . . ELECTRIC ROCKET ENGINES
 . . . ELECTROTHERMAL ENGINES
 **ARC JET ENGINES**
 XT-761 ENGINE
 RT ELECTRIC PROPULSION
 ELECTROSTATIC ENGINES
 ION ENGINES
 PLASMA ENGINES
 RESISTOJET ENGINES

ARC LAMPS
 GS LIGHTING EQUIPMENT
 LUMINAIRES
 . **ARC LAMPS**
 RT CARBON ARCS
 LIGHT SOURCES
 MERCURY ARCS
 SEARCHLIGHTS
 XENON LAMPS

ARC MELTING
 GS PHASE TRANSFORMATIONS
 . **ARC MELTING**
 RT DROP TRANSFER
 ELECTROSLAG REFINING
 VACUUM MELTING
 ZONE MELTING

ARC SPRAYING
 UF PLASMA ARC SPRAYING
 GS SPRAYING
 . **ARC SPRAYING**
 RT METAL SPRAYING

ARC WELDING
 GS WELDING
 ELECTRIC WELDING
 . **ARC WELDING**
 . . GAS TUNGSTEN ARC WELDING
 . . . PLASMA ARC WELDING
 RT ELECTRON BEAM WELDING
 PRESSURE WELDING
 SPOT WELDS
 SPUTTERING

ARCAS ROCKET VEHICLES
 GS ROCKET VEHICLES
 . SINGLE STAGE ROCKET VEHICLES
 . . **ARCAS ROCKET VEHICLES**
 . . . SOUNDING ROCKETS
 . . . **ARCAS ROCKET VEHICLES**
 RT RADIOSONDES
 SOLID PROPELLANT ROCKET ENGINES

ARCHAEOLOGY
 RT ANTHROPOLOGY
 CULTURAL RESOURCES

ARCHAEOLOGY-(CONT.)

FOSSILS
 PALEOMAGNETISM

ARCHER SOUNDING ROCKET
 GS ROCKET VEHICLES
 . SINGLE STAGE ROCKET VEHICLES
 . . **ARCHER SOUNDING ROCKET**
 . . . SOUNDING ROCKETS
 . . . **ARCHER SOUNDING ROCKET**
 RT SOLID PROPELLANT ROCKET ENGINES

ARCHES
 RT PERFORATED SHELLS
 RIGID STRUCTURES
 SHELLS (STRUCTURAL FORMS)
 TRUSSES

ARCHIPELAGOES
 RT ALEUTIAN ISLANDS (US)
 ISLANDS
 LANDFORMS
 SEAS
 SPITSBERGEN (NORWAY)
 VIRGIN ISLANDS

ARCHITECTURE
 RT ACOUSTICS
 ∞ BUILDINGS
 CONSTRUCTION
 ∞ CONSTRUCTION MATERIALS
 HUMAN FACTORS ENGINEERING
 ILLUMINATING
 PLANT DESIGN
 STARSITE PROGRAM
 STRUCTURAL DESIGN
 ∞ STRUCTURES

ARCHITECTURE (COMPUTERS)
 RT COMPUTER DESIGN
 LOGIC CIRCUITS
 LOGIC DESIGN

ARCOMSAT
 UF ARABIAN COMMERCIAL SATELLITE
 GS SATELLITES
 . ARTIFICIAL SATELLITES
 . . COMMUNICATION SATELLITES
 . . . **ARCOMSAT**
 . . . EARTH SATELLITES
 . . . COMMUNICATION SATELLITES
 . . . **ARCOMSAT**
 RT AFRICA
 INTERNATIONAL COOPERATION
 SYMPHONIE SATELLITES
 SYNCHRONOUS SATELLITES

ARCON ROCKET VEHICLE
 GS ROCKET VEHICLES
 . **ARCON ROCKET VEHICLE**
 RT ∞ VEHICLES

ARCS
 SN *(USE OF A MORE SPECIFIC TERM IS
 RECOMMENDED--CONSULT THE TERMS
 LISTED BELOW)*
 RT AUROREAL ARCS
 CURVES (GEOMETRY)
 ELECTRIC ARCS
 ISLAND ARCS
 MAGNETIC ANNULAR ARC
 PLASMA JETS
 RED ARCS

ARCTIC ENVIRONMENTS
 USE ICE ENVIRONMENTS

ARCTIC OCEAN
 GS OCEANS
 . **ARCTIC OCEAN**
 RT BARENTS SEA
 BEAUFORT SEA (NORTH AMERICA)
 GREENLAND
 SPITSBERGEN (NORWAY)

ARCTIC REGIONS
 GS NORTHERN HEMISPHERE
 . **ARCTIC REGIONS**
 REGIONS
 . POLAR REGIONS
 . . **ARCTIC REGIONS**
 . . . REMOTE REGIONS
 . . . **ARCTIC REGIONS**

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ARCTIC REGIONS-(CONT.)

RT CHUCKCHI SEA
 CLIMATOLOGY
 GEOGRAPHY
 MUSKEGS
 NUNATAKS
 POLAR CAPS
 SIBERIA
 SUBARCTIC REGIONS
 TUNDRA

AREA
 RT ∞ CROSS SECTIONS
 GEOMETRY
 INTEGRAL CALCULUS
 LINE OF SIGHT
 ∞ SECTORS
 ∞ SURFACES
 VOLUME

AREA NAVIGATION
 GS NAVIGATION
 . AIR NAVIGATION
 . . **AREA NAVIGATION**
 RT FLIGHT PATHS
 GROUND TRACKS

ARECOLINE HYDROBROMIDE
 GS HALOGEN COMPOUNDS
 . BROMINE COMPOUNDS
 . . BROMIDES
 . . . **ARECOLINE HYDROBROMIDE**
 . . . HALIDES
 . . . BROMIDES
 . . . **ARECOLINE HYDROBROMIDE**
 . . . HETEROCYCLIC COMPOUNDS
 . . . ALKALOIDS
 . . . **ARECOLINE HYDROBROMIDE**
 . . . NITROGEN COMPOUNDS
 . . . ALKALOIDS
 . . . **ARECOLINE HYDROBROMIDE**

AREND-ROLAND COMET
 GS CELESTIAL BODIES
 . COMETS
 . . **AREND-ROLAND COMET**

ARES (SPACECRAFT)
 USE ADVANCED RECONN ELECTRIC
 SPACECRAFT

ARETS
 USE ARIZONA REGIONAL ECOLOGICAL TEST
 SITE

ARGENTINA
 RT NATIONS
 SOUTH AMERICA

ARGO D-4 ROCKET VEHICLE
 GS ROCKET VEHICLES
 . MULTISTAGE ROCKET VEHICLES
 . . ARGO ROCKET VEHICLES
 . . . **ARGO D-4 ROCKET VEHICLE**
 RT HONEST JOHN ROCKET VEHICLE
 JAVELIN ROCKET VEHICLE
 NIKE-AJAX MISSILE
 SOLID PROPELLANT ROCKET ENGINES
 SOUNDING ROCKETS

ARGO D-8 ROCKET VEHICLE
 GS ROCKET VEHICLES
 . MULTISTAGE ROCKET VEHICLES
 . . ARGO ROCKET VEHICLES
 . . . **ARGO D-8 ROCKET VEHICLE**
 RT JOURNEYMAN ROCKET VEHICLE
 SERGEANT MISSILES
 SOLID PROPELLANT ROCKET ENGINES

ARGO E-5 ROCKET VEHICLE
 GS ROCKET VEHICLES
 . MULTISTAGE ROCKET VEHICLES
 . . ARGO ROCKET VEHICLES
 . . . **ARGO E-5 ROCKET VEHICLE**
 RT HONEST JOHN ROCKET VEHICLE
 JASON ROCKET VEHICLE
 NIKE-AJAX MISSILE
 SOLID PROPELLANT ROCKET ENGINES

ARGO ROCKET VEHICLES
 GS ROCKET VEHICLES
 . MULTISTAGE ROCKET VEHICLES
 . . **ARGO ROCKET VEHICLES**
 . . . ARGO D-4 ROCKET VEHICLE

ARGO ROCKET VEHICLES-(CONT.)

... ARGO D-8 ROCKET VEHICLE
 ... ARGO E-5 ROCKET VEHICLE
 RT SOLID PROPELLANT ROCKET ENGINES

ARGON

GS CHEMICAL ELEMENTS
 . RARE GASES
 . . **ARGON**
 . . . ARGON ISOTOPES
 GASES
 . RARE GASES
 . . **ARGON**
 . . . ARGON ISOTOPES
 RT RADIATION TRAPPING

ARGON ISOTOPES

GS CHEMICAL ELEMENTS
 . NUCLEIDES
 . ISOTOPES
 . . **ARGON ISOTOPES**
 . RARE GASES
 . . ARGON
 . . . **ARGON ISOTOPES**
 GASES
 . RARE GASES
 . . ARGON
 . . . **ARGON ISOTOPES**

ARGON LASERS

GS STIMULATED EMISSION DEVICES
 . **ARGON LASERS**
 RT CHEMICAL LASERS
 CONTINUOUS WAVE LASERS
 GAS MASERS
 INFRARED LASERS
 MACH-ZEHNDER INTERFEROMETERS
 MOLECULAR OSCILLATIONS
 PULSED LASERS
 Q SWITCHED LASERS
 STIMULATED EMISSION

ARGON PLASMA

GS GASES
 . IONIZED GASES
 . . CHARGED PARTICLES
 . . . **ARGON PLASMA**
 PARTICLES
 . CHARGED PARTICLES
 . . ENERGETIC PARTICLES
 . . . PLASMAS (PHYSICS)
 . . . **ARGON PLASMA**
 RT HELIUM PLASMA
 HYDROGEN PLASMA
 OXYGEN PLASMA

ARGON-OXYGEN ATMOSPHERES

GS CONTROLLED ATMOSPHERES
 . **ARGON-OXYGEN ATMOSPHERES**
 RT AEROSPACE ENVIRONMENTS
 ∞ ATMOSPHERES
 ∞ BREATHING
 GAS MIXTURES
 PORTABLE LIFE SUPPORT SYSTEMS
 UNDERWATER BREATHING APPARATUS

ARGOSY MK-1 AIRCRAFT

GS HAWKER SIDDELEY AIRCRAFT
 . **ARGOSY MK-1 AIRCRAFT**
 JET AIRCRAFT
 . TURBOPROP AIRCRAFT
 . . **ARGOSY MK-1 AIRCRAFT**
 MONOPLANES
 . **ARGOSY MK-1 AIRCRAFT**
 TRANSPORT AIRCRAFT
 . **ARGOSY MK-1 AIRCRAFT**

ARGUMENTS (MATHEMATICS)

USE INDEPENDENT VARIABLES

ARGUS PROJECT

GS PROGRAMS
 . PROJECTS
 . . **ARGUS PROJECT**
 RT THERMONUCLEAR EXPLOSIONS

ARIANE LAUNCH VEHICLE

GS LAUNCH VEHICLES
 . **ARIANE LAUNCH VEHICLE**
 ROCKET VEHICLES
 . MULTISTAGE ROCKET VEHICLES
 . **ARIANE LAUNCH VEHICLE**
 ELDO LAUNCH VEHICLE
 EUROPA LAUNCH VEHICLES

ARIANE LAUNCH VEHICLE-(CONT.)

EUROPEAN SPACE AGENCY
 EUROPEAN SPACE PROGRAMS
 GEOSARI PROJECT

ARID LANDS

GS LAND
 . **ARID LANDS**
 RT BARREN LAND
 DEATH VALLEY (CA)
 DESERTLINE
 DESERTS
 DROUGHT
 EARTH ENVIRONMENT
 EARTH RESOURCES
 EQUATORIAL REGIONS
 GOBI DESERT
 MOJAVE DESERT (CA)
 OASES
 SAHARA DESERT (AFRICA)
 STEPPES
 WADIS

ARIEL SATELLITES

GS SATELLITES
 . ARTIFICIAL SATELLITES
 . . **ARIEL SATELLITES**
 . . . ARIEL 1 SATELLITE
 . . . ARIEL 2 SATELLITE
 . . . ARIEL 3 SATELLITE
 . . . ARIEL 4 SATELLITE
 . . . ARIEL 5 SATELLITE
 . EARTH SATELLITES
 . . **ARIEL SATELLITES**
 . . . ARIEL 1 SATELLITE
 . . . ARIEL 2 SATELLITE
 . . . ARIEL 3 SATELLITE
 . . . ARIEL 4 SATELLITE
 . . . ARIEL 5 SATELLITE
 RT GEOPHYSICAL SATELLITES
 THOR DELTA LAUNCH VEHICLE

ARIEL 1 SATELLITE

UF S-51 SATELLITE
 GS SATELLITES
 . ARTIFICIAL SATELLITES
 . . ARIEL SATELLITES
 . . . **ARIEL 1 SATELLITE**
 . EARTH SATELLITES
 . . ARIEL SATELLITES
 . . . **ARIEL 1 SATELLITE**

ARIEL 2 SATELLITE

UF S-52 SATELLITE
 GS SATELLITES
 . ARTIFICIAL SATELLITES
 . . ARIEL SATELLITES
 . . . **ARIEL 2 SATELLITE**
 . EARTH SATELLITES
 . . ARIEL SATELLITES
 . . . **ARIEL 2 SATELLITE**

ARIEL 3 SATELLITE

GS SATELLITES
 . ARTIFICIAL SATELLITES
 . . ARIEL SATELLITES
 . . . **ARIEL 3 SATELLITE**
 . EARTH SATELLITES
 . . ARIEL SATELLITES
 . . . **ARIEL 3 SATELLITE**

ARIEL 4 SATELLITE

GS SATELLITES
 . ARTIFICIAL SATELLITES
 . . ARIEL SATELLITES
 . . . **ARIEL 4 SATELLITE**
 . UK SATELLITES
 . . **ARIEL 4 SATELLITE**
 . EARTH SATELLITES
 . . ARIEL SATELLITES
 . . . **ARIEL 4 SATELLITE**
 RT IONOSPHERIC ELECTRON DENSITY
 IONOSPHERIC SOUNDING

ARIEL 5 SATELLITE

GS SATELLITES
 . ARTIFICIAL SATELLITES
 . . ARIEL SATELLITES
 . . . **ARIEL 5 SATELLITE**
 . UK SATELLITES
 . . **ARIEL 5 SATELLITE**
 . EARTH SATELLITES
 . . ARIEL SATELLITES
 . . . **ARIEL 5 SATELLITE**

ARIES CONSTELLATION

GS CONSTELLATIONS
 . **ARIES CONSTELLATION**
 CELESTIAL BODIES
 CELESTIAL SPHERE
 STARS

ARIETID METEORIODS

GS CELESTIAL BODIES
 . METEOROID SHOWERS
 . . **ARIETID METEORIODS**
 . METEORIODS
 . . **ARIETID METEORIODS**

ARIP (IMPACT PREDICTION)

USE COMPUTERIZED SIMULATION
 IMPACT PREDICTION

ARIS INSTRUMENTATION SHIP

USE ADVANCED RANGE INSTRUMENTATION
 SHIP

ARITHMETIC

GS NUMBER THEORY
 . **ARITHMETIC**
 . . DOUBLE PRECISION ARITHMETIC
 . . FIXED POINT ARITHMETIC
 . . FLOATING POINT ARITHMETIC
 RT ADDITION
 CALCULATORS
 COMPUTATION
 DIVIDING (MATHEMATICS)
 EXPONENTS
 INTEGERS
 MULTIPLICATION
 SUBTRACTION
 SUMS

ARITHMETIC AND LOGIC UNITS

UF ALU (COMPUTER COMPONENTS)
 GS CENTRAL PROCESSING UNITS
 . **ARITHMETIC AND LOGIC UNITS**
 RT COMPUTER COMPONENTS
 COMPUTERS
 DOUBLE PRECISION ARITHMETIC

ARIZONA

GS UNITED STATES OF AMERICA
 . **ARIZONA**
 RT ARIZONA REGIONAL ECOLOGICAL TEST
 SITE
 COLORADO PLATEAU (US)
 COLORADO RIVER (NORTH AMERICA)
 GRAND CANYON (AZ)
 PHOENIX (AZ)
 PHOENIX QUADRANGLE (AZ)

ARIZONA REGIONAL ECOLOGICAL TEST SITE

UF ARETS
 GS SITES
 . **ARIZONA REGIONAL ECOLOGICAL
 TEST SITE**
 RT ARIZONA
 ECOLOGY
 TEST FACILITIES

ARKANSAS

GS UNITED STATES OF AMERICA
 . **ARKANSAS**

ARM (ANATOMY)

GS ANATOMY
 . LIMBS (ANATOMY)
 . . **ARM (ANATOMY)**
 . . . ELBOW (ANATOMY)
 . . . FOREARM
 APPENDAGES
 . **ARM (ANATOMY)**
 . . ELBOW (ANATOMY)
 . . FOREARM
 RT HUMERUS
 SCAPULA
 ULNA
 WRIST

ARMATURES

RT COMMUTATORS
 ELECTRIC GENERATORS
 ELECTRIC MOTORS
 ELECTRIC RELAYS
 INDUCTION MOTORS
 ∞ ROTATING ELECTRICAL MACHINES
 ROTORS

ARMED FORCES

ARMED FORCES

- GS **ARMED FORCES**
 - . ARMED FORCES (FOREIGN)
 - . ARMED FORCES (UNITED STATES)
 - . NAVY
- RT GUERRILLAS
 - ∞ MILITARY AIRCRAFT
 - ∞ MILITARY AVIATION
 - . MILITARY SPACECRAFT
 - ∞ MILITARY VEHICLES
 - TANKS (COMBAT VEHICLES)

ARMED FORCES (FOREIGN)

- GS **ARMED FORCES**
 - . **ARMED FORCES (FOREIGN)**
- RT DISARMAMENT
 - ENEMY PERSONNEL
 - ∞ MILITARY AIRCRAFT
 - MILITARY TECHNOLOGY
 - ∞ MILITARY VEHICLES
 - WEAPONS

ARMED FORCES (UNITED STATES)

- GS **ARMED FORCES**
 - . **ARMED FORCES (UNITED STATES)**
- RT DEFENSE PROGRAM
 - DISARMAMENT
 - ∞ MILITARY AIRCRAFT
 - MILITARY TECHNOLOGY
 - ∞ MILITARY VEHICLES
 - WEAPONS
 - WEAPONS INDUSTRY

ARMOR

- RT HELMETS
 - METAL PLATES
 - ORDNANCE
 - PROTECTIVE CLOTHING
 - SHIELDING

ARMY-NAVY INSTRUMENTATION PROGRAM

- GS PROGRAMS
 - . **ARMY-NAVY INSTRUMENTATION PROGRAM**
- RT LOGISTICS
 - MILITARY TECHNOLOGY

AROD (RANGE-ORBIT DETERMINATION)

- USE AIRBORNE RANGE AND ORBIT DETERMINATION

∞ AROMATIC COMPOUNDS

- SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)*
- UF ARYL COMPOUNDS
- RT CHLOROAROMATICS
 - FURFURYL ALCOHOL
 - HYDROCARBONS
 - ORGANIC COMPOUNDS

AROOS METEORITE

- GS CELESTIAL BODIES
 - . METEORITES
 - . . . IRON METEORITES
 - . . . **AROOS METEORITE**

AROUSAL

- RT ALERTNESS
 - ELECTROENCEPHALOGRAPHY
- ∞ STIMULI

ARPA COMPUTER NETWORK

- GS COMPUTER NETWORKS
 - . **ARPA COMPUTER NETWORK**
- RT COMPUTER TECHNIQUES
 - ∞ NETWORKS
 - QUEUEING THEORY
 - SPACECRAFT COMMUNICATION
 - SWITCHING CIRCUITS
 - TELECOMMUNICATION

ARRAYS

- GS **ARRAYS**
 - . ANTENNA ARRAYS
 - . . LINEAR ARRAYS
 - . . . ENDFIRE ARRAYS
 - YAGI ANTENNAS
 - . . . STEERABLE ANTENNAS
 - . . . INERTIALESS STEERABLE ANTENNAS
 - . . . TURNSTILE ANTENNAS
 - . . . LARGE APERTURE SEISMIC ARRAY
 - . PHASED ARRAYS
 - . SOLAR ARRAYS

ARRAYS-(CONT.)

- . . . SOLAR BLANKETS
- . . . SYNTHETIC ARRAYS
- RT ANTENNAS
 - MATRICES (MATHEMATICS)
 - PHOTOMASKS
 - PUSHBROOM SENSOR MODES
 - RANKING
 - ∞ STATISTICS

∞ ARRESTERS

- SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)*
- RT ARRESTING GEAR
 - BLOCKING
 - BRAKES (FOR ARRESTING MOTION)
 - GAPS
 - LIGHTNING

ARRESTING GEAR

- GS LANDING AIDS
 - . **ARRESTING GEAR**
 - SAFETY DEVICES
 - . **ARRESTING GEAR**
- RT ABORT APPARATUS
 - AIRCRAFT CARRIERS
 - AIRCRAFT SAFETY
 - ANTISKID DEVICES
 - ∞ ARRESTERS
 - ∞ BARRIERS
 - BRAKES (FOR ARRESTING MOTION)
 - CRASH LANDING
 - ∞ GEAR

ARRHYTHMIA

- GS RATES (PER TIME)
 - . HEART RATE
 - . . **ARRHYTHMIA**

ARRIVALS

- RT APPROACH
 - LANDING

ARROW WINGS

- GS AIRFOILS
 - . WINGS
 - . . SWEEP WINGS
 - . . . SWEEPBACK WINGS
 - **ARROW WINGS**
 - PLANFORMS
 - . WING PLANFORMS
 - . . SWEEPBACK WINGS
 - . . . **ARROW WINGS**
- RT CARET WINGS
 - DELTA WINGS
 - VARIABLE SWEEP WINGS

ARROYOS

- GS LANDFORMS
 - . **ARROYOS**
- RT CANYONS
 - DRAINAGE PATTERNS
 - EROSION
 - LIMNOLOGY
 - RAIN IMPACT DAMAGE
 - WATER
 - WATER CURRENTS
 - WATER EROSION

ARSENATES

- GS ARSENIC COMPOUNDS
 - . **ARSENATES**
- RT ARSENIDES
 - ∞ OXYGEN COMPOUNDS

ARSENIC

- GS CHEMICAL ELEMENTS
 - . METALLOIDS
 - . . **ARSENIC**
 - . . . ARSENIC ISOTOPES
- RT METALS

ARSENIC ALLOYS

- GS ALLOYS
 - . **ARSENIC ALLOYS**
- RT METALLOIDS

ARSENIC COMPOUNDS

- GS **ARSENIC COMPOUNDS**
 - . ARSENATES
 - . ARSENIDES
 - . . GALLIUM ARSENIDES
 - . . . ALUMINUM GALLIUM ARSENIDES

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ARSENIC COMPOUNDS-(CONT.)

- . . INDIUM ARSENIDES
- . . PROUSTITE
- RT ∞ GROUP 5A COMPOUNDS

ARSENIC ISOTOPES

- GS CHEMICAL ELEMENTS
 - . METALLOIDS
 - . . ARSENIC
 - . . . **ARSENIC ISOTOPES**
 - . . . NUCLIDES
 - . . . ISOTOPES
 - RADIOACTIVE ISOTOPES
 - **ARSENIC ISOTOPES**
- RT METALS

ARSENIDES

- GS ARSENIC COMPOUNDS
 - . **ARSENIDES**
 - . . GALLIUM ARSENIDES
 - . . . ALUMINUM GALLIUM ARSENIDES
 - . . . INDIUM ARSENIDES
 - . . . PROUSTITE
- RT ARSENATES
 - INTERMETALLICS

ARTEMIA

- GS ANIMALS
 - . INVERTEBRATES
 - . . ARTHROPODS
 - . . . **ARTEMIA**

ARTERIES

- GS ANATOMY
 - . CARDIOVASCULAR SYSTEM
 - . . BLOOD VESSELS
 - . . . **ARTERIES**
 - AORTA
 - . . . CIRCULATORY SYSTEM
 - . . . VASCULAR SYSTEM
 - BLOOD VESSELS
 - **ARTERIES**
 - AORTA
- RT ARTERIOSCLEROSIS
 - BIFURCATION (BIOLOGY)
 - CAROTID SINUS BODY
 - CAROTID SINUS REFLEX
 - PHONOARTERIOGRAPHY
 - SPHYGMOGRAPHY
 - VEINS

ARTERIOSCLEROSIS

- UF ATHEROSCLEROSIS
- GS DISEASES
 - . **ARTERIOSCLEROSIS**
- RT ANGINA PECTORIS
 - ARTERIES
 - CHOLESTEROL
 - CIRCULATORY SYSTEM
 - CORONARY ARTERY DISEASE
 - MYOCARDIAL INFARCTION

ARTHRITIS

- GS DISEASES
 - . **ARTHRITIS**
- RT BONES
 - CALCIFICATION
 - JOINTS (ANATOMY)

ARTHROPODS

- GS ANIMALS
 - . INVERTEBRATES
 - . . **ARTHROPODS**
 - . . . ARTEMIA
 - . . . CEPHALOPODS
 - . . . MOLLUSKS
 - . . . OCTOPUSES
 - . . . SNAILS
 - . . . CRABS
 - . . . INSECTS
 - BEES
 - BOLL WEEVILS
 - CHIRONOMUS FLIES
 - COCKROACHES
 - COLEOPTERA
 - CRICKETS
 - BEETLES
 - TRIBOLIA
 - DROSOPHILA
 - FIREFLIES
 - GRASSHOPPERS
 - LARVAE
 - BOLLWORMS
 - SILKWORMS
 - LOCUSTS

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ARTIFICIAL SATELLITES

ARTHROPODS-(CONT.)

... MOTHS
... SILKWORMS
... PUPA
... SPIDERS
RT EXOSKELETONS

ARTICULATION

GS SPEECH
... ARTICULATION
RT LANGUAGES
SPEECH DEFECTS

ARTIFACTS

RT ANTHROPOLOGY
ANTIQUITIES
CULTURE (SOCIAL SCIENCES)
MUSEUMS

ARTIFICIAL CARDIAC PACEMAKER

GS MEDICAL EQUIPMENT
... ARTIFICIAL CARDIAC PACEMAKER
RT BIOTECHNOLOGY
BLOOD CIRCULATION
CARDIOLOGY
CIRCULATION
CIRCULATORY SYSTEM
HEART
PULMONARY CIRCULATION

ARTIFICIAL CLOUDS

GS CLOUDS
... CLOUDS (METEOROLOGY)
... ARTIFICIAL CLOUDS
... CHEMICAL CLOUDS
... BARIUM ION CLOUDS
RT WEATHER MODIFICATION

ARTIFICIAL EARS

GS MEDICAL EQUIPMENT
... PROSTHETIC DEVICES
... ARTIFICIAL EARS
RT EAR

ARTIFICIAL GRAVITY

GS GRAVITATION
... ARTIFICIAL GRAVITY
RT ACCELERATION STRESSES
(PHYSIOLOGY)
∞ ASTRONAUTICS
ENVIRONMENTAL CONTROL
GRAVITY GRADIENT SATELLITES
HUMAN CENTRIFUGES
LIFE SUPPORT SYSTEMS
LOWER BODY NEGATIVE PRESSURE
ROTATING ENVIRONMENTS
SPIN DYNAMICS
WEIGHTLESSNESS

ARTIFICIAL HARBORS

GS WATERWAYS
... HARBORS
... ARTIFICIAL HARBORS
RT CARGO SHIPS
DEEPWATER TERMINALS
MARINE TECHNOLOGY
OCEANOGRAPHY
OFFSHORE DOCKING
OFFSHORE PLATFORMS
SHIP TERMINALS
TANKER SHIPS
TANKER TERMINALS
∞ TANKERS
TERMINAL FACILITIES
TRANSPORTATION

ARTIFICIAL HEART VALVES

GS MEDICAL EQUIPMENT
... ARTIFICIAL HEART VALVES
VALVES
... ARTIFICIAL HEART VALVES
RT BIOTECHNOLOGY
BLOOD CIRCULATION
BLOOD PUMPS
HEART
HEART IMPLANTATION

ARTIFICIAL INTELLIGENCE

UF MACHINE RECOGNITION
GS INTELLIGENCE
... ARTIFICIAL INTELLIGENCE
RT AUTOMATA THEORY
BIONICS
CHARACTER RECOGNITION

ARTIFICIAL INTELLIGENCE-(CONT.)

COGNITION
COMPUTER VISION
COMPUTERS
DEPERSONALIZATION
INTELLECT
LEARNING MACHINES
∞ LOGIC
PERCEPTION
ROBOTS
SELF ORGANIZING SYSTEMS
THEOREM PROVING
VOICE DATA PROCESSING

ARTIFICIAL RADIATION BELTS

GS EARTH ATMOSPHERE
... RADIATION BELTS
... ARTIFICIAL RADIATION BELTS
PARTICLES
... CHARGED PARTICLES
... MAGNETICALLY TRAPPED PARTICLES
... RADIATION BELTS
... ARTIFICIAL RADIATION BELTS
... TRAPPED PARTICLES
... MAGNETICALLY TRAPPED PARTICLES
... RADIATION BELTS
... ARTIFICIAL RADIATION BELTS
RT INNER RADIATION BELT
NUCLEAR EXPLOSIONS
OUTER RADIATION BELT

ARTIFICIAL RESPIRATION

USE RESUSCITATION

ARTIFICIAL SATELLITES

UF ORBITING SATELLITES
GS SATELLITES
... ARTIFICIAL SATELLITES
... ACTIVE SATELLITES
... SYNCOM SATELLITES
... EARLY BIRD SATELLITES
... SYNCOM 1 SATELLITE
... SYNCOM 2 SATELLITE
... SYNCOM 3 SATELLITE
... ALOUETTE SATELLITES
... ALOUETTE B SATELLITE
... ALOUETTE 1 SATELLITE
... ALOUETTE 2 SATELLITE
... ARIEL SATELLITES
... ARIEL 1 SATELLITE
... ARIEL 2 SATELLITE
... ARIEL 3 SATELLITE
... ARIEL 4 SATELLITE
... ARIEL 5 SATELLITE
... ASTRONOMICAL NETHERLANDS
SATELLITE
... BESS (SATELLITE)
... BIOSATELLITES
... BIOSATELLITE 1
... BIOSATELLITE 2
... BIOSATELLITE 3
... SPUTNIK 2 SATELLITE
... SPUTNIK 6 SATELLITE
... SPUTNIK 7 SATELLITE
... CANNONBALL 2 SATELLITE
... COMMUNICATION SATELLITES
... AERONAUTICAL SATELLITES
... AEROSAT SATELLITES
... ARCOMSAT
... COMMUNICATIONS TECHNOLOGY
SATELLITE
... COMSTAR C
... NATO 3B SATELLITE
... COMSTAR SATELLITES
... COSMOS 1130 SATELLITE
... COSMOS 1131 SATELLITE
... COSMOS 1132 SATELLITE
... COSMOS 1133 SATELLITE
... COSMOS 1134 SATELLITE
... COSMOS 1135 SATELLITE
... COSMOS 1136 SATELLITE
... COSMOS 1137 SATELLITE
... EUROPEAN COMMUNICATIONS
SATELLITE
... INTELSAT SATELLITES
... INTELSAT 1 SATELLITE
... INTELSAT 2 SATELLITE
... INTELSAT 3 SATELLITE
... INTELSAT 4 SATELLITE
... INTELSAT 5 SATELLITE
... INTELSAT 5B SATELLITE
... INTELSAT 5C SATELLITE
... LOW FREQUENCY
TRANSIONOSPHERIC SATELLITES
... MAROTS (ESA)

ARTIFICIAL SATELLITES-(CONT.)

... MOLNIYA SATELLITES
... PALAPA SATELLITES
... PALAPA 1 SATELLITE
... PALAPA 2 SATELLITE
... RADUGA SATELLITE
... RCA SATCOM SATELLITES
... RCA SATCOM C
... RCA SATCOM 1
... RCA SATCOM 2
... RELAY SATELLITES
... RELAY 1 SATELLITE
... RELAY 2 SATELLITE
... SYMPHONIE SATELLITES
... SYNCOM SATELLITES
... EARLY BIRD SATELLITES
... SYNCOM 1 SATELLITE
... SYNCOM 2 SATELLITE
... SYNCOM 3 SATELLITE
... SYNCOM 4 SATELLITE
... WESTAR SATELLITES
... COSMOS SATELLITES
... COSMOS 1 SATELLITE
... COSMOS 2 SATELLITE
... COSMOS 3 SATELLITE
... COSMOS 4 SATELLITE
... COSMOS 5 SATELLITE
... COSMOS 6 SATELLITE
... COSMOS 7 SATELLITE
... COSMOS 8 SATELLITE
... COSMOS 11 SATELLITE
... COSMOS 12 SATELLITE
... COSMOS 14 SATELLITE
... COSMOS 15 SATELLITE
... COSMOS 17 SATELLITE
... COSMOS 41 SATELLITE
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... COSMOS 110 SATELLITE
... COSMOS 137 SATELLITE
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... COSMOS 188 SATELLITE
... COSMOS 206 SATELLITE
... COSMOS 213 SATELLITE
... COSMOS 224 SATELLITE
... COSMOS 225 SATELLITE
... COSMOS 381 SATELLITE
... COSMOS 462 SATELLITE
... COSMOS 1128 SATELLITE
... COSMOS 1129 SATELLITE
... COSMOS 1130 SATELLITE
... COSMOS 1131 SATELLITE
... COSMOS 1132 SATELLITE
... COSMOS 1133 SATELLITE
... COSMOS 1134 SATELLITE
... COSMOS 1135 SATELLITE
... COSMOS 1136 SATELLITE
... COSMOS 1137 SATELLITE
... INTERCOSMOS SATELLITES
... COSMOS 782 SATELLITE
... COSMOS 936 SATELLITE
... COURIER SATELLITE
... DIADEME SATELLITES
... DIAL SATELLITE
... DISCOVERER SATELLITES
... DISCOVERER 5 SATELLITE
... DISCOVERER 6 SATELLITE
... DISCOVERER 15 SATELLITE
... DISCOVERER 17 SATELLITE
... DISCOVERER 18 SATELLITE
... DISCOVERER 29 SATELLITE
... DISCOVERER 30 SATELLITE
... DISCOVERER 31 SATELLITE
... DISCOVERER 32 SATELLITE
... DISCOVERER 36 SATELLITE
... DISCOVERER 38 SATELLITE
... DODGE SATELLITE
... ENVIRONMENTAL RESEARCH
SATELLITES
... ERS 17
... ERS 18
... INTASAT SATELLITE
... EROS (SATELLITES)
... ESA SATELLITES
... AEROSAT SATELLITES
... COS-B SATELLITE
... ERS-1 (ESA SATELLITE)
... ESRO 1 SATELLITE
... ESRO 2 SATELLITE
... ESRO 4 SATELLITE

ARTIFICIAL SATELLITES

ARTIFICIAL SATELLITES-(CONT.)

... EUROPEAN COMMUNICATIONS
SATELLITE
... EXOSAT SATELLITE
... GEOS SATELLITES (ESA)
... HEOS SATELLITES
... HEOS A SATELLITE
... HEOS B SATELLITE
... MAROTS (ESA)
... METEOSAT SATELLITE
... OTS (ESA)
... TD SATELLITES
... TD-1 SATELLITE
... EUROPEAN 1 SPACECRAFT
... EVASIVE SATELLITES
... EXPLORER SATELLITES
... APPLICATIONS EXPLORER
SATELLITES
... DUAL AIR DENSITY EXPLORER
... DYNAMICS EXPLORER SATELLITES
... DYNAMICS EXPLORER 1
SATELLITE
... DYNAMICS EXPLORER 2
SATELLITE
... EXPLORER S-46 SATELLITE
... EXPLORER S-55 SATELLITE
... EXPLORER 1 SATELLITE
... EXPLORER 2 SATELLITE
... EXPLORER 3 SATELLITE
... EXPLORER 4 SATELLITE
... EXPLORER 5 SATELLITE
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... EXPLORER 52 SATELLITE
... EXPLORER 53 SATELLITE
... EXPLORER 54 SATELLITE
... EXPLORER 55 SATELLITE
... EXTREME ULTRAVIOLET EXPLORER
SATELLITE
... IMP
... INTERNATIONAL MAGNETOSPHERIC
EXPLORER
... INTERNATIONAL SUN EARTH
EXPLORERS
... INTERNATIONAL SUN EARTH
EXPLORER 1
... INTERNATIONAL SUN EARTH
EXPLORER 2
... INTERNATIONAL SUN EARTH
EXPLORER 3
... MICROMETEOROID EXPLORER
SATELLITES
... RADIO ASTRONOMY EXPLORER
SATELLITE
... SOLAR MESOSPHERE EXPLORER

ARTIFICIAL SATELLITES-(CONT.)

... FRENCH SATELLITES
... D-1 SATELLITE
... D-2 SATELLITES
... EOLE SATELLITES
... FR-1 SATELLITE
... GEOLE SATELLITES
... PEOPLE SATELLITES
... SRET SATELLITES
... SRET 1 SATELLITE
... SRET 2 SATELLITE
... GEODETIC SATELLITES
... ANNA SATELLITES
... EXPLORER 29 SATELLITE
... EXPLORER 36 SATELLITE
... GEOLE SATELLITES
... GEOS 1 SATELLITE
... GEOS 2 SATELLITE
... GEOS 3 SATELLITE
... LARGOS SATELLITE
... PAGEOS SATELLITE
... VANGUARD 1 SATELLITE
... GEOPHYSICAL SATELLITES
... COSMOS 462 SATELLITE
... EXPLORER 6 SATELLITE
... EXPLORER 10 SATELLITE
... EXPLORER 12 SATELLITE
... EXPLORER 13 SATELLITE
... EXPLORER 45 SATELLITE
... INTERCOSMOS SATELLITES
... OGO
... EGO
... OGO-A
... OGO-3
... OGO-5
... POGO
... OGO-C
... OGO-4
... OGO-6
... OSO
... OSO-C
... OSO-1
... OSO-2
... OSO-3
... OSO-4
... OSO-5
... OSO-6
... OSO-7
... OSO-8
... RADIATION AND METEOROID
SATELLITE
... SPUTNIK 3 SATELLITE
... VANGUARD 3 SATELLITE
... GEOS-D SATELLITE
... GOES B (NOAA)
... GRAVITY GRADIENT SATELLITES
... ATS
... ATS 1
... ATS 2
... ATS 3
... ATS 4
... ATS 5
... ATS 6
... ATS 7
... ATS 8
... ORBIS CAL SATELLITE
... GRAVSAT SATELLITE
... GREB SATELLITES
... GREB 5 SATELLITE
... HAWKEYE SATELLITES
... HEAO 1
... HEAO 2
... HEAO 3
... HELIOS SATELLITES
... HELIOS A
... HELIOS B
... HELIOS 1
... HELIOS 2
... INFRARED ASTRONOMY SATELLITE
... INJUN SATELLITES
... EXPLORER 25 SATELLITE
... INJUN 1 SATELLITE
... INJUN 2 SATELLITE
... INJUN 3 SATELLITE
... INJUN 4 SATELLITE
... INSPECTOR SATELLITE
... IRIS SATELLITES
... ISIS SATELLITES
... ALOUETTE 2 SATELLITE
... ISIS-A
... ISIS-B
... ISIS-C
... ISIS-X
... IUE
... LANDSAT SATELLITES
... LANDSAT D

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ARTIFICIAL SATELLITES-(CONT.)

... LANDSAT D PRIME
... LANDSAT E
... LANDSAT F
... LANDSAT 1
... LANDSAT 2
... LANDSAT 3
... LINCOLN EXPERIMENTAL SATELLITES
... LUNAR SATELLITES
... EXPLORER 18 SATELLITE
... EXPLORER 28 SATELLITE
... IMP
... LUNAR ORBITER
... LUNAR ORBITER 1
... LUNAR ORBITER 2
... LUNAR ORBITER 3
... LUNAR ORBITER 4
... LUNAR ORBITER 5
... LZEEBE SATELLITE
... MAGSAT A SATELLITE
... MAGSAT SATELLITES
... MAGSAT 1 SATELLITE
... MARISAT SATELLITES
... MARISAT 1 SATELLITE
... MARITIME SATELLITES
... ERS-1 (ESA SATELLITE)
... MAROTS (ESA)
... METEOROLOGICAL SATELLITES
... AEROS SATELLITE
... COSMOS 144 SATELLITE
... D-2 SATELLITES
... DIRECT READOUT EQUATORIAL
WEATHER SAT
... ELEKTRON SATELLITES
... ELEKTRON 1 SATELLITE
... ELEKTRON 2 SATELLITE
... ELEKTRON 4 SATELLITE
... EOLE SATELLITES
... ESSA SATELLITES
... ESSA 1 SATELLITE
... ESSA 2 SATELLITE
... ESSA 3 SATELLITE
... ESSA 4 SATELLITE
... ESSA 5 SATELLITE
... ESSA 6 SATELLITE
... ESSA 7 SATELLITE
... ESSA 8 SATELLITE
... ESSA 9 SATELLITE
... EXPLORER 9 SATELLITE
... EXPLORER 17 SATELLITE
... EXPLORER 19 SATELLITE
... GEOLE SATELLITES
... METEOSAT SATELLITE
... NIMBUS SATELLITES
... NIMBUS F SATELLITE
... NIMBUS G SATELLITE
... NIMBUS 1 SATELLITE
... NIMBUS 2 SATELLITE
... NIMBUS 3 SATELLITE
... NIMBUS 4 SATELLITE
... NIMBUS 5 SATELLITE
... NIMBUS 6 SATELLITE
... NIMBUS 7 SATELLITE
... NOAA SATELLITES
... NOAA 2 SATELLITE
... NOAA 3 SATELLITE
... NOAA 4 SATELLITE
... NOAA 5 SATELLITE
... NOAA 6 SATELLITE
... NOAA 7 SATELLITE
... SAN MARCO SATELLITE
... SAN MARCO 3 SATELLITE
... SAN MARCO 1 SATELLITE
... SAN MARCO 2 SATELLITE
... SEOS (SATELLITE)
... SIRS B SATELLITE
... SPUTNIK 1 SATELLITE
... SPUTNIK 2 SATELLITE
... SPUTNIK 3 SATELLITE
... SRET SATELLITES
... SRET 1 SATELLITE
... SRET 2 SATELLITE
... SYNCHRONOUS EARTH
OBSERVATORY SATELLITE
... SMS 1
... SMS 2
... SYNCHRONOUS METEOROLOGICAL
SATELLITE
... SMS 1
... SMS 2
... TIROS SATELLITES
... IMPROVED TIROS OPERATIONAL
SATELLITES
... ITOS 1
... ITOS 2
... ITOS 3

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ARTIFICIAL SATELLITES-(CONT.)

. ITOS 4
 ITOS SATELLITES
 ITOS 1
 ITOS 2
 ITOS 3
 ITOS 4
 TIROS K SATELLITE
 TIROS M
 TIROS 1 SATELLITE
 TIROS 2 SATELLITE
 TIROS 3 SATELLITE
 TIROS 4 SATELLITE
 TIROS 5 SATELLITE
 TIROS 6 SATELLITE
 TIROS 7 SATELLITE
 TIROS 8 SATELLITE
 TIROS 9 SATELLITE
 TIROS 10 SATELLITE
 VANGUARD 2 SATELLITE
 MIDAS SATELLITES
 MIDAS 2 SATELLITE
 MIDAS 3 SATELLITE
 MIDAS 4 SATELLITE
 MIDAS 5 SATELLITE
 MIDAS 6 SATELLITE
 MIDAS 7 SATELLITE
 MULTISPECTRAL RESOURCE
 SAMPLER
 NAVIGATION SATELLITES
 AEROSAT SATELLITES
 EXPLORER 22 SATELLITE
 NAVIGATION TECHNOLOGY
 SATELLITES
 NAVSTAR SATELLITES
 NOVA SATELLITE
 REFSAT
 TRANSIT ATTITUDE CONTROL
 SATELLITE
 TRANSIT SATELLITES
 TRANSIT 1A SATELLITE
 TRANSIT 1B SATELLITE
 TRANSIT 2A SATELLITE
 TRANSIT 3B SATELLITE
 TRANSIT 4A SATELLITE
 TRANSIT 4B SATELLITE
 TRANSIT 5A SATELLITE
 OAO
 OAO 1
 OAO 2
 OAO 3
 ORBIS
 ORBIS CAL SATELLITE
 ORBITAL SPACE STATIONS
 EOSS
 LONG DURATION EXPOSURE
 FACILITY
 ORBITAL WORKSHOPS
 OV-1 SATELLITES
 OV-2 SATELLITES
 OV-3 SATELLITES
 OV-4 SATELLITES
 OV-5 SATELLITES
 OV-6 SATELLITES
 PAS
 PASSIVE SATELLITES
 BEACON SATELLITES
 BEACON EXPLORER A
 EXPLORER 22 SATELLITE
 ECHO SATELLITES
 ECHO 1 SATELLITE
 ECHO 2 SATELLITE
 LAGEOS (SATELLITE)
 PAGEOS SATELLITE
 PEGASUS SATELLITES
 POLYOT SATELLITES
 PROGNOZ SATELLITES
 PROTON SATELLITES
 PROTON 1 SATELLITE
 PROTON 2 SATELLITE
 PROTON 3 SATELLITE
 PROTON 4 SATELLITE
 SAGE SATELLITE
 SARSAT
 SAS
 EXPLORER 53 SATELLITE
 SAS-1
 SAS-2
 SAS-3
 SCATHA SATELLITE
 SCORE SATELLITE
 SEASAT SATELLITES
 SEASAT-A SATELLITE
 SEASAT-B SATELLITE
 SKYNET SATELLITES
 SMALL SCIENTIFIC SATELLITES

ARTIFICIAL SATELLITES-(CONT.)

. SNAPSHOT SATELLITE
 SOLAR POWER SATELLITES
 SOLAR RADIATION 1 SATELLITE
 SOLAR RADIATION 3 SATELLITE
 SPOT (FRENCH SATELLITE)
 SPUTNIK SATELLITES
 SPUTNIK 1 SATELLITE
 SPUTNIK 2 SATELLITE
 SPUTNIK 3 SATELLITE
 SPUTNIK 4 SATELLITE
 SPUTNIK 5 SATELLITE
 SPUTNIK 6 SATELLITE
 SPUTNIK 7 SATELLITE
 SPUTNIK 8 SATELLITE
 SYNCHRONOUS SATELLITES
 AEROS SATELLITE
 AEROSAT SATELLITES
 ANIK 1
 ANIK 2
 ANIK 3
 GOES SATELLITES
 GOES 1
 GOES 2
 GOES 3
 GOES 4
 GOES 5
 MIRANDA SATELLITE
 SIRIO SATELLITE
 STORMSAT SATELLITE
 SYNCHRONOUS EARTH
 OBSERVATORY SATELLITE
 SMS 1
 SMS 2
 SYNCHRONOUS METEOROLOGICAL
 SATELLITE
 SMS 1
 SMS 2
 SYNCOM SATELLITES
 EARLY BIRD SATELLITES
 SYNCOM 1 SATELLITE
 SYNCOM 2 SATELLITE
 SYNCOM 3 SATELLITE
 TD SATELLITES
 TD-1 SATELLITE
 TELSTAR SATELLITES
 TELSTAR 1 SATELLITE
 TELSTAR 2 SATELLITE
 TETHERED SATELLITES
 TIROS N SERIES SATELLITES
 UHURU SATELLITE
 UK SATELLITES
 ARIEL 4 SATELLITE
 ARIEL 5 SATELLITE
 MIRANDA SATELLITE
 VANGUARD SATELLITES
 VANGUARD 1 SATELLITE
 VANGUARD 2 SATELLITE
 VANGUARD 3 SATELLITE
 VELA SATELLITES
 VENERA SATELLITES
 VENERA 5 SATELLITE
 VENERA 6 SATELLITE
 VENERA 7 SATELLITE
 VENERA 8 SATELLITE
 VENERA 9 SATELLITE
 VENERA 10 SATELLITE
 VENERA 11 SATELLITE
 VENERA 12 SATELLITE
 EARTH SATELLITES
 FLEXIBLE SPACECRAFT
 HALO ORBIT SPACE STATION
 INFLATABLE SPACECRAFT
 INTERPLANETARY SPACECRAFT
 LUNAR ORBITS
 LUNAR SPACECRAFT
 MANEUVERABLE SPACECRAFT
 MANNED SPACECRAFT
 MILITARY SPACECRAFT
 NATIONAL OCEANIC SATELLITE SYSTEM
 NATURAL SATELLITES
 OBSERVATORIES
 ORBITS
 RECONNAISSANCE SPACECRAFT
 SATELLOIDS
 SKYLAB 1
 SKYLAB 2
 SKYLAB 3
 SKYLAB 4
 SPACE CAPSULES
 SPACE LABORATORIES
 SPACE STATIONS
 TELSTAR PROJECT
 UNMANNED SPACECRAFT

RT

ASCORBIC ACID METABOLISM

ARTILLERY

GS WEAPONS
 ARTILLERY
 HOWITZERS
 PRECISION GUIDED PROJECTILES
 RT GUN LAUNCHERS
 GUNNERY TRAINING
 MISSILES
 RIFLES
 SABOT PROJECTILES

ARTILLERY FIRE

RT BARRAGES
 GUNFIRE

ARTS

GS ARTS
 ABILITIES
 GRAPHIC ARTS
 RT CREATIVITY
 MUSIC

ARYABHATA

USE INDIAN SPACECRAFT

ARYL COMPOUNDS

USE AROMATIC COMPOUNDS

ASA

USE ACETYSALICYLIC ACID

ASBESTOS

GS MINERALS
 ASBESTOS
 RT AMBERLITE (TRADEMARK)
 ELECTRICAL INSULATION
 INSULATION
 NONFLAMMABLE MATERIALS
 SERPENTINE
 THERMAL INSULATION

ASCENT

GS ASCENT
 CLIMBING FLIGHT
 RT BALLOONS
 DESCENT
 LUNAR MODULE ASCENT STAGE
 SPACE SHUTTLE ASCENT STAGE
 TAKEOFF

ASCENT PROPULSION SYSTEMS

GS PROPULSION
 ASCENT PROPULSION SYSTEMS
 PROPULSION SYSTEM CONFIGURATIONS
 ASCENT PROPULSION SYSTEMS
 RT LUNAR MODULE
 MISSILES
 PROPELLANTS
 ROCKET PROPELLANTS
 SPACE FLIGHT
 SPACE SHUTTLE ASCENT STAGE

ASCENT TRAJECTORIES

GS TRAJECTORIES
 ASCENT TRAJECTORIES
 RT BALLISTIC TRAJECTORIES
 CLIMBING FLIGHT
 COASTING FLIGHT
 DESCENT TRAJECTORIES
 FLIGHT MECHANICS
 GUIDANCE (MOTION)
 INJECTION GUIDANCE
 LOFTING
 LUNAR MODULE ASCENT STAGE
 MIDCOURSE TRAJECTORIES
 MISSILE TRAJECTORIES
 PARABOLIC FLIGHT
 POST BOOST PROPULSION SYSTEM
 RENDEZVOUS TRAJECTORIES
 SPACE SHUTTLE ASCENT STAGE
 SPACECRAFT TRAJECTORIES

ASCORBIC ACID

UF VITAMIN C
 GS ACIDS
 ASCORBIC ACID
 HETEROCYCLIC COMPOUNDS
 ASCORBIC ACID
 VITAMINS
 ASCORBIC ACID

ASCORBIC ACID METABOLISM

GS METABOLISM
 ASCORBIC ACID METABOLISM

ASCR REACTOR

ASCORBIC ACID METABOLISM-(CONT.)

RT VITAMINS

ASCR REACTOR

USE ADVANCED SODIUM COOLED REACTOR

ASDE

USE AIRPORT SURFACE DETECTION EQUIPMENT

ASHES

GS ASHES
 . FLY ASH
 RT AIR POLLUTION
 COAL
 COMBUSTION PRODUCTS
 CULTIVATION
 FERTILIZERS
 FIRE DAMAGE
 FOREST FIRES
 LIGNITE
 REACTION PRODUCTS
 RESIDUES

ASIA

GS CONTINENTS
 . ASIA
 RT AFGHANISTAN
 BANGLADESH
 BRUNEI
 BURMA
 CAMBODIA
 CEYLON
 CHINA (MAINLAND)
 CHINA (TAIWAN)
 HIMALAYAS
 HONG KONG
 INDIA
 IRAN
 IRAQ
 ISRAEL
 KUWAIT
 LAOS
 LEBANON
 MALAWI
 MALAYA
 MONGOLIA
 NATIONS
 NEPAL
 NORTH KOREA
 PAKISTAN
 RED SEA
 SAUDI ARABIA
 SEA OF JAPAN
 SIBERIA
 SIKKIM
 SINGAPORE
 SOUTH KOREA
 SOUTHEAST ASIA
 SOUTHERN YEMEN
 SYRIA
 THAILAND
 TIBET
 TUNDRA
 U.S.S.R.
 VIETNAM
 YEMEN

ASP ROCKET VEHICLE

UF NIKE-ASP ROCKET
 GS ROCKET VEHICLES
 . SOUNDING ROCKETS
 . ASP ROCKET VEHICLE
 RT SONDES

ASPARTATES

GS ESTERS
 . ASPARTATES
 ORGANIC COMPOUNDS
 . ASPARTATES
 PROTEINS
 . ASPARTATES
 RT AMINO ACIDS
 ASPARTIC ACID

ASPARTIC ACID

GS ACIDS
 . AMINO ACIDS
 . ASPARTIC ACID
 ORGANIC COMPOUNDS
 . AMINO ACIDS
 . ASPARTIC ACID

ASPARTIC ACID-(CONT.)

RT ASPARTATES
 PEPTIDES

ASPECT RATIO

GS RATIOS
 . ASPECT RATIO
 . . HIGH ASPECT RATIO
 . . LOW ASPECT RATIO
 RT AERODYNAMIC CHARACTERISTICS
 AIRFOILS
 FINENESS RATIO
 LIFT
 . SPAN
 WINGS

ASPERGILLUS

GS FUNGI
 . ASPERGILLUS
 RT INFECTIOUS DISEASES
 MOLDS

ASPHALT

GS PRODUCTS
 . PETROLEUM PRODUCTS
 . ASPHALT
 RT AMORPHOUS MATERIALS
 PAVEMENTS
 PITCH (MATERIAL)
 TARS

ASPHALTENES

RT COAL
 COAL DERIVED LIQUIDS
 COAL LIQUEFACTION
 HYDROGENATION

ASPHERICITY

RT ABERRATION
 GEOMETRICAL OPTICS
 . OPTICS
 REFRACTION
 SPHERES

ASPHYXIA

RT ANOXIA
 RESPIRATION
 SIGNS AND SYMPTOMS

ASPIRATION

USE VACUUM

ASRO AIRCRAFT

GS ASRO AIRCRAFT
 . SIEMETZKI T-3 HELICOPTER
 RT . AIRCRAFT

ASROC ENGINE

GS ENGINES
 . ROCKET ENGINES
 . . SOLID PROPELLANT ROCKET
 ENGINES
 . . ASROC ENGINE
 RT ANTISUBMARINE WARFARE
 TORPEDOES

ASSATEAGUE ISLAND (MD-VA)

GS LANDFORMS
 . ISLANDS
 . . ASSATEAGUE ISLAND (MD-VA)
 RT ATLANTIC OCEAN
 MARYLAND
 VIRGINIA

ASSAULTING

USE ATTACKING (ASSAULTING)

ASSAYING

RT CHEMICAL ANALYSIS
 IMMUNOASSAY
 MARS SURFACE SAMPLES
 PARTICULATE SAMPLING
 RADIOIMMUNOASSAY
 SAMPLING

ASSEMBLER ROUTINES

GS COMPUTER PROGRAMMING
 . ASSEMBLER ROUTINES
 COMPUTER PROGRAMS
 . COMPUTER SYSTEMS PROGRAMS
 . . ASSEMBLER ROUTINES
 RT COMPILERS
 OPERATING SYSTEMS (COMPUTERS)

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ASSEMBLIES

GS ASSEMBLIES
 . SUBASSEMBLIES
 . TAIL ASSEMBLIES
 . . SWING TAIL ASSEMBLIES
 RT ACCUMULATIONS
 ASSEMBLING
 . ASSEMBLY
 . COLLOCATION
 . COMPONENTS
 FABRICATION
 MOSAICS
 STRINGS

ASSEMBLING

GS ASSEMBLING
 . ORBITAL ASSEMBLY
 RT ASSEMBLIES
 . ASSEMBLY
 . ATTACHMENT
 CLEAN ROOMS
 COLLECTION
 CONSTRUCTION
 FABRICATION
 FITTING
 INSTALLING
 . JOINING
 MOUNTING
 PREPARATION
 RIGGING
 SPACE MANUFACTURING

. ASSEMBLY

SN (USE OF A MORE SPECIFIC TERM IS
 RECOMMENDED--CONSULT THE TERMS
 LISTED BELOW)
 RT ASSEMBLIES
 ASSEMBLING
 COLLOCATION

ASSEMBLY LANGUAGE

GS LANGUAGES
 . PROGRAMMING LANGUAGES
 . . ASSEMBLY LANGUAGE
 . . . AUTOCODERS
 . . . COMPASS (PROGRAMMING
 LANGUAGE)
 . . . MAP (PROGRAMMING LANGUAGE)
 RT COMPUTER PROGRAMMING
 COMPUTER PROGRAMS
 COMPUTER SYSTEMS PROGRAMS
 MACHINE ORIENTED LANGUAGES

ASSESS PROGRAM

UF SPACELAB SIMULATION FLIGHTS
 GS PROGRAMS
 . NASA PROGRAMS
 . . ASSESS PROGRAM
 RT SPACE SHUTTLES

ASSESSMENTS

GS ASSESSMENTS
 . DAMAGE ASSESSMENT
 . TECHNOLOGY ASSESSMENT
 RT EVALUATION
 RATINGS
 REVENUE
 VALUE

ASSET GLIDERS

GS GLIDERS
 . ASSET GLIDERS
 RT . AIRCRAFT
 HYPERSONIC GLIDERS
 LIFTING REENTRY VEHICLES

ASSET PROJECT

GS PROGRAMS
 . PROJECTS
 . . ASSET PROJECT
 RT AEROTHERMODYNAMICS
 ENVIRONMENTAL TESTS

ASSIGNMENT

USE ALLOCATIONS

ASSIMILATION

RT DISPERSING
 DISTRIBUTING
 . DISTRIBUTION
 MATERIAL ABSORPTION

ASSOCIATION REACTIONS

GS CHEMICAL REACTIONS

ASSOCIATION REACTIONS-(CONT.)

- . ASSOCIATION REACTIONS
- GAS-GAS INTERACTIONS
- . ASSOCIATION REACTIONS
- RT ASTROPHYSICS
- CHEMICAL EQUILIBRIUM
- CONDENSING
- ENDOTHERMIC REACTIONS
- EXOTHERMIC REACTIONS
- INTERSTELLAR CHEMISTRY
- MOLECULAR GASES
- OXIDATION
- PHOTOCHEMICAL REACTIONS
- PHOTOOXIDATION
- REACTION KINETICS
- VAPOR PHASES

ASSOCIATIONS

- USE ORGANIZATIONS

ASSOCIATIVE PROCESSING (COMPUTERS)

- GS DATA PROCESSING
- . ASSOCIATIVE PROCESSING
- (COMPUTERS)
- RT DIGITAL COMPUTERS
- MULTIPROCESSING (COMPUTERS)
- PARALLEL PROCESSING (COMPUTERS)
- PIPELINING (COMPUTERS)
- ∞ PROCESSING

ASSUMPTIONS

- RT HYPOTHESES
- INFERENCE
- RISK
- SIMPLIFICATION
- ∞ THEORIES

ASSURANCE

- RT QUALITY CONTROL
- REDUNDANCY
- RELIABILITY

ASTATINE

- GS CHEMICAL ELEMENTS
- . HALOGENS
- . . . ASTATINE
- METALS
- . ASTATINE

ASTATINE ISOTOPES

- GS CHEMICAL ELEMENTS
- . NUCLIDES
- . . . ISOTOPES
- . . . RADIOACTIVE ISOTOPES
- ASTATINE ISOTOPES
- METALS
- . ASTATINE ISOTOPES

ASTEC SOLAR TURBOELECTRIC GENERATOR

- GS AUXILIARY POWER SOURCES
- . ASTEC SOLAR TURBOELECTRIC GENERATOR
- ELECTRIC GENERATORS
- . ROTATING GENERATORS
- . . . TURBOGENERATORS
- . . . ASTEC SOLAR TURBOELECTRIC GENERATOR
- . SOLAR GENERATORS
- . . . SOLAR AUXILIARY POWER UNITS
- . . . ASTEC SOLAR TURBOELECTRIC GENERATOR
- TURBOMACHINERY
- . TURBOGENERATORS
- . . . ASTEC SOLAR TURBOELECTRIC GENERATOR
- RT RANKINE CYCLE
- THERMOELECTRIC GENERATORS

ASTEROID BELTS

- GS CELESTIAL BODIES
- . ASTEROID BELTS
- . . . ASTEROIDS
- AMOR ASTEROID
- APOLLO ASTEROIDS
- CERES ASTEROID
- CHIRON
- ICARUS ASTEROID
- TORO ASTEROID
- VESTA ASTEROID
- RT ∞ BELTS
- METEORIDS
- REGIONS
- SOLAR SYSTEM
- SPACE DEBRIS

ASTEROID CAPTURE

- RT ASTEROIDS
- CELESTIAL BODIES
- CONTAINMENT
- ENCLOSURES
- PAYLOADS
- RETAINING
- SOLAR SYSTEM

ASTEROID MISSIONS

- GS FLYBY MISSIONS
- . ASTEROID MISSIONS
- SPACE MISSIONS
- . ASTEROID MISSIONS
- RT ASTEROIDS
- ∞ MISSIONS
- SPACE EXPLORATION

ASTEROIDS

- GS CELESTIAL BODIES
- . ASTEROID BELTS
- . . . ASTEROIDS
- AMOR ASTEROID
- APOLLO ASTEROIDS
- CERES ASTEROID
- CHIRON
- ICARUS ASTEROID
- TORO ASTEROID
- VESTA ASTEROID
- RT ASTEROID CAPTURE
- ASTEROID MISSIONS
- METEORIDS
- SOLAR SYSTEM
- SPACE DEBRIS

ASTHENOPIA

- GS DISEASES
- . EYE DISEASES
- . . . ASTHENOPIA
- RT FATIGUE (BIOLOGY)

ASTHMA

- GS DISEASES
- . RESPIRATORY DISEASES
- . . . ASTHMA

ASTIGMATISM

- GS DISEASES
- . EYE DISEASES
- . . . ASTIGMATISM
- RT DISTORTION
- FOCUSING
- GEOMETRICAL OPTICS
- HAPLOSOPES
- LENSES
- ∞ OPTICS
- REFRACTION
- STIGMATISM

ASTP

- USE APOLLO SOYUZ TEST PROJECT

ASTRONICS

- RT ∞ ASTRONAUTICS
- AVIONICS
- ∞ CONTROL
- ∞ ELECTRONICS
- GUIDANCE (MOTION)
- SPACECRAFT COMMUNICATION
- SPACECRAFT ELECTRONIC EQUIPMENT
- SPACECRAFT INSTRUMENTS
- ∞ TEST EQUIPMENT

ASTRO VEHICLE

- GS MANEUVERABLE SPACECRAFT
- . ASTRO VEHICLE
- MANNED SPACECRAFT
- . ASTRO VEHICLE
- REENTRY VEHICLES
- . RECOVERABLE SPACECRAFT
- . . . ASTRO VEHICLE
- SOFT LANDING SPACECRAFT
- . ASTRO VEHICLE
- RT AEROSPACEPLANES
- ASTROPLANE
- BOOSTGLIDE VEHICLES
- FERRY SPACECRAFT
- LIFTING REENTRY VEHICLES
- ∞ SPACECRAFT

ASTROBEE ROCKET VEHICLES

- GS ROCKET VEHICLES
- . MULTISTAGE ROCKET VEHICLES
- . . . ASTROBEE ROCKET VEHICLES

ASTROBEE ROCKET VEHICLES-(CONT.)

- . . . ASTROBEE 200 ROCKET VEHICLE
- . . . ASTROBEE 1500 ROCKET VEHICLE
- . SOUNDING ROCKETS
- . . . ASTROBEE ROCKET VEHICLES
- ASTROBEE 200 ROCKET VEHICLE
- ASTROBEE 1500 ROCKET VEHICLE
- RT GENIE ROCKET VEHICLE
- SOLID PROPELLANT ROCKET ENGINES

ASTROBEE 200 ROCKET VEHICLE

- GS ROCKET VEHICLES
- . MULTISTAGE ROCKET VEHICLES
- . . . ASTROBEE ROCKET VEHICLES
- ASTROBEE 200 ROCKET VEHICLE
- SOUNDING ROCKETS
- ASTROBEE ROCKET VEHICLES
- ASTROBEE 200 ROCKET VEHICLE
- RT GENIE ROCKET VEHICLE
- SOLID PROPELLANT ROCKET ENGINES

ASTROBEE 1500 ROCKET VEHICLE

- GS ROCKET VEHICLES
- . MULTISTAGE ROCKET VEHICLES
- . . . ASTROBEE ROCKET VEHICLES
- ASTROBEE 1500 ROCKET VEHICLE
- SOUNDING ROCKETS
- ASTROBEE ROCKET VEHICLES
- ASTROBEE 1500 ROCKET VEHICLE
- RT SOLID PROPELLANT ROCKET ENGINES

ASTROBIOLOGY

- USE EXOBIOLOGY

ASTRODYNAMICS

- GS CLASSICAL MECHANICS
- . SPACE MECHANICS
- . . . ASTRODYNAMICS
- RT ∞ ASTRONAUTICS
- ASTRONOMICAL OBSERVATORIES
- CELESTIAL BODIES
- CELESTIAL MECHANICS
- ∞ DYNAMICS
- INTERPLANETARY FLIGHT
- ORBITAL MECHANICS
- ORBITS
- SPACE EXPLORATION
- SPACE FLIGHT
- SPACE NAVIGATION
- ∞ SPACECRAFT
- TRAJECTORY ANALYSIS

ASTROGRAPHY

- SN (EXCLUDES ASTRONOMICAL PHOTOGRAPHY)
- RT ASTRONOMICAL MAPS
- MAPPING
- PLANETARY MAPPING

ASTROGUIDE NAVIGATION SYSTEM

- GS NAVIGATION
- . CELESTIAL NAVIGATION
- . . . ASTROGUIDE NAVIGATION SYSTEM
- . . . INERTIAL NAVIGATION
- ASTROGUIDE NAVIGATION SYSTEM
- RT INERTIAL COORDINATES
- STAR TRACKERS

ASTROLABES

- GS MEASURING INSTRUMENTS
- . INDICATING INSTRUMENTS
- . . . POSITION INDICATORS
- ASTROLABES
- RT ALTIMETERS
- ASTROMETRY
- . ASTRONOMICAL OBSERVATORIES
- ASTRONOMY
- CELESTIAL BODIES
- POSITION (LOCATION)
- POSITION ERRORS
- SOLAR POSITION
- STAR DISTRIBUTION
- STAR TRACKERS
- STARS

ASTROLOGY

- RT ASTRONOMY
- CONSTELLATIONS
- FORECASTING
- ZODIAC

ASTROLOY (TRADEMARK)

- GS ALLOYS
- . CHROMIUM ALLOYS

ASTROLOY (TRADEMARK)-(CONT.)

- . . ASTROLOY (TRADEMARK)
- . . COBALT ALLOYS
- . . ASTROLOY (TRADEMARK)
- . . HIGH STRENGTH ALLOYS
- . . ASTROLOY (TRADEMARK)
- . . NICKEL ALLOYS
- . . ASTROLOY (TRADEMARK)
- . . TERNARY ALLOYS
- . . ASTROLOY (TRADEMARK)

ASTROMETRY

- RT ASTROLABES
- ASTRONOMICAL MAPS
- ASTRONOMICAL PHOTOGRAPHY
- ASTRONOMY
- ∞ MEASUREMENT
- PARALLAX
- SOLAR DIAMETER
- STELLAR PARALLAX

ASTRON THERMONUCLEAR REACTOR

- GS NUCLEAR REACTORS
- . . ASTRON THERMONUCLEAR REACTOR
- RT RELATIVISTIC PLASMAS
- THERMONUCLEAR POWER GENERATION
- THERMONUCLEAR REACTIONS

ASTRONAUT LOCOMOTION

- GS EXTRAVEHICULAR MOBILITY UNITS
- . . ASTRONAUT LOCOMOTION
- LOCOMOTION
- . . ASTRONAUT LOCOMOTION
- RT EXTRAVEHICULAR ACTIVITY
- INTRAVEHICULAR ACTIVITY
- LIFE SUPPORT SYSTEMS
- MAN OPERATED PROPULSION SYSTEMS
- ORBITAL WORKERS

ASTRONAUT MANEUVERING EQUIPMENT

- GS EXTRAVEHICULAR MOBILITY UNITS
- . . ASTRONAUT MANEUVERING
- EQUIPMENT
- RT EXTRAVEHICULAR ACTIVITY
- HUMAN FACTORS ENGINEERING
- IMLSS
- INTRAVEHICULAR ACTIVITY
- SELF MANEUVERING UNITS
- WALKING MACHINES

ASTRONAUT PERFORMANCE

- GS HUMAN PERFORMANCE
- . . ASTRONAUT PERFORMANCE
- . . BLACKOUT PREVENTION
- RT CONFINEMENT
- CONFINING
- HUMAN FACTORS ENGINEERING
- INTRAVEHICULAR ACTIVITY
- MAN MACHINE SYSTEMS
- OPERATOR PERFORMANCE
- ∞ PERFORMANCE
- PHYSIOLOGICAL FACTORS
- PILOT PERFORMANCE
- PSYCHOLOGICAL FACTORS
- SPACECRAFT PERFORMANCE
- WEIGHTLESSNESS

ASTRONAUT TRAINING

- GS EDUCATION
- . . ASTRONAUT TRAINING
- LEARNING
- . . ASTRONAUT TRAINING
- RT EJECTION TRAINING
- FLIGHT TRAINING
- PILOT TRAINING
- SPACE FLIGHT TRAINING
- SPACE MAINTENANCE
- TRAINING SIMULATORS

∞ ASTRONAUTICS

- SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)*
- RT AEROSPACE ENVIRONMENTS
- ARTIFICIAL GRAVITY
- ASTRONICS
- ASTRODYNAMICS
- ASTRONAUTS
- ASTRONOMY
- AUXILIARY PROPULSION
- AVIONICS
- BIOASTRONAUTICS
- BIOSATELLITE 3
- COSMONAUTS
- EARTH-VENUS TRAJECTORIES

ASTRONAUTICS-(CONT.)

- HUMAN FACTORS ENGINEERING
- LUNAR BASES
- PROPULSION
- SATELLITES
- SOFT LANDING
- SPACE EXPLORATION
- SPACE FLIGHT
- SPACE MAINTENANCE
- SPACE NAVIGATION
- SPACECRAFT DOCKING
- WEIGHTLESSNESS

ASTRONAUTS

- GS PERSONNEL
- . . FLYING PERSONNEL
- . . . ASTRONAUTS
- . . . ORBITAL WORKERS
- RT ∞ ASTRONAUTICS
- COSMONAUTS
- CREW EXPERIMENT STATIONS
- CREW OBSERVATION STATIONS
- CREW STATIONS
- CREW WORK STATIONS
- CREWS
- PILOTS (PERSONNEL)
- SPACECRAFT ENVIRONMENTS
- SPACECREWS

ASTRONAVIGATION

- GS NAVIGATION
- . . CELESTIAL NAVIGATION
- . . . ASTRONAVIGATION
- RT AIR NAVIGATION
- INTERPLANETARY NAVIGATION
- INTERSTELLAR TRAVEL
- RADIO NAVIGATION
- SPACE NAVIGATION

ASTRONOMICAL CATALOGS

- GS DOCUMENTS
- . . CATALOGS (PUBLICATIONS)
- . . . ASTRONOMICAL CATALOGS
- RT CLASSIFICATIONS
- EPHEMERIDES
- NORTHERN SKY
- SOUTHERN SKY
- TABLES (DATA)

ASTRONOMICAL COORDINATES

- GS COORDINATES
- . . ASTRONOMICAL COORDINATES
- RT AZIMUTH
- CELESTIAL REFERENCE SYSTEMS
- GEOCENTRIC COORDINATES
- NORTHERN SKY
- PLANETOCENTRIC COORDINATES
- PLANISPHERES
- POLAR COORDINATES
- REFERENCE STARS
- SOLAR LONGITUDE
- SPHERICAL COORDINATES

ASTRONOMICAL MAPS

- GS MAPS
- . . ASTRONOMICAL MAPS
- . . . PLANISPHERES
- RT ASTROGRAPHY
- ASTROMETRY
- CELESTIAL REFERENCE SYSTEMS
- CELESTIAL SPHERE
- LUNAR MAPS

ASTRONOMICAL MODELS

- UF ORRERIES
- GS MODELS
- . . ASTRONOMICAL MODELS
- . . . DENSITY WAVE MODEL
- . . . STELLAR MODELS
- RT BIG BANG COSMOLOGY
- COSMOLOGY
- MATHEMATICAL MODELS
- MOLECULAR CLOUDS
- PLANETARIUMS
- REISSNER-NORDSTROM SOLUTION
- SOLAR NEUTRINOS
- SOLAR OSCILLATIONS
- STELLAR OSCILLATIONS

ASTRONOMICAL NETHERLANDS SATELLITE

- UF ANS
- GS SATELLITES
- . . ARTIFICIAL SATELLITES
- . . . ASTRONOMICAL NETHERLANDS
- SATELLITE

ASTRONOMICAL NETHERLANDS-(CONT.)

- . . EARTH SATELLITES
- . . . ASTRONOMICAL NETHERLANDS
- SATELLITE
- RT NETHERLANDS

ASTRONOMICAL OBSERVATORIES

- GS OBSERVATORIES
- . . ASTRONOMICAL OBSERVATORIES
- . . . GAMMA RAY OBSERVATORY
- . . . HEAO
- . . . HEAO 1
- . . . HEAO 2
- . . . HEAO 3
- . . . OAO
- . . . OAO 1
- . . . OAO 2
- . . . OAO 3
- . . . OSO
- . . . AOSO
- . . . OSO-C
- . . . OSO-1
- . . . OSO-2
- . . . OSO-3
- . . . OSO-4
- . . . OSO-5
- . . . OSO-6
- . . . OSO-7
- . . . OSO-8
- RT ASTRODYNAMICS
- ASTROLABES
- ASTRONOMY
- CELESTIAL BODIES
- GEOPHYSICAL OBSERVATORIES
- JODRELL BANK OBSERVATORY
- LUNAR OBSERVATORIES
- NORTHERN SKY
- RADIO ASTRONOMY
- SOUTHERN SKY
- SPACEBORNE TELESCOPES
- TELESCOPES

ASTRONOMICAL PHOTOGRAPHY

- GS IMAGERY
- . . ASTRONOMICAL PHOTOGRAPHY
- PHOTOGRAPHY
- . . ASTRONOMICAL PHOTOGRAPHY
- RT AERIAL PHOTOGRAPHY
- ASTROMETRY
- ASTRONOMY
- ATMOSPHERIC WINDOWS
- BAKER-NUNN CAMERA
- BLACK AND WHITE PHOTOGRAPHY
- CORONAGRAPHS
- DIFFRACTION LIMITED CAMERAS
- ELECTRO-OPTICAL PHOTOGRAPHY
- FAINT OBJECT CAMERA
- INFRARED ASTRONOMY
- INFRARED PHOTOGRAPHY
- LALLEMAND CAMERAS
- LUNAR PHOTOGRAPHS
- LUNAR PHOTOGRAPHY
- REFERENCE STARS
- ROCKET-BORNE PHOTOGRAPHY
- SATELLITE-BORNE PHOTOGRAPHY
- SCHMIDT CAMERAS
- SOUTHERN SKY
- SPACEBORNE PHOTOGRAPHY
- SPACEBORNE TELESCOPES

ASTRONOMICAL PHOTOMETRY

- GS OPTICAL MEASUREMENT
- . . ASTRONOMICAL PHOTOMETRY
- . . . STELLAR SPECTROPHOTOMETRY
- RT ATMOSPHERIC WINDOWS
- COMETARY ATMOSPHERES
- DIAL SATELLITE
- SPECTROPHOTOMETRY
- TELEPHOTOMETRY

ASTRONOMICAL SPECTROSCOPY

- GS SPECTROSCOPY
- . . ASTRONOMICAL SPECTROSCOPY
- RT ASTRONOMY
- CONTINUOUS SPECTRA
- ELECTROMAGNETIC SPECTRA
- INFRARED SPECTROSCOPY
- ORGANIC SOLIDS
- RADIAL VELOCITY
- RADIATION SPECTRA
- RADIO ASTRONOMY
- RADIO SPECTROSCOPY
- RAMAN SPECTROSCOPY
- SOLAR SPECTRA
- SOUTHERN SKY

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ASTRONOMICAL SPECTROSCOPY-(CONT.)

SPECTRA
SPECTROSCOPIC TELESCOPES
STELLAR SPECTRA
ULTRAVIOLET SPECTROSCOPY
VISIBLE SPECTRUM
X RAY SPECTROSCOPY

ASTRONOMICAL TELESCOPES

GS OPTICAL EQUIPMENT
 . ASTRONOMICAL TELESCOPES
 . . . HELIOMETERS
 . . . PYROHELIOMETERS
 . . . SPECTROSCOPIC TELESCOPES
 . . . MULTISPECTRAL TRACKING
 TELESCOPES
 . . . STRATOSCOPE TELESCOPES
 . . . X RAY TELESCOPES
TELESCOPES
 . ASTRONOMICAL TELESCOPES
 . . . HELIOMETERS
 . . . PYROHELIOMETERS
 . . . INFRARED TELESCOPES
 . . . KILOMETER WAVE ORBITING
 TELESCOPE
 . . . SPECTROSCOPIC TELESCOPES
 . . . MULTISPECTRAL TRACKING
 TELESCOPES
 . . . STRATOSCOPE TELESCOPES
 . . . STARSAT TELESCOPE
 . . . ULTRAVIOLET TELESCOPES
 . . . X RAY TELESCOPES
RT BALLOON-BORNE INSTRUMENTS
CELESCOPES
CORONAGRAPHS
MANNED ORBITAL TELESCOPES
OPTICAL TRANSFER FUNCTION
PARTICLE TELESCOPES
RADIO TELESCOPES
REFLECTING TELESCOPES
REFRACTING TELESCOPES
SCHMIDT CAMERAS
SCHMIDT TELESCOPES
SPACEBORNE TELESCOPES

ASTRONOMY

UF CELESTIAL OBSERVATION
GS ASTRONOMY
 . INFRARED ASTRONOMY
 . RADAR ASTRONOMY
 . RADIO ASTRONOMY
 . . GAMMA RAY ASTRONOMY
 . SPACEBORNE ASTRONOMY
 . ULTRAVIOLET ASTRONOMY
 . . X RAY ASTRONOMY
 . . . X RAY SOURCES
RT ∞ AEROSPACE SCIENCES
AMOR ASTEROID
APOLLO ASTEROIDS
ASTROLABES
ASTROLOGY
ASTROMETRY
∞ ASTRONAUTICS
ASTRONOMICAL OBSERVATORIES
ASTRONOMICAL PHOTOGRAPHY
ASTRONOMICAL SPECTROSCOPY
ASTROPHYSICS
CELESTIAL BODIES
CELESTIAL MECHANICS
EARTH LIMB
GAMMA RAY TELESCOPES
INFRARED TELESCOPES
MASS TO LIGHT RATIOS
METEOROID SHOWERS
∞ PHYSICAL SCIENCES
RELIC RADIATION
∞ SCIENCE
SELENOLOGY
SIDEREAL TIME
SOLAR PARALLAX
SOUTHERN SKY
SPACEBORNE TELESCOPES
STELLAR MAGNITUDE
STELLAR MODELS
STELLAR OSCILLATIONS
TELESCOPES

ASTROPHYSICS

UF GEOASTROPHYSICS
GS ASTROPHYSICS
 . SOLAR PHYSICS
RT ASSOCIATION REACTIONS
ASTRONOMY
BRIGHTNESS DISTRIBUTION
BRIGHTNESS TEMPERATURE

ASTROPHYSICS-(CONT.)

CELESTIAL BODIES
CELESTIAL MECHANICS
COSMOLOGY
DENSE PLASMAS
DISK GALAXIES
GALACTIC EVOLUTION
GAMMA RAY ASTRONOMY
GRAVITATIONAL COLLAPSE
INTERSTELLAR EXTINCTION
MAGNETIC FIELD CONFIGURATIONS
MASS TO LIGHT RATIOS
MICHELSON INTERFEROMETERS
NAKED SINGULARITIES
ORION NEBULA
∞ PHYSICS
PLANETARY ROTATION
RADIO INTERFEROMETERS
RELIC RADIATION
SOLAR NEUTRINOS
STELLAR ENVELOPES
STELLAR EVOLUTION
STELLAR OSCILLATIONS
THEORETICAL PHYSICS
WOLF-RAYET STARS
X RAY ASTROPHYSICS FACILITY

ASTROPLANE

GS MANEUVERABLE SPACECRAFT
 . AEROSPACEPLANES
 . . . ASTROPLANE
 MANNED SPACECRAFT
 . AEROSPACEPLANES
 . . . ASTROPLANE
 REENTRY VEHICLES
 . RECOVERABLE SPACECRAFT
 . . . REUSABLE SPACECRAFT
 . . . AEROSPACEPLANES
 ASTROPLANE
 SOFT LANDING SPACECRAFT
 . AEROSPACEPLANES
 . . . ASTROPLANE
RT ASTRO VEHICLE
BOOSTGLIDE VEHICLES
HYPERSONIC AIRCRAFT
HYPERSONIC GLIDERS
LAUNCH VEHICLES
LIFTING REENTRY VEHICLES
LIQUID AIR CYCLE ENGINES
MILITARY SPACECRAFT
RESEARCH AIRCRAFT
ROCKET PLANES
X-20 AIRCRAFT

ASYMMETRY

UF DISSYMMETRY
RT ANTISYMMETRY
DEVIATION
DISTORTION
ECCENTRICITY
SHAPES
SKEWNESS
SYMMETRY
VARIATIONS

ASYMPTOTES

GS ANALYSIS (MATHEMATICS)
 . REAL VARIABLES
 . . . ASYMPTOTES
 FUNCTIONS (MATHEMATICS)
 . . . ASYMPTOTES
RT ANALYTIC GEOMETRY
ASYMPTOTIC SERIES
CALCULUS
NUMERICAL ANALYSIS

ASYMPTOTIC METHODS

GS PROBLEM SOLVING
 . ASYMPTOTIC METHODS
RT ITERATIVE SOLUTION
LEARNING CURVES

ASYMPTOTIC SERIES

GS ANALYSIS (MATHEMATICS)
 . CALCULUS
 . . . SERIES (MATHEMATICS)
 ASYMPTOTIC SERIES
 . . . REAL VARIABLES
 . . . SERIES (MATHEMATICS)
 ASYMPTOTIC SERIES
RT ASYMPTOTES
SERIES EXPANSION

ASYNCHRONOUS MOTORS

GS MOTORS

ATLAS AGENA B LAUNCH VEHICLE

ASYNCHRONOUS MOTORS-(CONT.)

. ELECTRIC MOTORS
. . . ASYNCHRONOUS MOTORS
RT INDUCTION MOTORS
SYNCHRONOUS MOTORS

ATAXIA

GS DISEASES
. ATAXIA
RT MUSCLES

ATAXITE

GS ROCKS
. ATAXITE
RT BRECCIA
SOILS

ATCHAFALAYA RIVER BASIN (LA)

GS LANDFORMS
. STRUCTURAL BASINS
. . . RIVER BASINS
. ATCHAFALAYA RIVER BASIN (LA)
RT LOUISIANA
RIVERS

ATELECTASIS

GS DISEASES
. ATELECTASIS
RT LUNGS

ATHENA ROCKET VEHICLE

GS ROCKET VEHICLES
. MULTISTAGE ROCKET VEHICLES
. . . ATHENA ROCKET VEHICLE
RT BE-3 ENGINE
REENTRY VEHICLES
SOLID PROPELLANT ROCKET ENGINES

ATHEROSCLEROSIS

USE ARTERIOSCLEROSIS

ATHLETES

RT COMPETITION
PHYSICAL EXERCISE
PHYSICAL FITNESS

ATHODYDS

USE RAMJET ENGINES

ATLANTA (GA)

GS CITIES
. ATLANTA (GA)
RT GEORGIA

ATLANTIC AIRCRAFT

USE BREGUET 1150 AIRCRAFT

ATLANTIC OCEAN

GS OCEANS
. ATLANTIC OCEAN
RT ACCORDION PROJECT
ASSATEAGUE ISLAND (MD-VA)
BERMUDA
BLOCK ISLAND SOUND (RI)
CAPE HATTERAS (NC)
CAPE VERDE
DELAWARE BAY (US)
ENGLISH CHANNEL
GARP ATLANTIC TROPICAL EXPERIMENT
GULF STREAM
LESSER ANTILLES
LOMONOSOV CURRENT
LONG ISLAND (NY)
OUTER BANKS (NC)
SARGASSO SEA
WALLOPS ISLAND
WEST INDIES

ATLAS ABLE 5 LAUNCH VEHICLE

GS LAUNCH VEHICLES
. ATLAS LAUNCH VEHICLES
. . . ATLAS ABLE 5 LAUNCH VEHICLE
ROCKET VEHICLES
. MULTISTAGE ROCKET VEHICLES
. . . ATLAS LAUNCH VEHICLES
. ATLAS ABLE 5 LAUNCH VEHICLE
RT LUNAR PROBES
SPACE PROBES

ATLAS AGENA B LAUNCH VEHICLE

GS LAUNCH VEHICLES
. ATLAS LAUNCH VEHICLES
. . . ATLAS AGENA B LAUNCH VEHICLE
ROCKET VEHICLES

ATLAS AGENA LAUNCH VEHICLES

ATLAS AGENA B LAUNCH VEHICLE-(CONT.)

.. MULTISTAGE ROCKET VEHICLES
 .. ATLAS LAUNCH VEHICLES
 ... ATLAS AGENA B LAUNCH VEHICLE
 RT AGENA ROCKET VEHICLES
 MARINER 2 SPACE PROBE
 MIDAS SATELLITES
 RANGER LUNAR PROBES
 RANGER 4 LUNAR PROBE
 XLR-81-BA-13 ENGINE

ATLAS AGENA LAUNCH VEHICLES

GS LAUNCH VEHICLES
 .. ATLAS LAUNCH VEHICLES
 ... ATLAS AGENA LAUNCH VEHICLES
 ROCKET VEHICLES
 .. MULTISTAGE ROCKET VEHICLES
 .. ATLAS LAUNCH VEHICLES
 ... ATLAS AGENA LAUNCH VEHICLES
 RT AGENA ROCKET VEHICLES
 ENVIRONMENTAL RESEARCH
 SATELLITES
 ERS 17
 MARINER PROGRAM
 MARINER 5 SPACE PROBE
 MARINER 6 SPACE PROBE
 OGO-A

ATLAS CENTAUR LAUNCH VEHICLE

GS LAUNCH VEHICLES
 .. ATLAS LAUNCH VEHICLES
 ... ATLAS CENTAUR LAUNCH VEHICLE
 .. CENTAUR LAUNCH VEHICLE
 ... ATLAS CENTAUR LAUNCH VEHICLE
 ROCKET VEHICLES
 .. CENTAUR LAUNCH VEHICLE
 ... ATLAS CENTAUR LAUNCH VEHICLE
 .. MULTISTAGE ROCKET VEHICLES
 .. ATLAS LAUNCH VEHICLES
 ... ATLAS CENTAUR LAUNCH VEHICLE
 RT CENTAUR PROJECT
 OAO 1
 OAO 2
 OAO 3
 RL-10 ENGINES
 SPACE SHUTTLE UPPER STAGE A
 SURVEYOR PROJECT
 SURVEYOR 1 LUNAR PROBE
 SURVEYOR 2 LUNAR PROBE
 SURVEYOR 3 LUNAR PROBE
 SURVEYOR 4 LUNAR PROBE
 SURVEYOR 5 LUNAR PROBE
 SURVEYOR 6 LUNAR PROBE
 SURVEYOR 7 LUNAR PROBE

ATLAS D ICBM

GS MISSILES
 .. BALLISTIC MISSILES
 .. INTERCONTINENTAL BALLISTIC
 MISSILES
 ... ATLAS ICBM
 ... ATLAS D ICBM
 .. SURFACE TO SURFACE MISSILES
 .. INTERCONTINENTAL BALLISTIC
 MISSILES
 ... ATLAS ICBM
 ... ATLAS D ICBM
 RT CENTAUR LAUNCH VEHICLE
 STANDARD LAUNCH VEHICLES
 VEGA LAUNCH VEHICLE

ATLAS E ICBM

GS MISSILES
 .. BALLISTIC MISSILES
 .. INTERCONTINENTAL BALLISTIC
 MISSILES
 ... ATLAS ICBM
 ... ATLAS E ICBM
 .. SURFACE TO SURFACE MISSILES
 .. INTERCONTINENTAL BALLISTIC
 MISSILES
 ... ATLAS ICBM
 ... ATLAS E ICBM

ATLAS F ICBM

GS MISSILES
 .. BALLISTIC MISSILES
 .. INTERCONTINENTAL BALLISTIC
 MISSILES
 ... ATLAS ICBM
 ... ATLAS F ICBM
 .. SURFACE TO SURFACE MISSILES
 .. INTERCONTINENTAL BALLISTIC
 MISSILES
 ... ATLAS ICBM

ATLAS F ICBM-(CONT.)

... ATLAS F ICBM

ATLAS G ICBM

GS MISSILES
 .. BALLISTIC MISSILES
 .. INTERCONTINENTAL BALLISTIC
 MISSILES
 ... ATLAS ICBM
 ... ATLAS G ICBM
 .. SURFACE TO SURFACE MISSILES
 .. INTERCONTINENTAL BALLISTIC
 MISSILES
 ... ATLAS ICBM
 ... ATLAS G ICBM

ATLAS ICBM

GS MISSILES
 .. BALLISTIC MISSILES
 .. INTERCONTINENTAL BALLISTIC
 MISSILES
 ... ATLAS ICBM
 ... ATLAS D ICBM
 ... ATLAS E ICBM
 ... ATLAS F ICBM
 ... ATLAS G ICBM
 .. SURFACE TO SURFACE MISSILES
 .. INTERCONTINENTAL BALLISTIC
 MISSILES
 ... ATLAS ICBM
 ... ATLAS D ICBM
 ... ATLAS E ICBM
 ... ATLAS F ICBM
 ... ATLAS G ICBM
 RT MA-2 ENGINE
 MA-3 ENGINE

ATLAS LAUNCH VEHICLES

UF SM-65 MISSILE
 GS LAUNCH VEHICLES
 .. ATLAS LAUNCH VEHICLES
 ... ATLAS ABLE 5 LAUNCH VEHICLE
 ... ATLAS AGENA B LAUNCH VEHICLE
 ... ATLAS AGENA LAUNCH VEHICLES
 ... ATLAS CENTAUR LAUNCH VEHICLE
 ... ATLAS SLV-3 LAUNCH VEHICLE
 ROCKET VEHICLES
 .. MULTISTAGE ROCKET VEHICLES
 ... ATLAS LAUNCH VEHICLES
 ... ATLAS ABLE 5 LAUNCH VEHICLE
 ... ATLAS AGENA B LAUNCH VEHICLE
 ... ATLAS AGENA LAUNCH VEHICLES
 ... ATLAS CENTAUR LAUNCH VEHICLE
 ... ATLAS SLV-3 LAUNCH VEHICLE
 RT EGO
 GEMINI PROJECT
 MA-5 ENGINE
 MARINER PROGRAM
 MERCURY FLIGHTS
 MERCURY MA-1 FLIGHT
 MERCURY MA-2 FLIGHT
 MERCURY MA-3 FLIGHT
 MERCURY MA-4 FLIGHT
 MERCURY MA-5 FLIGHT
 MERCURY MA-6 FLIGHT
 MERCURY MA-7 FLIGHT
 MERCURY MA-8 FLIGHT
 MERCURY MA-9 FLIGHT
 MERCURY PROJECT
 NOMAD LAUNCH VEHICLE
 OAO
 ORBITAL RENDEZVOUS
 RANGER PROJECT
 YLR-101-NA-13 ENGINE
 YLR-101-NA-15 ENGINE

ATLAS SLV-3 LAUNCH VEHICLE

UF STANDARD LAUNCH VEHICLE 3
 GS LAUNCH VEHICLES
 .. ATLAS LAUNCH VEHICLES
 ... ATLAS SLV-3 LAUNCH VEHICLE
 .. STANDARD LAUNCH VEHICLES
 ... ATLAS SLV-3 LAUNCH VEHICLE
 ROCKET VEHICLES
 .. MULTISTAGE ROCKET VEHICLES
 ... ATLAS LAUNCH VEHICLES
 ... ATLAS SLV-3 LAUNCH VEHICLE
 .. STANDARD LAUNCH VEHICLES
 ... ATLAS SLV-3 LAUNCH VEHICLE
 RT LIQUID PROPELLANT ROCKET ENGINES
 MA-5 ENGINE

ATLIT PROJECT

UF ADVANCED TECHNOLOGY LIGHT TWIN
 AIRCRAFT

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ATLIT PROJECT-(CONT.)

GS PROGRAMS
 .. NASA PROGRAMS
 .. ATLIT PROJECT
 .. PROJECTS
 ... ATLIT PROJECT
 RT GAW-1 AIRFOIL
 PA-34 SENECA AIRCRAFT

ATMOSPHERE EXPLORER A

USE EXPLORER 17 SATELLITE

ATMOSPHERE EXPLORER B

USE EXPLORER 32 SATELLITE

ATMOSPHERE EXPLORER C

USE EXPLORER 51 SATELLITE

ATMOSPHERE EXPLORER D

USE EXPLORER 54 SATELLITE

ATMOSPHERE EXPLORER E

USE EXPLORER 55 SATELLITE

∞ ATMOSPHERES

SN (USE OF A MORE SPECIFIC TERM IS
 RECOMMENDED-CONSULT THE TERMS
 LISTED BELOW)
 RT AIR
 ARGON-OXYGEN ATMOSPHERES
 ATMOSPHERIC PRESSURE
 CABIN ATMOSPHERES
 CONTROLLED ATMOSPHERES
 EARTH ATMOSPHERE
 ENVIRONMENTS
 EQUATORIAL ATMOSPHERE
 GAS MIXTURES
 GASES
 HELIUM-OXYGEN ATMOSPHERES
 HYPOBARIC ATMOSPHERES
 LIFE SUPPORT SYSTEMS
 METEOROLOGY
 MIDDLE ATMOSPHERE
 NEPTUNE ATMOSPHERE
 NONGRAY ATMOSPHERES
 NONGRAY GAS
 PLANETARY ATMOSPHERES
 PRIMITIVE EARTH ATMOSPHERE
 SATELLITE ATMOSPHERES
 SOLAR ATMOSPHERE
 STELLAR ATMOSPHERES
 URANUS ATMOSPHERE

ATMOSPHERIC & OCEANOGRAPHIC INFORM SYS

UF AOIPS
 GS DATA PROCESSING
 .. ATMOSPHERIC & OCEANOGRAPHIC
 INFORM SYS
 INFORMATION SYSTEMS
 .. ATMOSPHERIC & OCEANOGRAPHIC
 INFORM SYS
 RT AEROLOGY
 AIR WATER INTERACTIONS
 DATA SYSTEMS
 IMAGERY
 ISOTHERMS
 METEOROLOGICAL PARAMETERS
 METEOROLOGY
 MINICOMPUTERS
 OCEANOGRAPHIC PARAMETERS
 OCEANOGRAPHY
 ∞ SYSTEMS
 WEATHER

ATMOSPHERIC ABSORPTION

USE ATMOSPHERIC ATTENUATION

ATMOSPHERIC AND MAGNETOSPHERIC PAYLOAD

USE AMPS (SATELLITE PAYLOAD)

ATMOSPHERIC ATTENUATION

UF ATMOSPHERIC ABSORPTION
 ATTENUATION
 GS .. ATMOSPHERIC ATTENUATION
 .. AURORAL ABSORPTION
 RADIATION ABSORPTION
 .. ATMOSPHERIC ATTENUATION
 .. AURORAL ABSORPTION
 RT ACOUSTIC ATTENUATION
 ATMOSPHERIC LASERS
 COSMIC RAY ALBEDO
 ELECTROMAGNETIC ABSORPTION
 ELECTROMAGNETIC SCATTERING

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ATMOSPHERIC ATTENUATION-(CONT.)

ELECTROMAGNETIC WAVE
TRANSMISSION
INFRARED ABSORPTION
MOLECULAR ABSORPTION
PLANETARY ATMOSPHERES
RADAR ATTENUATION
RADAR TRANSMISSION
RADIO ATTENUATION
RADIO TRANSMISSION
SHOCK WAVE ATTENUATION
SHOCK WAVE PROPAGATION
THERMAL ABSORPTION
TRANSMISSION
WAVE ATTENUATION
WAVE PROPAGATION

ATMOSPHERIC BOUNDARY LAYER

GS BOUNDARY LAYERS
. **ATMOSPHERIC BOUNDARY LAYER**
RT AIR FLOW
AIR LAND INTERACTIONS
BOUNDARY LAYER FLOW
EKMAN LAYER
∞ LAYERS
PLANETARY BOUNDARY LAYER
PRIMITIVE EQUATIONS

ATMOSPHERIC CHEMISTRY

GS ENVIRONMENTAL CHEMISTRY
. **ATMOSPHERIC CHEMISTRY**
RT ACID RAIN
AEROTHERMOCHEMISTRY
AIR POLLUTION
AITKEN NUCLEI
ATMOSPHERIC EFFECTS
∞ CHEMISTRY
MIDDLE ATMOSPHERE
PHOTOCHEMICAL OXIDANTS
PHOTOCHEMICAL REACTIONS
PHYSICAL CHEMISTRY
SATELLITE ATMOSPHERES

ATMOSPHERIC CIRCULATION

UF WIND CIRCULATION
GS CIRCULATION
. **ATMOSPHERIC CIRCULATION**
RT ADVECTION
AIR CURRENTS
AIR LAND INTERACTIONS
AIR MASSES
ANNUAL VARIATIONS
ATMOSPHERIC GENERAL CIRCULATION
EXPERIMENT
BAROCLINIC INSTABILITY
CIRCUMPOLAR WESTERLIES
CLIMATOLOGY
EARTH ATMOSPHERE
GROUND WIND
INTERTROPICAL CONVERGENT ZONES
JET STREAMS (METEOROLOGY)
MERIDIONAL FLOW
MIDDLE ATMOSPHERE
MONSOONS
PLANETARY WAVES
POLLUTION TRANSPORT
SEA BREEZE
SUPERROTATION
TORNADOES
TROPICAL STORMS
TURBOPAUSE
TYPHOONS
UPWELLING WATER
VERTICAL AIR CURRENTS
VORTICITY
WIND (METEOROLOGY)
WIND DIRECTION
WIND PROFILES
WINDPOWER UTILIZATION

ATMOSPHERIC CLOUD PHYSICS LAB (SPACELAB)

UF ACPL (SPACELAB)
ZERO-G ACPL (SPACELAB)
GS LABORATORIES
. SPACE LABORATORIES
. **ATMOSPHERIC CLOUD PHYSICS LAB (SPACELAB)**
RT CLOUD PHYSICS
METEOROLOGICAL PARAMETERS
NEPHANALYSIS
SPACE SHUTTLES
SPACECRAFT INSTRUMENTS

ATMOSPHERIC COMPOSITION

GS COMPOSITION (PROPERTY)

ATMOSPHERIC COMPOSITION-(CONT.)

. **ATMOSPHERIC COMPOSITION**
. . . ATMOSPHERIC MOISTURE
. . . IONOSPHERIC COMPOSITION
RT AERONOMY
AIR
AIR POLLUTION
AITKEN NUCLEI
CARBON DIOXIDE CONCENTRATION
CHEMICAL COMPOSITION
EARTH ATMOSPHERE
ELECTRON DENSITY (CONCENTRATION)
EQUATORIAL ATMOSPHERE
GAS COMPOSITION
LACATE (EXPERIMENT)
MIDDLE ATMOSPHERE
MOISTURE CONTENT
PLANETARY ATMOSPHERES
PRIMITIVE EARTH ATMOSPHERE
RADIO OCCULTATION
RADIOACTIVE CONTAMINANTS
SATELLITE ATMOSPHERES
SATURN ATMOSPHERE
SOLAR MESOSPHERE EXPLORER
TITAN

ATMOSPHERIC CONDITIONS

USE METEOROLOGY

ATMOSPHERIC CONDUCTIVITY

GS TRANSPORT PROPERTIES
. **ATMOSPHERIC CONDUCTIVITY**
. . . IONOSPHERIC CONDUCTIVITY
RT AIR CONDUCTIVITY
∞ CONDUCTIVITY
ELECTRICAL RESISTIVITY
THERMAL CONDUCTIVITY

ATMOSPHERIC DENSITY

GS DENSITY (MASS/VOLUME)
. **ATMOSPHERIC DENSITY**
RT AIR POLLUTION
BOLTZMANN DISTRIBUTION
∞ DENSITY
DENSITY (NUMBER/VOLUME)
ELECTRON DENSITY (CONCENTRATION)
HUMIDITY
ION DENSITY (CONCENTRATION)
MAGNETOSPHERIC ELECTRON DENSITY
MAGNETOSPHERIC ION DENSITY
MAGNETOSPHERIC PROTON DENSITY
METEOROLOGY
PARTICLE DENSITY (CONCENTRATION)
PLANETARY ATMOSPHERES
PLASMA DENSITY
PROTON DENSITY (CONCENTRATION)
SPACE DENSITY

ATMOSPHERIC DIFFUSION

GS DIFFUSION
. **ATMOSPHERIC DIFFUSION**
RT BOLTZMANN DISTRIBUTION
MOLECULAR DIFFUSION
POLLUTION TRANSPORT
RADIO SCATTERING
TURBULENT DIFFUSION

ATMOSPHERIC EFFECTS

RT AEROSOLS
AIR POLLUTION
ATMOSPHERIC CHEMISTRY
∞ EFFECTS
EROSION
EXPOSURE
RUSTING
SOIL EROSION
TURBULENCE
WIND EFFECTS
WIND EROSION

ATMOSPHERIC ELECTRICITY

GS ELECTRICITY
. **ATMOSPHERIC ELECTRICITY**
. . . IONOSPHERIC CURRENTS
. ELECTROJETS
. AURORAL ELECTROJETS
. EQUATORIAL ELECTROJET
RT ATMOSPHERICS
BALL LIGHTNING
CLOUD PHYSICS
DUST STORMS
EARTH ATMOSPHERE
ELECTRIC CORONA
ELECTRON DENSITY PROFILES
LIGHTNING

ATMOSPHERIC IONIZATION

ATMOSPHERIC ELECTRICITY-(CONT.)

LIGHTNING SUPPRESSION
PRIMITIVE EARTH ATMOSPHERE
RING CURRENTS
STATIC ELECTRICITY
TELLURIC CURRENTS

ATMOSPHERIC EMISSION

USE AIRGLOW

ATMOSPHERIC ENERGY SOURCES

GS HYDROCARBON FUEL PRODUCTION
. **ATMOSPHERIC ENERGY SOURCES**
RT AMMONIA
∞ ENERGY SOURCES
ENERGY TECHNOLOGY
ETHYL ALCOHOL

ATMOSPHERIC ENTRY

UF PLANETARY ENTRY
GS **ATMOSPHERIC ENTRY**
. REENTRY
. . . HYPERBOLIC REENTRY
. . . HYPERSONIC REENTRY
. . . UNCONTROLLED REENTRY
(SPACECRAFT)
. . . MANNED REENTRY
. . . SPACECRAFT REENTRY
. . . UNCONTROLLED REENTRY
(SPACECRAFT)
RT ABLATION
AERODYNAMIC HEATING
BOLIDES
DESCENT TRAJECTORIES
EARTH ATMOSPHERE
∞ ENTRY
ENTRY GUIDANCE (STS)
FALLING
GALILEO PROJECT
GAS GUNS
ORBIT DECAY
SPACE FLIGHT

ATMOSPHERIC ENTRY SIMULATION

GS SIMULATION
. EXHAUST FLOW SIMULATION
. . **ATMOSPHERIC ENTRY SIMULATION**
RT ENVIRONMENT SIMULATION
FLIGHT SIMULATORS
LANDING SIMULATION
SPACE ENVIRONMENT SIMULATION

ATMOSPHERIC GENERAL CIRCULATION EXPERIMENT

GS PAYLOADS
. SPACE SHUTTLE PAYLOADS
. . SPACEBORNE EXPERIMENTS
. . . **ATMOSPHERIC GENERAL CIRCULATION EXPERIMENT**
. SPACELAB PAYLOADS
. . **ATMOSPHERIC GENERAL CIRCULATION EXPERIMENT**
RT ATMOSPHERIC CIRCULATION
EARTH ATMOSPHERE
SPACE TRANSPORTATION SYSTEM

ATMOSPHERIC HEAT BUDGET

GS ENERGY BUDGETS
. HEAT BUDGET
. . **ATMOSPHERIC HEAT BUDGET**
RT GREENHOUSE EFFECT
HEAT BALANCE
HEAT TRANSFER

ATMOSPHERIC HEATING

SN (EXCLUDES AERODYNAMIC HEATING)
GS HEATING
. **ATMOSPHERIC HEATING**
RT BOLIDES

ATMOSPHERIC IMPURITIES

USE AIR POLLUTION

ATMOSPHERIC IONIZATION

UF METEORITIC IONIZATION
GS IONIZATION
. GAS IONIZATION
. . **ATMOSPHERIC IONIZATION**
. . . AURORAL IONIZATION
RT AFTERGLOWS
AIRGLOW
ANTARES ROCKET VEHICLE
ELECTRON DENSITY PROFILES
IONOSPHERE

ATMOSPHERIC LASERS

ATMOSPHERIC IONIZATION-(CONT.)

PHOTOIONIZATION
PLASMASPHERE
RADIO METEORS
RIOMETERS

ATMOSPHERIC LASERS

GS STIMULATED EMISSION DEVICES
LASERS
RT ATMOSPHERIC LASERS
ATMOSPHERIC ATTENUATION
ATMOSPHERIC OPTICS
ATMOSPHERIC SCATTERING
LASER OUTPUTS
TEA LASERS

ATMOSPHERIC MODELS

GS MODELS
ATMOSPHERIC MODELS
BREADBOARD MODELS
DYNAMIC MODELS
REFERENCE ATMOSPHERES
RT BAROCLINIC INSTABILITY
ENVIRONMENT MODELS
ENVIRONMENT SIMULATION
MATHEMATICAL MODELS
NUMERICAL WEATHER FORECASTING
OCEAN MODELS
PRIMITIVE EARTH ATMOSPHERE
SOLAR OSCILLATIONS
STELLAR OSCILLATIONS
VENUS CLOUDS
WEATHER FORECASTING

ATMOSPHERIC MOISTURE

GS COMPOSITION (PROPERTY)
ATMOSPHERIC COMPOSITION
ATMOSPHERIC MOISTURE
CONCENTRATION (COMPOSITION)
MOISTURE CONTENT
RT ATMOSPHERIC MOISTURE
ACID RAIN
ANVIL CLOUDS
CAP CLOUDS
CIRROCUMULUS CLOUDS
CIRROSTRATUS CLOUDS
CLOUDS (METEOROLOGY)
DEW POINT
HUMIDITY
PRECIPITATION (METEOROLOGY)
PSYCHROMETERS
WATER VAPOR

ATMOSPHERIC NOISE

USE ATMOSPHERICS

ATMOSPHERIC OPTICS

RT ADAPTIVE OPTICS
ATMOSPHERIC LASERS
CLARITY
HAZE
INFRARED ABSORPTION
LIGHT TRANSMISSION
OPACITY
TRANSPARENCE

ATMOSPHERIC PHYSICS

UF AEROPHYSICS
GS ATMOSPHERIC PHYSICS
CLOUD PHYSICS
RT AERONOMY
DUST STORMS
INTERNATIONAL MAGNETOSPHERIC
STUDY
METEOROLOGY
NEUTRAL SHEETS
PHYSICS
SATELLITE ATMOSPHERES
SECULAR VARIATIONS
TURBOPAUSE

ATMOSPHERIC PRESSURE

UF BAROMETRIC PRESSURE
GS PRESSURE
ATMOSPHERIC PRESSURE
RT ANTICYCLONES
ATMOSPHERES
CYCLONES
GAS PRESSURE
GEOPOTENTIAL HEIGHT
HIGH ALTITUDE PRESSURE
ISOBARS (PRESSURE)
ISOSTATIC PRESSURE
PRESSURE GRADIENTS
RADIO OCCULTATION

ATMOSPHERIC PRESSURE-(CONT.) WEATHER

ATMOSPHERIC RADIATION

GS ATMOSPHERIC RADIATION
AURORAS
AURORAL ARCS
RED ARCS
RADIO AURORAS
DAWN CHORUS
IONOSPHERIC NOISE
WHISTLERS
SKY RADIATION
AIRGLOW
GEOCORONAL EMISSIONS
NIGHTGLOW
TWILIGHT GLOW
DAYGLOW
STRATOSPHERE RADIATION
TROPOSPHERIC RADIATION
RT CORPUSCULAR RADIATION
ELECTROMAGNETIC RADIATION
EXTRATERRESTRIAL RADIATION
GREENHOUSE EFFECT
IONOSPHERIC HEATING
LIGHT (VISIBLE RADIATION)
RADIATION
RAY
SECONDARY COSMIC RAYS
TERRESTRIAL RADIATION
VLF EMISSION RECORDERS

ATMOSPHERIC REFRACTION

GS REFRACTION
ATMOSPHERIC REFRACTION
RADIO WAVE REFRACTION
RT ELECTROMAGNETIC RADIATION
LIGHT TRANSMISSION
REFRACTIVITY
SOLAR RADIATION
WAVE DISPERSION

ATMOSPHERIC SCATTERING

GS SCATTERING
WAVE SCATTERING
ATMOSPHERIC SCATTERING
TROPOSPHERIC SCATTERING
RT ATMOSPHERIC LASERS
CIRCUMSOLAR RADIATION
DIFFRACTION
DIFFUSION
ELECTROMAGNETIC SCATTERING
HALOS
LIGHT SCATTERING
MICROWAVE SCATTERING
RADIO SCATTERING
SIGNAL FADING

ATMOSPHERIC SHELLS

USE ATMOSPHERIC STRATIFICATION

ATMOSPHERIC SOUNDING

GS SOUNDING
ATMOSPHERIC SOUNDING
RT BALLOON SOUNDING
IONOSPHERIC SOUNDING
ROCKET SOUNDING
SATELLITE SOUNDING
VISIBLE INFRARED SPIN SCAN
RADIOMETER

ATMOSPHERIC STRATIFICATION

UF ATMOSPHERIC SHELLS
GS STRATIFICATION
ATMOSPHERIC STRATIFICATION
RT PLASMA LAYERS
SURFACE LAYERS

ATMOSPHERIC TEMPERATURE

GS TEMPERATURE
ATMOSPHERIC TEMPERATURE
AURORAL TEMPERATURE
IONOSPHERIC TEMPERATURE
RT AMBIENT TEMPERATURE
GAS TEMPERATURE
ISOTHERMS
LACATE (EXPERIMENT)
PLANETARY ATMOSPHERES
PLANETARY TEMPERATURE
RADIO OCCULTATION
SODAR
SOUND DETECTING AND RANGING
SUBZERO TEMPERATURE
TEMPERATURE GRADIENTS
TEMPERATURE INVERSIONS

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ATMOSPHERIC TEMPERATURE-(CONT.) THERMAL RESOURCES WEATHER

ATMOSPHERIC TIDES

GS TIDES
ATMOSPHERIC TIDES
RT EARTH TIDES
LUNAR TIDES

ATMOSPHERIC TURBULENCE

GS TURBULENCE
ATMOSPHERIC TURBULENCE
CLEAR AIR TURBULENCE
GUSTS
LOW LEVEL TURBULENCE
RT DISSIPATION
GUST LOADS
HOMOGENEOUS TURBULENCE
ISOTROPIC TURBULENCE
LAMINAR FLOW
METEOROLOGICAL PARAMETERS
METEOROLOGY
TEPHIGRAMS
TURBOPAUSE
TURBULENT DIFFUSION
TURBULENT FLOW
WIND VARIATIONS

ATMOSPHERIC WINDOWS

RT ASTRONOMICAL PHOTOGRAPHY
ASTRONOMICAL PHOTOMETRY

ATMOSPHERICS

UF ATMOSPHERIC NOISE
SPHERICS
GS ELECTROMAGNETIC INTERFERENCE
RADIO FREQUENCY INTERFERENCE
BLACKOUT (PROPAGATION)
ELECTROMAGNETIC NOISE
ATMOSPHERICS
IONOSPHERICS
DAWN CHORUS
HISS
SUDDEN ENHANCEMENT OF
ATMOSPHERICS
WHISTLERS
RT ATMOSPHERIC ELECTRICITY
ELECTROMAGNETIC COMPATIBILITY
RADIO METEOROLOGY
RADIO WAVES
STATIC ELECTRICITY
THUNDERSTORMS
VLF EMISSION RECORDERS

ATOLL REEFS

USE CORAL REEFS

ATOLLS

GS LANDFORMS
ISLANDS
ATOLLS
RT CORAL REEFS
LAGOONS
REEFS

ATOM CONCENTRATION

GS COMPOSITION (PROPERTY)
CONCENTRATION (COMPOSITION)
ATOM CONCENTRATION
RT CHEMICAL COMPOSITION
DENSITY
ELECTRON DENSITY (CONCENTRATION)
FLUX DENSITY
GAS COMPOSITION
GAS DENSITY
ION DENSITY (CONCENTRATION)
IONOSPHERIC COMPOSITION
PLASMA COMPOSITION
PLASMA DENSITY
PROTON DENSITY (CONCENTRATION)

ATOMIC BATTERIES

USE RADIOISOTOPE BATTERIES

ATOMIC BEAMS

GS BEAMS (RADIATION)
PARTICLE BEAMS
ATOMIC BEAMS
RT ION BEAMS
MOLECULAR BEAMS
NEUTRAL ATOMS
NEUTRAL BEAMS
NEUTRON BEAMS

ATOMIC BEAMS-(CONT.)

PARTICLE DIFFUSION
RAREFIED GAS DYNAMICS

ATOMIC BOMBS

USE FISSION WEAPONS

ATOMIC CLOCKS

GS MEASURING INSTRUMENTS
. TIME MEASURING INSTRUMENTS
. CLOCKS
. . . **ATOMIC CLOCKS**
RT CHRONOMETERS
CLOCK PARADOX
FREQUENCY STANDARDS
GAS MASERS
MASERS
MOLECULAR BEAMS
TIME MEASUREMENT

ATOMIC COLLISIONS

GS COLLISIONS
. **ATOMIC COLLISIONS**
RT ∞ ABSORPTION
ATOMIZING
AUTOIONIZATION
AUTONOMOUS SPACECRAFT CLOCKS
∞ CROSS SECTIONS
ELASTIC SCATTERING
ELECTRON SCATTERING
∞ INTERACTIONS
IONIC COLLISIONS
IONIZATION
MOLECULAR COLLISIONS
PARTICLE COLLISIONS
RECOIL IONS
RECOMBINATION REACTIONS
SCATTERING

ATOMIC ENERGY

USE NUCLEAR ENERGY

ATOMIC ENERGY LEVELS

UF TRIPLET EXCITATION
TRIPLET STATE
GS LEVEL (QUANTITY)
. ENERGY LEVELS
. . . **ATOMIC ENERGY LEVELS**
RT EXCITATION
GROUND STATE
LANDAU FACTOR
LINE SPECTRA
SPONTANEOUS EMISSION

ATOMIC EXCITATIONS

GS EXCITATION
. **ATOMIC EXCITATIONS**
RT ENERGY LEVELS
HEISENBERG THEORY
IONIZATION
MOLECULAR EXCITATION
PARTICLE COLLISIONS
RESONANCE FLUORESCENCE

ATOMIC EXPLOSIONS

USE NUCLEAR EXPLOSIONS

ATOMIC GASES

USE MONATOMIC GASES

ATOMIC MASS

USE ATOMIC WEIGHTS

ATOMIC MOBILITIES

GS MOBILITY
. **ATOMIC MOBILITIES**
RT ELECTRON MOBILITY
HOLE MOBILITY
IONIC MOBILITY
SELF DIFFUSION (SOLID STATE)

ATOMIC PHYSICS

RT HARTREE-FOCK-SLATER METHOD
∞ PHYSICS
RESONANCE FLUORESCENCE

ATOMIC RECOMBINATION

GS CHEMICAL REACTIONS
. **ATOMIC RECOMBINATION**
. . . OXYGEN RECOMBINATION
RECOMBINATION REACTIONS
. **ATOMIC RECOMBINATION**
. . . OXYGEN RECOMBINATION
RT DEIONIZATION
DISSOCIATION

ATOMIC RECOMBINATION-(CONT.)

EMISSION
EMISSION SPECTRA
ION RECOMBINATION
RADIATIVE RECOMBINATION

ATOMIC SPECTRA

GS SPECTRA
. **ATOMIC SPECTRA**
RT BALMER SERIES
LYMAN ALPHA RADIATION
LYMAN BETA RADIATION
LYMAN SPECTRA
PASCHEN SERIES
RYDBERG SERIES

ATOMIC STRUCTURE

UF ELECTRONIC STRUCTURE
RT ATOMS
CONSTITUTION
CRYSTAL LATTICES
ELEMENTARY PARTICLES
ENERGY LEVELS
FINE STRUCTURE
GRAVITONS
HARTREE APPROXIMATION
HYPERFINE STRUCTURE
INTERATOMIC FORCES
ISOELECTRONIC SEQUENCE
MELTS (CRYSTAL GROWTH)
MOLECULAR STRUCTURE
NUCLEAR CHEMISTRY
NUCLEAR MODELS
NUCLEAR PHYSICS
OCTETS
ORDER-DISORDER TRANSFORMATIONS
PARTICLE PRECIPITATION
PAULI EXCLUSION PRINCIPLE
POLYWATER
∞ STRUCTURES
THOMAS-FERMI MODEL

ATOMIC THEORY

GS **ATOMIC THEORY**
. HEISENBERG THEORY
RT ELECTRON TRANSITIONS
GROUND STATE
LANDAU FACTOR
∞ NUCLEAR ENERGY
QUANTUM THEORY
∞ THEORIES

ATOMIC WEIGHTS

UF ATOMIC MASS
GS WEIGHT (MASS)
. **ATOMIC WEIGHTS**
RT ∞ WEIGHT

ATOMIZATION

USE ATOMIZING

ATOMIZERS

RT ATOMIZING
EVAPORATORS
GRINDING MILLS
∞ NOZZLES
SPRAYERS

ATOMIZING

UF ATOMIZATION
GS **ATOMIZING**
. GAS ATOMIZATION
. LIQUID ATOMIZATION
RT AEROSOLS
ATOMIC COLLISIONS
ATOMIZERS
COLLOIDAL GENERATORS
COLLOIDING
COMMUNITION
DISINTEGRATION
FLAKING
GRINDING (COMMUNITION)
GRINDING MILLS
METAL POWDER
SPRAYING

ATOMS

GS **ATOMS**
. HELIUM ATOMS
. HOT ATOMS
. HYDROGEN ATOMS
. METASTABLE ATOMS
. NEUTRAL ATOMS
. NITROGEN ATOMS
. OXYGEN ATOMS

ATOMS-(CONT.)

RT RECOIL ATOMS
ATOMIC STRUCTURE
CHEMICAL ELEMENTS
∞ ELEMENTS
FREE RADICALS
IONS
ISOMERS
ISOTOPE SEPARATION
ISOTOPES
MOLECULES
MONATOMIC MOLECULES
NUCLEI (NUCLEAR PHYSICS)
POLYATOMIC MOLECULES
POSITIVE IONS
POSITRONIUM

ATP

USE ADENOSINE TRIPHOSPHATE

ATR REACTOR

USE ADVANCED TEST REACTORS

ATROPHY

RT BIOLOGICAL EFFECTS
DEGENERATION
DETERIORATION
NUTRITIONAL REQUIREMENTS
TISSUES (BIOLOGY)

ATROPINE

GS DRUGS
. STIMULANTS
. . . **ATROPINE**
HETEROCYCLIC COMPOUNDS
. ALKALOIDS
. . . **ATROPINE**
NITROGEN COMPOUNDS
. ALKALOIDS
. . . **ATROPINE**

ATS

UF APPLICATIONS TECHNOLOGY
SATELLITES
GS SATELLITES
. ARTIFICIAL SATELLITES
. . . GRAVITY GRADIENT SATELLITES
. . . **ATS**
. . . . ATS 1
. . . . ATS 2
. . . . ATS 3
. . . . ATS 4
. . . . ATS 5
. . . . ATS 6
. . . . ATS 7
. . . . ATS 8
. EARTH SATELLITES
. **ATS**
. . . ATS 1
. . . ATS 2
. . . ATS 3
. . . ATS 4
. . . ATS 5
. . . ATS 6
. . . ATS 7
. . . ATS 8
. . . **ATS**
. . . **ATS**
. . . . ATS 1
. . . . ATS 2
. . . . ATS 3
. . . . ATS 4
. . . . ATS 5
. . . . ATS 6
. . . . ATS 7
. . . . ATS 8
RT COMMUNICATION SATELLITES
EARLY BIRD SATELLITES
METEOROLOGICAL SATELLITES
NAVIGATION SATELLITES
NAVSTAR SATELLITES

ATS 1
GS SATELLITES
. ARTIFICIAL SATELLITES
. . . GRAVITY GRADIENT SATELLITES
. . . **ATS**
. . . . **ATS 1**
. . . . EARTH SATELLITES
. . . **ATS**
. . . . **ATS 1**
. . . . SCIENTIFIC SATELLITES
. . . **ATS**
. . . . **ATS 1**

ATS 2

ATS 2
GS SATELLITES
 . ARTIFICIAL SATELLITES
 . GRAVITY GRADIENT SATELLITES
 **ATS 2**
 . EARTH SATELLITES
 **ATS 2**
 . SCIENTIFIC SATELLITES
 **ATS 2**

ATS 3
GS SATELLITES
 . ARTIFICIAL SATELLITES
 . GRAVITY GRADIENT SATELLITES
 **ATS 3**
 . EARTH SATELLITES
 **ATS 3**
 . SCIENTIFIC SATELLITES
 **ATS 3**

ATS 4
GS SATELLITES
 . ARTIFICIAL SATELLITES
 . GRAVITY GRADIENT SATELLITES
 **ATS 4**
 . EARTH SATELLITES
 **ATS 4**
 . SCIENTIFIC SATELLITES
 **ATS 4**

ATS 5
GS SATELLITES
 . ARTIFICIAL SATELLITES
 . GRAVITY GRADIENT SATELLITES
 **ATS 5**
 . EARTH SATELLITES
 **ATS 5**
 . SCIENTIFIC SATELLITES
 **ATS 5**

ATS 6
GS SATELLITES
 . ARTIFICIAL SATELLITES
 . GRAVITY GRADIENT SATELLITES
 **ATS 6**
 . EARTH SATELLITES
 **ATS 6**
 . SCIENTIFIC SATELLITES
 **ATS 6**

RT HET EXPERIMENT

ATS 7
GS SATELLITES
 . ARTIFICIAL SATELLITES
 . GRAVITY GRADIENT SATELLITES
 **ATS 7**
 . EARTH SATELLITES
 **ATS 7**
 . SCIENTIFIC SATELLITES
 **ATS 7**

ATS 8
GS SATELLITES
 . ARTIFICIAL SATELLITES
 . GRAVITY GRADIENT SATELLITES
 **ATS 8**
 . EARTH SATELLITES
 **ATS 8**
 . SCIENTIFIC SATELLITES
 **ATS 8**

ATSAN MISSILES
GS MISSILES
 . **ATSAN MISSILES**

ATTACHMENT
SN (USE OF A MORE SPECIFIC TERM IS
 RECOMMENDED--CONSULT THE TERMS
 LISTED BELOW)
UF REATTACHMENT
RT ASSEMBLING
 COANDA EFFECT
 MOUNTING
 REATTACHED FLOW

ATTACHMENTS
USE ACCESSORIES

ATTACK
SN (USE OF A MORE SPECIFIC TERM IS
 RECOMMENDED--CONSULT THE TERMS
 LISTED BELOW)
RT ATTACKING (ASSAULTING)
 CHEMICAL ATTACK

ATTACK AIRCRAFT
GS **ATTACK AIRCRAFT**
 . A-1 AIRCRAFT
 . A-7 AIRCRAFT
 . A-9 AIRCRAFT
 . A-10 AIRCRAFT
 . A-37 AIRCRAFT
 . AH-63 HELICOPTER
 . AH-64 HELICOPTER
 . BOMBER AIRCRAFT
 . A-2 AIRCRAFT
 . A-3 AIRCRAFT
 . A-4 AIRCRAFT
 . A-5 AIRCRAFT
 . A-6 AIRCRAFT
 . B-1 AIRCRAFT
 . B-26 AIRCRAFT
 . B-47 AIRCRAFT
 . B-50 AIRCRAFT
 . B-52 AIRCRAFT
 . B-57 AIRCRAFT
 . B-58 AIRCRAFT
 . B-66 AIRCRAFT
 . B-70 AIRCRAFT
 . CL-28 AIRCRAFT
 . F-100 AIRCRAFT
 . IL-28 AIRCRAFT
 . SHACKLETON BOMBER
 . VALIANT AIRCRAFT
 . VICTOR MK-1 AIRCRAFT
 . VULCAN AIRCRAFT
 . BREGUET 1150 AIRCRAFT
 . BUCCANEER AIRCRAFT
 . CL-41 AIRCRAFT
 . DH 110 AIRCRAFT
 . DH 112 AIRCRAFT
 . DH 115 AIRCRAFT
 . FIGHTER AIRCRAFT
 . ALPHA JET AIRCRAFT
 . F-2 AIRCRAFT
 . F-4 AIRCRAFT
 . F-5 AIRCRAFT
 . F-8 AIRCRAFT
 . F-9 AIRCRAFT
 . F-14 AIRCRAFT
 . F-15 AIRCRAFT
 . F-16 AIRCRAFT
 . F-17 AIRCRAFT
 . F-18 AIRCRAFT
 . F-27 AIRCRAFT
 . F-84 AIRCRAFT
 . F-86 AIRCRAFT
 . F-89 AIRCRAFT
 . F-94 AIRCRAFT
 . F-100 AIRCRAFT
 . F-101 AIRCRAFT
 . F-102 AIRCRAFT
 . F-104 AIRCRAFT
 . F-105 AIRCRAFT
 . F-106 AIRCRAFT
 . F-111 AIRCRAFT
 . FV-12A AIRCRAFT
 . G-91 AIRCRAFT
 . G-95/4 AIRCRAFT
 . GA-5 AIRCRAFT
 . JAGUAR AIRCRAFT
 . JET PROVOST AIRCRAFT
 . MIG AIRCRAFT
 . MIRAGE AIRCRAFT
 MIRAGE 3 AIRCRAFT
 . P-16 AIRCRAFT
 . P-51 AIRCRAFT
 . P-1127 AIRCRAFT
 . P-1154 AIRCRAFT
 . SAAB 37 AIRCRAFT

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ATTACK AIRCRAFT--(CONT.)
 . SCIMITAR AIRCRAFT
 . VAMPIRE MK 35 AIRCRAFT
 . VJ-101 AIRCRAFT
 . YF-12 AIRCRAFT
 . YF-16 AIRCRAFT
 . OV-10 AIRCRAFT
 . P-308 AIRCRAFT
 . P-1067 AIRCRAFT
 . SUNDERLAND 5 FLYING BOAT
 . T-2 AIRCRAFT
 . TSR-2 AIRCRAFT
RT AEROQUATIC VEHICLES
 . AIRCRAFT
 . ANTISUBMARINE WARFARE AIRCRAFT
 . JET AIRCRAFT
 . MILITARY AIRCRAFT
 . MILITARY HELICOPTERS
 . MRCA AIRCRAFT
 . SUPERSONIC AIRCRAFT
 . TERRAIN FOLLOWING AIRCRAFT
 . V/STOL AIRCRAFT

ATTACKING (ASSAULTING)
UF ASSAULTING
GS VIOLENCE
 . **ATTACKING (ASSAULTING)**
RT . **ATTACK**
 . MILITARY AIRCRAFT
 . TACTICS
 . WARFARE

ATTENTION
RT ALERTNESS
 CONSCIOUSNESS

ATTENUATION
GS **ATTENUATION**
 . ACOUSTIC ATTENUATION
 . SHOCK WAVE ATTENUATION
 . ATMOSPHERIC ATTENUATION
 . AUROREAL ABSORPTION
 . MICROWAVE ATTENUATION
 . SIDELOBE REDUCTION
 . WAVE ATTENUATION
 . RADAR ATTENUATION
 . RADIO ATTENUATION
 MANDELSTAM REPRESENTATION
 . SHOCK WAVE ATTENUATION
RT . **ABSORPTION**
 . ATTENUATORS
 . CONDUCTION
 . DAMPING
 . DIFFRACTION
 . DILUTION
 . DISSIPATION
 . ELECTROMAGNETIC ABSORPTION
 . ELECTROMAGNETIC WAVE
 . TRANSMISSION
 . ELIMINATION
 . FADING
 . IMPINGEMENT
 . INHIBITION
 . INTERNAL FRICTION
 . LIGHT (VISIBLE RADIATION)
 . MECHANICAL IMPEDANCE
 . PROPAGATION
 . REDUCTION
 . RETARDING
 . SHIELDING
 . SIGNAL FADING
 . SIGNAL TO NOISE RATIOS
 . SOUND PROPAGATION
 . SOUND TRANSMISSION
 . SPATIAL FILTERING
 . TRANSMISSION
 . TRANSMISSION LOSS
 . TRANSMITTERS
 . VIBRATION DAMPING
 . WAVE DEGRADATION
 . WAVE DIFFRACTION
 . WAVE DISPERSION
 . WAVE PROPAGATION

ATTENUATION COEFFICIENTS
GS COEFFICIENTS
 . **ATTENUATION COEFFICIENTS**
RT DIFFUSION COEFFICIENT
 FLOW COEFFICIENTS
 IMPEDANCE
 OPACITY
 REFLECTANCE
 SCATTERING COEFFICIENTS
 TRANSMISSION EFFICIENCY
 TRANSMITTANCE

ATTENUATORS

- GS **ATTENUATORS**
 - . RESISTORS
 - . . POTENTIOMETERS (RESISTORS)
 - . . PRINTED RESISTORS
 - . . THERMISTORS
- RT ∞ **ABSORBERS**
 - ABSORBERS (MATERIALS)
 - ATTENUATION
 - BAFFLES
 - DEFLECTORS
- ∞ **DIFFUSERS**
 - ELECTROMAGNETIC WAVE FILTERS
 - EQUALIZERS (CIRCUITS)
- ∞ **FILTERS**
 - INSULATORS
 - INVERTERS
 - ISOLATORS
 - MUFFLERS
 - POWER LIMITERS
 - RADIATION SHIELDING
 - REFLECTORS
 - SHIELDING
 - SILENCERS
 - SUPPRESSORS

ATTITUDE (INCLINATION)

- UF SPATIAL ORIENTATION
- TILT
- TILTING
- GS **ATTITUDE (INCLINATION)**
 - . PITCH (INCLINATION)
 - . ROLL
 - . SATELLITE ORIENTATION
 - . YAW
- RT HORIZONTAL ORIENTATION
- INSTRUMENT ORIENTATION
- MISALIGNMENT
- ∞ **MOTION**
- ∞ **ORIENTATION**
- ∞ **POSITION**
- ∞ **SPACE ORIENTATION**
 - STABILITY AUGMENTATION
 - TILTMETERS
 - VERTICAL ORIENTATION

ATTITUDE CONTROL

- GS **ATTITUDE CONTROL**
 - . DIRECTIONAL CONTROL
 - . . THRUST VECTOR CONTROL
 - . . LATERAL CONTROL
 - . . LONGITUDINAL CONTROL
 - . SATELLITE ATTITUDE CONTROL
- RT AIR TRAFFIC CONTROL
- AIRCRAFT CONTROL
- AUTOMATIC CONTROL
- COLD GAS
- ∞ **CONTROL**
 - CONTROL MOMENT GYROSCOPES
 - FLIGHT CONTROL
 - GUIDANCE SENSORS
 - HELICOPTER CONTROL
 - HORIZON SCANNERS
 - MAGNETIC CONTROL
 - MANUAL CONTROL
 - MIRANDA SATELLITE
 - MISSILE CONTROL
 - ORBITAL LIFETIME
 - REACTION WHEELS
 - REMOTE CONTROL
 - ROCKET ENGINE CONTROL
 - SATELLITE CONTROL
 - SOLAR SENSORS
 - SPACECRAFT CONTROL
 - SPACING
 - SPIN STABILIZATION
 - STAR TRACKERS
 - THRUST CONTROL
 - TRAJECTORY CONTROL
 - VISUAL CONTROL

ATTITUDE GYROS

- GS GYROSCOPES
 - . **ATTITUDE GYROS**
 - . . GYRO HORIZONS
- RT CONTROL MOMENT GYROSCOPES
- SEA KEEPING

ATTITUDE INDICATORS

- UF HELICOPTER ATTITUDE INDICATORS
- YAWMETERS
- GS AIRCRAFT INSTRUMENTS
 - . **ATTITUDE INDICATORS**
 - . . GYRO HORIZONS
 - FLIGHT INSTRUMENTS

ATTITUDE INDICATORS-(CONT.)

- . **ATTITUDE INDICATORS**
 - . . GYRO HORIZONS
 - MEASURING INSTRUMENTS
 - INDICATING INSTRUMENTS
 - . . **ATTITUDE INDICATORS**
 - . . . GYRO HORIZONS
- RT CONTROL MOMENT GYROSCOPES
- FLIGHT CONTROL
- NAVIGATION AIDS

ATTITUDE STABILITY

- UF SATELLITE ATTITUDE DISTURBANCE
- GS DYNAMIC CHARACTERISTICS
 - . DYNAMIC STABILITY
 - . . MOTION STABILITY
 - . . . **ATTITUDE STABILITY**
 - DIRECTIONAL STABILITY
 - GYROSCOPIC STABILITY
 - LATERAL STABILITY
 - LONGITUDINAL STABILITY
- STABILITY
 - . DYNAMIC STABILITY
 - . . MOTION STABILITY
 - . . . **ATTITUDE STABILITY**
 - DIRECTIONAL STABILITY
 - GYROSCOPIC STABILITY
 - LATERAL STABILITY
 - LONGITUDINAL STABILITY
- RT AERODYNAMIC STABILITY
- AIRCRAFT STABILITY
- DISCOS (SATELLITE ATTITUDE CONTROL)
- HOVERING STABILITY
- LOW SPEED STABILITY
- SATELLITE ATTITUDE CONTROL
- SPACECRAFT MOTION
- SPACECRAFT STABILITY
- TUMBLING MOTION

ATTRACTION

- RT AFFINITY
- ∞ FORCE

ATTRIBUTES

- USE PROPERTIES

ATTRITION (MATERIALS)

- USE COMMINUTION

AUDIO EQUIPMENT

- GS **AUDIO EQUIPMENT**
 - . EARPHONES
 - . LOUDSPEAKERS
 - . MICROPHONES
- RT ∞ **EQUIPMENT**
 - MONAURAL SIGNALS

AUDIO FREQUENCIES

- SN (APPROXIMATELY 20 TO 20,000 HZ)
- GS FREQUENCIES
 - . **AUDIO FREQUENCIES**
 - . . QUEFRENCIES
- RT ACOUSTIC MEASUREMENT
- AUDITORY PERCEPTION
- CERSTRAL ANALYSIS
- EXTREMELY LOW RADIO FREQUENCIES
- MONAURAL SIGNALS
- NOISE POLLUTION
- RADIO FREQUENCIES
- SOUND GENERATORS
- SOUND TRANSMISSION
- SOUND WAVES
- VERY LOW FREQUENCIES
- VOICE

AUDIO VISUAL EQUIPMENT

- USE TRAINING DEVICES
- VISUAL AIDS

AUDIOLOGY

- GS PHYSIOLOGY
 - . **AUDIOLOGY**
- RT AUDIOLOGY
- AUDIOMETRY
- AUDITORY FATIGUE
- AUDITORY PERCEPTION
- HEARING

AUDIOMETRY

- RT ACOUSTIC MEASUREMENT
- AUDIOLOGY
- AUDITORY DEFECTS
- AUDITORY FATIGUE
- AUDITORY PERCEPTION

AUDIOMETRY-(CONT.)

- AUDITORY STIMULI
- HEARING
- MASKING
- ∞ MEASUREMENT
- THRESHOLDS (PERCEPTION)

AUDITORY DEFECTS

- UF DEAFNESS
- HEARING LOSS
- DEFECTS
- GS **AUDITORY DEFECTS**
- RT AUDIOLOGY
- BIOACOUSTICS
- LOSSES
- AUDITORY FATIGUE**
 - GS FATIGUE (BIOLOGY)
 - . **AUDITORY FATIGUE**
- RT AUDIOLOGY
- AUDIOMETRY
- HEARING
- NOISE THRESHOLD

AUDITORY PERCEPTION

- UF SOUND PERCEPTION
- PERCEPTION
- GS **AUDITORY PERCEPTION**
- RT ACOUSTICS
- AUDIO FREQUENCIES
- AUDIOLOGY
- AUDIOMETRY
- BINAURAL HEARING
- EAR
- EARPHONES
- MONAURAL SIGNALS
- NOISE THRESHOLD
- PSYCHOACOUSTICS
- SENSITIVITY
- SOUND LOCALIZATION
- SOUND WAVES
- SPEECH
- THRESHOLDS (PERCEPTION)
- WEBER TEST

AUDITORY SENSATION AREAS

- RT THRESHOLDS (PERCEPTION)

AUDITORY SIGNALS

- UF CHIMES
- RT BELLS
- CUES
- HORNS
- MONAURAL SIGNALS
- PSYCHOACOUSTICS
- SIGNAL MIXING
- ∞ SIGNALS
- WARNING
- WARNING SYSTEMS

AUDITORY STIMULI

- GS STIMULATION
 - . **AUDITORY STIMULI**
- RT ACOUSTICS
- AUDIOMETRY
- NOISE (SOUND)
- NOISE INTENSITY
- SOUND GENERATORS
- SOUND INTENSITY
- ∞ STIMULI
- THRESHOLDS (PERCEPTION)

AUDITORY TASKS

- GS TASKS
 - . **AUDITORY TASKS**
- RT ACOUSTICS
- HEARING
- NOISE (SOUND)

AUFEIS (ICE)

- RT ICE
- MELTING
- PERMAFROST
- RIVERS

AUGER EFFECT

- RT COSMIC RAY SHOWERS
- ∞ EFFECTS
- ELECTRON TRANSITIONS

AUGER SPECTROSCOPY

- GS SPECTROSCOPY
 - . **AUGER SPECTROSCOPY**
- RT CHEMICAL ANALYSIS

AUGMENTATION

AUGER SPECTROSCOPY-(CONT.)

ELECTRON TRANSITIONS
SPECTROSCOPIC ANALYSIS
THERMITES

AUGMENTATION

UF ENHANCEMENT
GS **AUGMENTATION**
 . STABILITY AUGMENTATION
 . THRUST AUGMENTATION
RT INCREASING
 SPATIAL FILTERING

AURIGA CONSTELLATION

GS CONSTELLATIONS
 . **AURIGA CONSTELLATION**
RT ZETA AURIGAE STAR

AURORA 7

GS MANNED SPACECRAFT
 . MERCURY SPACECRAFT
 . **AURORA 7**
 REENTRY VEHICLES
 . RECOVERABLE SPACECRAFT
 . MERCURY SPACECRAFT
 . **AURORA 7**
 SOFT LANDING SPACECRAFT
 . MERCURY SPACECRAFT
 . **AURORA 7**
 SPACE CAPSULES
 . MERCURY SPACECRAFT
 . **AURORA 7**
RT MERCURY MA-7 FLIGHT

AURORAL ABSORPTION

GS ATTENUATION
 . ATMOSPHERIC ATTENUATION
 . **AURORAL ABSORPTION**
 ENERGY ABSORPTION
 . ELECTROMAGNETIC ABSORPTION
 . **AURORAL ABSORPTION**
 RADIATION ABSORPTION
 . ATMOSPHERIC ATTENUATION
 . **AURORAL ABSORPTION**
 . ELECTROMAGNETIC ABSORPTION
 . **AURORAL ABSORPTION**
RT LIGHT EMISSION
 RIOMETERS

AURORAL ACTIVITY

USE AURORAS

AURORAL ARCS

GS ATMOSPHERIC RADIATION
 . AURORAS
 . **AURORAL ARCS**
 . . . RED ARCS
RT ∞ ARCS

AURORAL ECHOES

GS ECHOES
 . **AURORAL ECHOES**
RT RADAR ECHOES
 RADIO ECHOES

AURORAL ELECTROJETS

GS ELECTRIC CURRENT
 . IONOSPHERIC CURRENTS.
 . ELECTROJETS
 . **AURORAL ELECTROJETS**
 ELECTRICITY
 . ATMOSPHERIC ELECTRICITY
 . IONOSPHERIC CURRENTS
 . . . ELECTROJETS
 . . . **AURORAL ELECTROJETS**
RT EQUATORIAL ELECTROJET
 TELLURIC CURRENTS

AURORAL IONIZATION

GS IONIZATION
 . GAS IONIZATION
 . . . ATMOSPHERIC IONIZATION
 . . . **AURORAL IONIZATION**
RT AURORAS
 EXCITATION
 LIGHT EMISSION
 PHOTOIONIZATION
 RED ARCS

AURORAL IRRADIATION

GS IRRADIATION
 . **AURORAL IRRADIATION**
RT AURORAS
 ELECTRON IRRADIATION

AURORAL IRRADIATION-(CONT.)

EXCITATION
ION IRRADIATION
PHOTOIONIZATION

AURORAL SPECTROSCOPY

GS SPECTROSCOPY
 . **AURORAL SPECTROSCOPY**
RT CHANNEL MULTIPLIERS
 FABRY-PEROT SPECTROMETERS
 LIGHT EMISSION
 OPTICAL EMISSION SPECTROSCOPY
 SPECTROSCOPIC ANALYSIS
 VISIBLE SPECTRUM

AURORAL TEMPERATURE

GS TEMPERATURE
 . ATMOSPHERIC TEMPERATURE
 . **AURORAL TEMPERATURE**
RT AURORAS
 ION TEMPERATURE
 IONOSPHERIC TEMPERATURE

AURORAL ZONES

GS REGIONS
 . **AURORAL ZONES**
RT AURORAS
 MAGNETIC POLES
 POLAR RADIO BLACKOUT
 POLAR REGIONS

AURORAS

UF AURORAL ACTIVITY
 POLAR AURORAS
GS ATMOSPHERIC RADIATION
 . **AURORAS**
 . . . AURORAL ARCS
 . . . RED ARCS
 . . . RADIO AURORAS
RT AERONOMY
 AIRGLOW
 AURORAL IONIZATION
 AURORAL IRRADIATION
 AURORAL TEMPERATURE
 AURORAL ZONES
 DAWN CHORUS
 EARTH ATMOSPHERE
 ELECTRON PRECIPITATION
 ESRO 4 SATELLITE
 LIGHT EMISSION
 MAGNETIC DISTURBANCES
 NIGHT SKY
 PROTON PRECIPITATION
 SKY BRIGHTNESS
 SOLAR ACTIVITY
 X RAYS

AUSFORMING

GS FORMING TECHNIQUES
 . **AUSFORMING**
 METAL WORKING
 . **AUSFORMING**
RT FORGING
 ∞ ROLLING

AUSTENITE

RT ALLOTROPY
 FERRITES
 IRON ALLOYS
 MARTENSITE
 MARTENSITIC TRANSFORMATION
 MICROSTRUCTURE
 STEELS

AUSTENITIC STAINLESS STEELS

GS ALLOYS
 . IRON ALLOYS
 . . . STEELS
 . . . STAINLESS STEELS
 . . . **AUSTENITIC STAINLESS STEELS**
RT MARTENSITIC STAINLESS STEELS

AUSTIN CELL

RT ∞ CELLS

AUSTRALIA

GS CONTINENTS
 . **AUSTRALIA**
RT NATIONS
 TASMANIA
 TORRES STRAIT

AUSTRALITES

GS CELESTIAL BODIES

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AUSTRALITES-(CONT.)

. METEORITES
. . . STONY METEORITES
. TEKTITES
. **AUSTRALITES**
RT BEDIASITES

AUSTRIA

RT ALPS MOUNTAINS (EUROPE)
 CENTRAL EUROPE
 EUROPE
 NATIONS

AUTOCATALYSIS

GS CATALYSIS
 . **AUTOCATALYSIS**

AUTOClaves

RT AUTOCLAVING
 CHEMICAL REACTORS
 ∞ CONTAINERS
 PRESSURE VESSELS

AUTOCCLAVING

RT AUTOCLAVES
 CURING
 HEATING
 LEACHING
 POWDER METALLURGY

AUTOCODERS

GS LANGUAGES
 . PROGRAMMING LANGUAGES
 . . . ASSEMBLY LANGUAGE
 . . . **AUTOCODERS**
RT COMPILERS
 COMPUTER PROGRAMMING
 COMPUTER SYSTEMS PROGRAMS
 MACHINE ORIENTED LANGUAGES

AUTOCOLLIMATORS

USE COLLIMATORS

AUTOCORRELATION

GS CORRELATION
 . **AUTOCORRELATION**
RT CROSS CORRELATION
 DATA CORRELATION
 FOURIER ANALYSIS
 PERIODIC VARIATIONS
 TIME SERIES ANALYSIS

AUTODYNES

GS CIRCUITS
 . **AUTODYNES**
 OSCILLATORS
 . **AUTODYNES**
RT ∞ DETECTORS
 FREQUENCY CONTROL
 HETERODYNING
 SIGNAL ANALYZERS
 SIGNAL DETECTION
 SIGNAL DETECTORS
 VACUUM TUBE OSCILLATORS

AUTOGYROS

GS V/STOL AIRCRAFT
 . ROTARY WING AIRCRAFT
 . **AUTOGYROS**
 . . . AVIAN 2/180 AUTOGIRO
 . . . BENSON B-8M AUTOGIRO
 . . . WA-116 AUTOGIRO

AUTOIONIZATION

GS DISSOCIATION
 . **AUTOIONIZATION**
 IONIZATION
 . **AUTOIONIZATION**
RT ATOMIC COLLISIONS

AUTOKINESIS

GS PERCEPTION
 . SENSORY PERCEPTION
 . . . PROPRIOCEPTION
 . . . **AUTOKINESIS**
 . . . VISUAL PERCEPTION
 . . . SPACE PERCEPTION
 **AUTOKINESIS**

AUTOMATA THEORY

RT ADAPTIVE CONTROL
 ARTIFICIAL INTELLIGENCE
 ∞ AUTOMATION
 BIONICS

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AUTOMATA THEORY-(CONT.)

COMPUTERS
CYBERNETICS
DEPERSONALIZATION
HEURISTIC METHODS
INFORMATION THEORY
LEARNING MACHINES
ROBOTS
SELF ADAPTIVE CONTROL SYSTEMS
TURING MACHINES

AUTOMATED EN ROUTE ATC

GS GROUND BASED CONTROL
. AIR TRAFFIC CONTROL
. . AUTOMATED EN ROUTE ATC
TRAFFIC CONTROL
. AIR TRAFFIC CONTROL
. . AUTOMATED EN ROUTE ATC
RT AIRCRAFT GUIDANCE
APPROACH CONTROL
AUTOMATED PILOT ADVISORY SYSTEM
FLIGHT CONTROL
GROUND-AIR-GROUND COMMUNICATION
MICROWAVE LANDING SYSTEMS

AUTOMATED GUIDEWAY TRANSIT VEHICLES

UF AGT
GS SURFACE VEHICLES
. AUTOMATED GUIDEWAY TRANSIT
VEHICLES
RT AUTOMATED MIXED TRAFFIC VEHICLES
CONVEYORS
PASSENGERS
RAIL TRANSPORTATION
RAPID TRANSIT SYSTEMS
TRANSPORTATION
URBAN TRANSPORTATION
∞ VEHICLES

AUTOMATED MIXED TRAFFIC VEHICLES

UF AMTV
GS RESEARCH VEHICLES
. AUTOMATED MIXED TRAFFIC
VEHICLES
SURFACE VEHICLES
. MOTOR VEHICLES
. . AUTOMATED MIXED TRAFFIC
VEHICLES
RT AUTOMATED GUIDEWAY TRANSIT
VEHICLES
PASSENGERS
URBAN TRANSPORTATION
∞ VEHICLES

AUTOMATED PILOT ADVISORY SYSTEM

RT AIR TRAFFIC CONTROL
AUTOMATED EN ROUTE ATC
AUTOMATIC TRAFFIC ADVISORY AND
RESOLUTION

AUTOMATED RADAR TERMINAL SYSTEM

RT AIR TRAFFIC CONTROL
RADAR EQUIPMENT
RADAR TRACKING

AUTOMATIC CONTROL

UF SELF REGULATING
GS AUTOMATIC CONTROL
. ADAPTIVE CONTROL
. . ACTIVE CONTROL
. . LEARNING MACHINES
. . SELF ADAPTIVE CONTROL SYSTEMS
. AUTOMATIC FLIGHT CONTROL
. . AUTOMATIC LANDING CONTROL
. AUTOMATIC FREQUENCY CONTROL
. AUTOMATIC GAIN CONTROL
. DYNAMIC CONTROL
. FEEDBACK CONTROL
. . CASCADE CONTROL
. FEEDFORWARD CONTROL
. NUMERICAL CONTROL
. OFF-ON CONTROL
. OPTIMAL CONTROL
. . TIME OPTIMAL CONTROL
. PROPORTIONAL CONTROL
. SELF ALIGNMENT
. SEQUENTIAL CONTROL
RT AIRCRAFT CONTROL
ATTITUDE CONTROL
∞ AUTOMATION
COMBUSTION CONTROL
∞ CONTROL
CONTROL EQUIPMENT
CONTROLLERS
DEPERSONALIZATION

AUTOMATIC CONTROL-(CONT.)

DIRECTIONAL CONTROL
DYNAMIC CHARACTERISTICS
ELECTRIC CONTROL
ELECTRONIC AIRCRAFT
ELECTRONIC CONTROL
ENGINE CONTROL
ENVIRONMENTAL CONTROL
FLIGHT CONTROL
GROUND BASED CONTROL
GUIDANCE (MOTION)
HELICOPTER CONTROL
HYDRAULIC CONTROL
∞ INSTRUMENTS
JET CONTROL
LANDING INSTRUMENTS
LATERAL CONTROL
LONGITUDINAL CONTROL
MANUAL CONTROL
MEASURING INSTRUMENTS
MISSILE CONTROL
NEGATIVE FEEDBACK
PNEUMATIC CONTROL
RADIO CONTROL
REAL TIME OPERATION
RECORDING INSTRUMENTS
REENTRY GUIDANCE
REGULATORS
RELIEF VALVES
REMOTE CONTROL
ROCKET ENGINE CONTROL
SATELLITE ATTITUDE CONTROL
SATELLITE CONTROL
SATELLITE GUIDANCE
SELF ABSORPTION
SERVOCONTROL
SERVOMECHANISMS
SERVOMOTORS
SPACECRAFT CONTROL
SPACECRAFT GUIDANCE
SPEED CONTROL
STABILITY AUGMENTATION
TEMPERATURE CONTROL
TERMINAL CONFIGURED VEHICLE
PROGRAM
THERMOSTATS
THRUST VECTOR CONTROL
TRACKING PROBLEM
TRANSFER FUNCTIONS
TURBOJET ENGINE CONTROL

AUTOMATIC CONTROL VALVES

GS VALVES
. AUTOMATIC CONTROL VALVES
. . PRESSURE REGULATORS
. . RELIEF VALVES
RT ACTUATORS
DAMPERS (VALVES)
DYNAMIC CHARACTERISTICS
FLUID AMPLIFIERS
FLUID SWITCHING ELEMENTS
GAS VALVES
HYDRAULIC EQUIPMENT
PNEUMATIC CONTROL
REGULATORS
SERVOMECHANISMS
SOLENOID VALVES
TEMPERATURE CONTROL

AUTOMATIC DATA PROCESSING

USE DATA PROCESSING

AUTOMATIC FLIGHT CONTROL

UF AFCS (CONTROL SYSTEM)
GS AUTOMATIC CONTROL
. AUTOMATIC FLIGHT CONTROL
. . AUTOMATIC LANDING CONTROL
FLIGHT CONTROL
. AUTOMATIC FLIGHT CONTROL
. . AUTOMATIC LANDING CONTROL
RT AIRCRAFT CONTROL
AIRCRAFT INSTRUMENTS
∞ CONTROL
DISTANCE MEASURING EQUIPMENT
MISSILE CONTROL
NAVIGATION
NAVIGATION AIDS
RADAR NAVIGATION
RADIO NAVIGATION
SOLAR COMPASSES
TERMINAL CONFIGURED VEHICLE
PROGRAM
THRUST VECTOR CONTROL

AUTOMATIC TYPEWRITERS

AUTOMATIC FREQUENCY CONTROL

UF AFC (CONTROL)
GS AUTOMATIC CONTROL
. AUTOMATIC FREQUENCY CONTROL
REGULATORS
. AUTOMATIC FREQUENCY CONTROL
RT FEEDBACK CONTROL
FREQUENCY MODULATION
OSCILLATORS
TUNING

AUTOMATIC GAIN CONTROL

UF AGC (CONTROL)
GS AUTOMATIC CONTROL
. AUTOMATIC GAIN CONTROL
RT FEEDBACK CONTROL
TUNING

AUTOMATIC GIMBAL ANTENNA VECTOR EQUIPMENT

RT DIRECTIONAL ANTENNAS
POSITIONING

AUTOMATIC LANDING CONTROL

GS AUTOMATIC CONTROL
. AUTOMATIC FLIGHT CONTROL
. . AUTOMATIC LANDING CONTROL
FLIGHT CONTROL
. AUTOMATIC FLIGHT CONTROL
. . AUTOMATIC LANDING CONTROL
LANDING AIDS
. INSTRUMENT LANDING SYSTEMS
. . AUTOMATIC LANDING CONTROL
RT AIRBORNE EQUIPMENT
AIRCRAFT EQUIPMENT
BLIND LANDING
DISTANCE MEASURING EQUIPMENT
MICROWAVE LANDING SYSTEMS
TERMINAL CONFIGURED VEHICLE
PROGRAM

AUTOMATIC LIGHT AIRCRAFT READINESS MONITOR

USE ALARM PROJECT

AUTOMATIC PATTERN RECOGNITION

USE PATTERN RECOGNITION

AUTOMATIC PICTURE TRANSMISSION

UF APT (PICTURE TRANSMISSION)
GS TRANSMISSION
. SIGNAL TRANSMISSION
. . DATA TRANSMISSION
. . . AUTOMATIC PICTURE
TRANSMISSION
RT TELEVISION TRANSMISSION
WAVE PROPAGATION

AUTOMATIC PILOTS

UF AUTOPILOTS
GS AIRCRAFT INSTRUMENTS
. AUTOMATIC PILOTS
FLIGHT INSTRUMENTS
. AUTOMATIC PILOTS
RT AIRCRAFT EQUIPMENT
FLIGHT CONTROL
GYROSCOPES
HOMING
LANDING AIDS
NAVIGATION AIDS
∞ PILOTS
RADIO ALTIMETERS
SOLAR COMPASSES

AUTOMATIC ROCKET IMPACT PREDICTORS

USE COMPUTERIZED SIMULATION
IMPACT PREDICTION

AUTOMATIC TEST EQUIPMENT

RT ∞ EQUIPMENT
MEASURING INSTRUMENTS
SNEAK CIRCUIT ANALYSIS
∞ TEST EQUIPMENT

AUTOMATIC TRAFFIC ADVISORY AND RESOLUTION

RT AUTOMATED PILOT ADVISORY SYSTEM
COLLISION AVOIDANCE
GROUND BASED CONTROL
NAVIGATION AIDS
∞ SYSTEMS

AUTOMATIC TYPEWRITERS

UF FLEXOWRITERS (TRADEMARK)

AUTOMATIC WEATHER STATIONS

AUTOMATIC TYPEWRITERS-(CONT.)

GS TYPEWRITERS
 . AUTOMATIC TYPEWRITERS
 RT CONSOLES
 DISPLAY DEVICES
 PRINTERS (DATA PROCESSING)
 PUNCHED TAPES

AUTOMATIC WEATHER STATIONS

GS STATIONS
 . AUTOMATIC WEATHER STATIONS
 RT DATA ACQUISITION
 DATA COLLECTION PLATFORMS
 INSTRUMENT PACKAGES
 METEOROLOGICAL SERVICES
 OCEAN DATA ACQUISITIONS SYSTEMS
 REMOTE SENSORS
 WEATHER DATA RECORDERS

∞ AUTOMATION

SN *(USE OF A MORE SPECIFIC TERM IS
 RECOMMENDED--CONSULT THE TERMS
 LISTED BELOW)*
 UF INSTRUMENTAL ANALYSIS
 RT AUTOMATA THEORY
 AUTOMATIC CONTROL
 COMMAND AND CONTROL
 COMPUTERS
 CONTROLLERS
 CYBERNETICS
 DATA PROCESSING
 DEPERSONALIZATION
 FAIL-SAFE SYSTEMS
 FEEDBACK CONTROL
 FEEDFORWARD CONTROL
 INFORMATION THEORY
 MAN MACHINE SYSTEMS
 MATERIALS HANDLING
 MECHANIZATION
 NUMERICAL CONTROL
 REMOTE CONTROL
 SELF ERECTING DEVICES
 SELF REPAIRING DEVICES
 SERVOMECHANISMS
 SYSTEMS ENGINEERING
 TOOLING

AUTOMET MISSILE

GS MISSILES
 . BALLISTIC MISSILES
 . . SHORT RANGE BALLISTIC MISSILES
 . . . AUTOMET MISSILE
 . SURFACE TO SURFACE MISSILES
 . . SHORT RANGE BALLISTIC MISSILES
 . . . AUTOMET MISSILE

AUTOMOBILE ACCIDENTS

RT ACCIDENT INVESTIGATION
 ACCIDENT PREVENTION
 ACCIDENTS
 SAFETY DEVICES

AUTOMOBILE ENGINES

RT EXTERNAL COMBUSTION ENGINES
 INTERNAL COMBUSTION ENGINES
 PISTON ENGINES
 TURBINE ENGINES
 WANKEL ENGINES

AUTOMOBILE FUELS

GS FUELS
 . CHEMICAL FUELS
 . . AUTOMOBILE FUELS
 . . . LIQUID FUELS
 RT AIRCRAFT FUELS
 ANTIKNOCK ADDITIVES
 DIESEL FUELS
 GASOLINE
 HYDROCARBON FUELS
 INTERNAL COMBUSTION ENGINES
 SYNTHANE

AUTOMOBILES

UF JEEPS
 GS SURFACE VEHICLES
 . MOTOR VEHICLES
 . . AUTOMOBILES
 . . . ELECTRIC AUTOMOBILES
 RT AIR BAG RESTRAINT DEVICES
 ANTISKID DEVICES
 CHASSIS
 ELECTRIC HYBRID VEHICLES
 ELECTRIC MOTOR VEHICLES
 FUEL SYSTEMS
 HYDROGEN ENGINES

AUTOMOBILES-(CONT.)

IGNITION SYSTEMS
 LUBRICATION SYSTEMS
 ∞ MILITARY VEHICLES
 TRAILERS
 TRUCKS
 ∞ VEHICLES

AUTOMORPHISMS

GS ALGEBRA
 . GROUP THEORY
 . . HOMOMORPHISMS
 . . . AUTOMORPHISMS

AUTONOMIC NERVOUS SYSTEM

GS NERVOUS SYSTEM
 . AUTONOMIC NERVOUS SYSTEM
 . . SYMPATHETIC NERVOUS SYSTEM
 RT INVOLUNTARY ACTIONS

AUTONOMOUS SPACECRAFT CLOCKS

GS MEASURING INSTRUMENTS
 . TIME MEASURING INSTRUMENTS
 . . CLOCKS
 . . . AUTONOMOUS SPACECRAFT
 CLOCKS
 RT ATOMIC CLOCKS
 GLOBAL POSITIONING SYSTEM
 SPACECRAFT INSTRUMENTS
 TOR SATELLITES

AUTONOMY

RT ADAPTIVE CONTROL
 COMMAND AND CONTROL
 ∞ COMMANDS
 ∞ DIRECTION
 EQUATIONS OF MOTION
 MANAGEMENT
 SELF ADAPTIVE CONTROL SYSTEMS

AUTOPILOTS

USE AUTOMATIC PILOTS

AUTOPSIES

RT DISSECTION
 PATHOLOGY

AUTORADIOGRAPHY

GS IMAGERY
 . RADIOGRAPHY
 . . AUTORADIOGRAPHY
 PHOTOGRAPHY
 . . . AUTORADIOGRAPHY
 RT BLACK AND WHITE PHOTOGRAPHY

AUTOREGRESSIVE PROCESSES

RT FACTOR ANALYSIS
 ∞ PROCESSES
 REGRESSION ANALYSIS
 STATISTICAL ANALYSIS

AUTOROTATION

UF WINDMILLING
 GS GYRATION
 . ROTATION
 . . AUTOROTATION
 RT ROTARY WING AIRCRAFT
 ROTOCHUTES

AUTOTROPHS

GS AUTOTROPHS
 . HYDROGENOMONAS
 RT HETEROTROPHS

AUXILIARY EQUIPMENT (COMPUTERS)

SN *(EXCLUDES COMPUTER-CONTROLLED
 EQUIPMENT)*
 GS DATA PROCESSING EQUIPMENT
 . AUXILIARY EQUIPMENT (COMPUTERS)
 . . PRINTERS (DATA PROCESSING)
 RT COMPUTER SYSTEMS DESIGN
 DATA PROCESSING
 ∞ EQUIPMENT

AUXILIARY POWER SOURCES

GS AUXILIARY POWER SOURCES
 . ASTEC SOLAR TURBOELECTRIC
 GENERATOR
 . CHEMICAL AUXILIARY POWER UNITS
 . NUCLEAR AUXILIARY POWER UNITS
 . . SNAP
 . . . FISSION ELECTRIC CELLS
 SNAP 2
 SNAP 4
 SNAP 8

NASA THESAURUS (VOLUME 1)

AUXILIARY POWER SOURCES-(CONT.)

. . . SNAP 10A
 . . . SNAP 1
 . . . SNAP 3
 . . . SNAP 7
 . . . SNAP 9A
 . . . SNAP 11
 . . . SNAP 13
 . . . SNAP 15
 . . . SNAP 17
 . . . SNAP 19
 . . . SNAP 21
 . . . SNAP 23
 . . . SNAP 27
 . . . SNAP 29
 . . . SNAP 50
 . . . SNAP 80
 . . . SPACE POWER REACTORS
 . . . FISSION ELECTRIC CELLS
 . . . SNAP 2
 . . . SNAP 4
 . . . SNAP 8
 . . . SNAP 10A
 . . . SNAP 50
 . . . SPACE POWER UNIT REACTORS
 . . . SOLAR AUXILIARY POWER UNITS
 . . . SUNFLOWER POWER SYSTEM
 RT DIRECT POWER GENERATORS
 ELECTRIC BATTERIES
 ELECTRIC GENERATORS
 ∞ ELECTRIC POWER
 ELECTRIC POWER SUPPLIES
 ∞ ENERGY SOURCES
 GROUND SUPPORT EQUIPMENT
 ∞ POWER SUPPLIES
 SPACECRAFT POWER SUPPLIES
 VOLTAGE CONVERTERS (AC TO AC)
 VOLTAGE CONVERTERS (DC TO DC)

AUXILIARY PROPULSION

GS PROPULSION
 . AUXILIARY PROPULSION
 RT AERONAUTICAL ENGINEERING
 ∞ ASTRONAUTICS
 ENGINES
 HYDROGEN OXYGEN ENGINES
 MARQUARDT R4D ENGINE
 MISSILES
 PROPELLANTS
 PROPULSION SYSTEM CONFIGURATIONS
 ROCKET PROPELLANTS
 SPACE FLIGHT
 SPACE SHUTTLES
 ∞ SPACECRAFT
 THRUST

AV-8A AIRCRAFT

USE HARRIER AIRCRAFT

AVAILABILITY

RT ABUNDANCE
 ENERGY POLICY
 RESERVES
 RESOURCES

AVALANCHE DIODES

UF IMPATT DIODES
 TRAPATT DIODES
 ZENER DIODES
 GS ELECTRONIC EQUIPMENT
 . DIODES
 . . SEMICONDUCTOR DIODES
 . . . AVALANCHE DIODES
 . . . SOLID STATE DEVICES
 . . . SEMICONDUCTOR DEVICES
 AVALANCHE DIODES
 CRYOSAR
 RECTIFIERS
 . . . AVALANCHE DIODES
 . . . CRYOSAR
 RT BARRITT DIODES
 ION IMPLANTATION
 NEGATIVE CONDUCTANCE
 TRAPATT DEVICES
 VOLTAGE REGULATORS

AVALANCHES

GS AVALANCHES
 . ELECTRON AVALANCHE
 . TOWNSEND AVALANCHE
 RT EARTH MOVEMENTS
 ELECTRIC DISCHARGES
 ION PRODUCTION RATES
 IONIZING RADIATION

NASA THESAURUS (VOLUME 1)

AZIDES (INORGANIC)

AVCS
USE ADVANCED VIDICON CAMERA SYSTEM (AVCS)

AVERAGE
GS AVERAGE
. MEAN
RT DISTRIBUTION MOMENTS
MEDIAN (STATISTICS)
MODE (STATISTICS)
NORMALITY
NORMS
QUALITY CONTROL

AVIAN 2/180 AUTOGIRO
GS RESEARCH AIRCRAFT
. AVIAN 2/180 AUTOGIRO
V/STOL AIRCRAFT
. ROTARY WING AIRCRAFT
. AUTOGYROS
. AVIAN 2/180 AUTOGIRO

AVIATION
USE AERONAUTICS

AVIATORS
USE AIRCRAFT PILOTS

AVIDIN
GS PROTEINS
. ALBUMINS
. AVIDIN
RT BIOTIN

AVIONICS
RT AERONAUTICS
AIRBORNE EQUIPMENT
AIRCRAFT COMMUNICATION
AIRCRAFT EQUIPMENT
AIRCRAFT INSTRUMENTS
ASTRONICS
ASTRONAUTICS
CONTROL
ELECTRONICS
GUIDANCE (MOTION)
HEAD-UP DISPLAYS
SYSTEMS INTEGRATION
TEST EQUIPMENT
VIDEO LANDMARK ACQUISITION AND TRACKING

AVOIDANCE
GS AVOIDANCE
. COLLISION AVOIDANCE
. BEACON COLLISION AVOIDANCE SYSTEM
. VORTEX AVOIDANCE
RT ACCIDENT PREVENTION
HAZARDS
TRAFFIC
TRAFFIC CONTROL
WARNING SYSTEMS

AVRO WHITWORTH HS-748 AIRCRAFT
USE HS-748 AIRCRAFT

AVRO 698 AIRCRAFT
USE VULCAN AIRCRAFT

AVRO 707 AIRCRAFT
GS HAWKER SIDDELEY AIRCRAFT
. AVRO 707 AIRCRAFT
JET AIRCRAFT
. AVRO 707 AIRCRAFT
MONOPLANES
. AVRO 707 AIRCRAFT
RESEARCH AIRCRAFT
. AVRO 707 AIRCRAFT
TAILLESS AIRCRAFT
. AVRO 707 AIRCRAFT
RT DELTA WINGS
VULCAN AIRCRAFT

AW 650 AIRCRAFT
UF GLOSTER AW-650 AIRCRAFT
WHITWORTH GLOSTER AW-650 AIRCRAFT
GS HAWKER SIDDELEY AIRCRAFT
. AW 650 AIRCRAFT
JET AIRCRAFT
. TURBOPROP AIRCRAFT
. AW 650 AIRCRAFT
MONOPLANES
. AW 650 AIRCRAFT

AW 650 AIRCRAFT-(CONT.)
PASSENGER AIRCRAFT
. AW 650 AIRCRAFT
TRANSPORT AIRCRAFT
. AW 650 AIRCRAFT

AWACS AIRCRAFT
UF AIRBORNE WARNING AND CONTROL SYSTEM
GS AWACS AIRCRAFT
. E-2 AIRCRAFT
. E-3A AIRCRAFT
. E-4A AIRCRAFT
RT AIRCRAFT
BOEING AIRCRAFT
COMMAND AND CONTROL
EARLY WARNING SYSTEMS
GRUMMAN AIRCRAFT
MILITARY AIRCRAFT
MILITARY TECHNOLOGY

AXAF
USE X RAY ASTROPHYSICS FACILITY

AXES (COORDINATES)
USE COORDINATES

AXES (REFERENCE LINES)
GS AXES (REFERENCE LINES)
. AXES OF ROTATION
. EARTH AXIS
RT COORDINATES

AXES OF ROTATION
GS AXES (REFERENCE LINES)
. AXES OF ROTATION
. EARTH AXIS
RT BODIES OF REVOLUTION
ROTATING BODIES
ROTATION
SHAFTS (MACHINE ELEMENTS)
SYMMETRICAL BODIES

AXIAL COMPRESSION LOADS
GS LOADS (FORCES)
. AXIAL LOADS
. AXIAL COMPRESSION LOADS
. COMPRESSION LOADS
. AXIAL COMPRESSION LOADS
RT AERODYNAMIC LOADS
COMPRESSING
DYNAMIC LOADS
SHOCK LOADS
STATIC LOADS
STRUCTURAL DESIGN CRITERIA
THRUST LOADS

AXIAL COMPRESSORS
USE TURBOCOMPRESSORS

AXIAL FLOW
GS FLUID FLOW
. AXIAL FLOW
RT ANNULAR FLOW
AXISYMMETRIC FLOW
COAXIAL FLOW
COAXIAL NOZZLES
COUNTERFLOW
DISCHARGE COEFFICIENT
FLOW GEOMETRY
ONE DIMENSIONAL FLOW
RADIAL FLOW
THREE DIMENSIONAL FLOW
TWO DIMENSIONAL FLOW

AXIAL FLOW COMPRESSORS
USE TURBOCOMPRESSORS

AXIAL FLOW PUMPS
GS PUMPS
. AXIAL FLOW PUMPS
. TURBINE PUMPS
RT CENTRIFUGAL PUMPS
FUEL PUMPS

AXIAL FLOW TURBINES
GS TURBOMACHINERY
. TURBINES
. AXIAL FLOW TURBINES
RT GAS TURBINE ENGINES
GAS TURBINES
STEAM TURBINES

AXIAL LOADS
GS LOADS (FORCES)
. AXIAL LOADS
. AXIAL COMPRESSION LOADS
RT AERODYNAMIC LOADS
COMPRESSION LOADS
DYNAMIC LOADS
STATIC LOADS
STRUCTURAL DESIGN CRITERIA
THRUST LOADS

AXIAL MODES
GS MODES
. AXIAL MODES
RT COMBUSTION STABILITY
LASER MODES
PROPELLANT COMBUSTION
ROCKET ENGINES

AXIAL STRAIN
UF AXISYMMETRIC DEFORMATION
UNIAXIAL STRAIN
GS DEFORMATION
. AXIAL STRAIN
RT ELASTIC DEFORMATION
STRESS-STRAIN DIAGRAMS
STRUCTURAL STRAIN

AXIAL STRESS
GS STRESSES
. AXIAL STRESS
RT TENSILE STRESS

AXIOMS
UF POSTULATES
GS MATHEMATICAL LOGIC
. AXIOMS
RT KNOWLEDGE
LOGIC
MATHEMATICS

AXISYMMETRIC BODIES
GS SYMMETRICAL BODIES
. AXISYMMETRIC BODIES
RT BLUNT BODIES
BODIES
BODIES OF REVOLUTION
CONICAL BODIES
DUCTED BODIES
LENTICULAR BODIES
MISSILE BODIES
SLENDER BODIES
SLENDER CONES
STREAMLINED BODIES

AXISYMMETRIC DEFORMATION
USE AXIAL STRAIN

AXISYMMETRIC FLOW
GS FLUID FLOW
. AXISYMMETRIC FLOW
. ANNULAR FLOW
. KARMAN-BODEWADT FLOW
RT AXIAL FLOW
COAXIAL FLOW
CONICAL FLOW
COUETTE FLOW
CROCCO METHOD
CYLINDRICAL WAVES
FLOW GEOMETRY
HELICAL FLOW
THREE DIMENSIONAL BOUNDARY LAYER

AXISYMMETRY
USE SYMMETRY

AXLES
USE SHAFTS (MACHINE ELEMENTS)

AXONS
GS CELLS (BIOLOGY)
. AXONS
NERVOUS SYSTEM
. AXONS
RT NEUROTRANSMITTERS

AZEOTROPES
RT BINARY MIXTURES
MIXTURES
SOLUTIONS

AZIDES (INORGANIC)
GS NITROGEN COMPOUNDS
. AZIDES (INORGANIC)

AZIDES (ORGANIC)

AZIDES (INORGANIC)-(CONT.)

- . . HYDROGEN AZIDES
- . . SODIUM AZIDES

AZIDES (ORGANIC)

- GS NITROGEN COMPOUNDS
 - . AZIDES (ORGANIC)
 - . . SODIUM AZIDES
 - . . TRIAMINOGUANIDINIUM AZIDE
 - . . TRIAMINOGUANIDINIUM HYDRAZONIUM AZIDE
- RT EXPLOSIVES

AZIMUTH

- UF SOLAR AZIMUTH
- RT ALTITUDE
 - ANGLES (GEOMETRY)
 - ASTRONOMICAL COORDINATES
 - BEARING (DIRECTION)
 - CELESTIAL REFERENCE SYSTEMS
 - ∞ DIRECTION
 - ELEVATION ANGLE
 - LOOK ANGLES (TRACKING)
 - NAVIGATION
 - ∞ ORIENTATION
 - POSITION (LOCATION)

AZINES

- GS HETEROCYCLIC COMPOUNDS
 - . AZINES
 - . . CYANURATES
 - . . CYANURIC ACID
 - . . MECLIZINE
 - . . METHYLENE BLUE
 - . . PHENOTHIAZINES
- PYRAZINES
 - . AZINES
 - . . CYANURATES
 - . . CYANURIC ACID
 - . . MECLIZINE
 - . . METHYLENE BLUE
 - . . PHENOTHIAZINES
- RT DYES

AZO COMPOUNDS

- GS NITROGEN COMPOUNDS
 - . AZO COMPOUNDS
 - . . RDX
- RT DYES

AZOLES

- GS HETEROCYCLIC COMPOUNDS
 - . AZOLES
 - . . ACETAZOLAMIDE
 - . . OXAZOLE
 - . . PYRROLES
 - . . CARBAZOLES
 - . . INDOLES
 - TRYPTOPHAN

AZOTOBACTER

- GS MICROORGANISMS
 - . BACTERIA
 - . . AZOTOBACTER

AZULENE

- GS HETEROCYCLIC COMPOUNDS
 - . AZULENE
 - TERPENES
 - . AZULENE

AZUR SATELLITE

- GS SATELLITES
 - . EARTH SATELLITES
 - . . AZUR SATELLITE
 - . . SCIENTIFIC SATELLITES
 - AZUR SATELLITE
- RT EUROPEAN SPACE PROGRAMS
- INTERNATIONAL COOPERATION
- NASA PROGRAMS
- WEST GERMANY

A2F AIRCRAFT

- USE A-6 AIRCRAFT

A3D AIRCRAFT

- USE A-3 AIRCRAFT

A3J AIRCRAFT

- USE A-5 AIRCRAFT

A4D AIRCRAFT

- USE A-4 AIRCRAFT

B

B STARS

- UF HELIUM STARS
- GS CELESTIAL BODIES
 - . STARS
 - . . HOT STARS
 - B STARS
- RT BLUE STARS
- HERBIG-HARO OBJECTS
- LIMB BRIGHTENING
- LIMB DARKENING
- PECULIAR STARS
- WOLF-RAYET STARS

B-A-W DEVICES

- USE BULK ACOUSTIC WAVE DEVICES

B-1 AIRCRAFT

- GS ATTACK AIRCRAFT
 - . BOMBER AIRCRAFT
 - . . B-1 AIRCRAFT
 - . . NORTH AMERICAN AIRCRAFT
 - . . B-1 AIRCRAFT
- RT BOMBING EQUIPMENT
- BOMBS (ORDNANCE)
- COMBAT
- JET AIRCRAFT
- ∞ MILITARY AIRCRAFT
- MULTIENGINE VEHICLES
- WARFARE
- ∞ WINGED VEHICLES

B-26 AIRCRAFT

- UF INVADER AIRCRAFT
- GS ATTACK AIRCRAFT
 - . BOMBER AIRCRAFT
 - . . B-26 AIRCRAFT
 - . . MARTIN AIRCRAFT
 - . . B-26 AIRCRAFT
 - . . MONOPLANES
 - . . B-26 AIRCRAFT

B-47 AIRCRAFT

- UF RB-47 AIRCRAFT
- STRATOJET AIRCRAFT
- XB-47 AIRCRAFT
- GS ATTACK AIRCRAFT
 - . BOMBER AIRCRAFT
 - . . B-47 AIRCRAFT
 - . . BOEING AIRCRAFT
 - . . B-47 AIRCRAFT
 - . . JET AIRCRAFT
 - . . B-47 AIRCRAFT
 - . . MONOPLANES
 - . . B-47 AIRCRAFT

B-50 AIRCRAFT

- GS ATTACK AIRCRAFT
 - . BOMBER AIRCRAFT
 - . . B-50 AIRCRAFT
 - . . BOEING AIRCRAFT
 - . . B-50 AIRCRAFT
 - . . JET AIRCRAFT
 - . . B-50 AIRCRAFT
 - . . MONOPLANES
 - . . B-50 AIRCRAFT

B-52 AIRCRAFT

- UF STRATOFORTRESS AIRCRAFT
- GS ATTACK AIRCRAFT
 - . BOMBER AIRCRAFT
 - . . B-52 AIRCRAFT
 - . . BOEING AIRCRAFT
 - . . B-52 AIRCRAFT
 - . . JET AIRCRAFT
 - . . B-52 AIRCRAFT
 - . . MONOPLANES
 - . . B-52 AIRCRAFT
- RT TURBOFAN ENGINES

B-57 AIRCRAFT

- UF CANBERRA BOMBER
- RB-57 AIRCRAFT
- GS ATTACK AIRCRAFT
 - . BOMBER AIRCRAFT
 - . . B-57 AIRCRAFT
 - . . JET AIRCRAFT
 - . . B-57 AIRCRAFT
 - . . MARTIN AIRCRAFT
 - . . B-57 AIRCRAFT
 - . . MONOPLANES
 - . . B-57 AIRCRAFT
- RT CANBERRA AIRCRAFT

B-58 AIRCRAFT

- UF HUSTLER AIRCRAFT
- GS ATTACK AIRCRAFT
 - . BOMBER AIRCRAFT
 - . . B-58 AIRCRAFT
 - . . GENERAL DYNAMICS AIRCRAFT
 - . . B-58 AIRCRAFT
 - . . JET AIRCRAFT
 - . . B-58 AIRCRAFT
 - . . MONOPLANES
 - . . B-58 AIRCRAFT
 - . . SUPERSONIC AIRCRAFT
 - . . B-58 AIRCRAFT
 - . . TAILLESS AIRCRAFT
 - . . B-58 AIRCRAFT

B-66 AIRCRAFT

- UF DESTROYER AIRCRAFT
- RB-66 AIRCRAFT
- GS ATTACK AIRCRAFT
 - . BOMBER AIRCRAFT
 - . . B-66 AIRCRAFT
 - . . JET AIRCRAFT
 - . . B-66 AIRCRAFT
 - . . MCDONNELL DOUGLAS AIRCRAFT
 - . . DOUGLAS AIRCRAFT
 - . . B-66 AIRCRAFT
 - . . MONOPLANES
 - . . B-66 AIRCRAFT

B-70 AIRCRAFT

- UF VALKYRIE AIRCRAFT
- XB-70 AIRCRAFT
- GS ATTACK AIRCRAFT
 - . BOMBER AIRCRAFT
 - . . B-70 AIRCRAFT
 - . . JET AIRCRAFT
 - . . B-70 AIRCRAFT
 - . . MONOPLANES
 - . . B-70 AIRCRAFT
 - . . NORTH AMERICAN AIRCRAFT
 - . . B-70 AIRCRAFT
 - . . RESEARCH AIRCRAFT
 - . . B-70 AIRCRAFT
 - . . SUPERSONIC AIRCRAFT
 - . . B-70 AIRCRAFT

B-103 AIRCRAFT

- USE BUCCANEER AIRCRAFT

BABBITT METAL

- GS ALLOYS
 - . ANTIMONY ALLOYS
 - . . BABBITT METAL
 - . . COPPER ALLOYS
 - . . BABBITT METAL
 - . . TIN ALLOYS
 - . . BABBITT METAL
- RT BEARING ALLOYS

BABOONS

- GS ANIMALS
 - . VERTEBRATES
 - . . MAMMALS
 - PRIMATES
 - BABOONS
 - WILDLIFE
 - . . BABOONS

BABY PROJECT

- GS PROGRAMS
 - . PROJECTS
 - . . BABY PROJECT

BAC AIRCRAFT

- UF BRITISH AIRCRAFT CORP AIRCRAFT
- GS BAC AIRCRAFT
 - . BAC 111 AIRCRAFT
 - . ENGLISH ELECTRIC AIRCRAFT
 - . . CANBERRA AIRCRAFT
 - . . H-126 AIRCRAFT
 - . . JET PROVOST AIRCRAFT
 - . . SCIMITAR AIRCRAFT
 - . . TSR-2 AIRCRAFT
 - . . VA-3 GROUND EFFECT MACHINE
 - . . VALIANT AIRCRAFT
 - . . VC-10 AIRCRAFT
 - . . VISCOUNT AIRCRAFT
- RT ∞ AIRCRAFT

BAC TSR 2 AIRCRAFT

- USE TSR-2 AIRCRAFT

BAC 111 AIRCRAFT

GS BAC AIRCRAFT
 . BAC 111 AIRCRAFT
 JET AIRCRAFT
 . TURBOFAN AIRCRAFT
 . . BAC 111 AIRCRAFT
 MONOPLANES
 . BAC 111 AIRCRAFT
 PASSENGER AIRCRAFT
 . BAC 111 AIRCRAFT
 TRANSPORT AIRCRAFT
 . BAC 111 AIRCRAFT

BACILLUS

GS MICROORGANISMS
 . BACTERIA
 . . BACILLUS

BACK INJURIES

GS INJURIES
 . BACK INJURIES
 RT WHIPLASH INJURIES

BACKFIRE

RT COMBUSTION
 DEFLAGRATION
 EXPLOSIONS
 FIRES
 FLAME DEFLECTORS
 FLAME PROPAGATION
 FLASHBACK

BACKGROUND NOISE

RT CHANNEL NOISE
 COSMIC NOISE
 ELASTIC WAVES
 ELECTROMAGNETIC NOISE
 IONOSPHERIC NOISE
 ∞ NOISE
 NOISE (SOUND)
 NOISE MEASUREMENT
 NOISE SPECTRA
 NOISE THRESHOLD
 ∞ RADIATION
 RANDOM NOISE
 ∞ RAYS
 SIGNAL TO NOISE RATIOS
 SQUELCH CIRCUITS

BACKGROUND RADIATION

RT BIG BANG COSMOLOGY
 CONTINUOUS RADIATION
 CORPUSCULAR RADIATION
 COSMIC BACKGROUND EXPLORER
 SATELLITE
 COSMIC NOISE
 ELECTROMAGNETIC NOISE
 EXTRATERRESTRIAL RADIATION
 HIGH ALTITUDE TESTS
 IONOSPHERIC NOISE
 RELIC RADIATION
 SKY RADIATION

BACKINGS

USE BACKUPS

BACKLOBES

RT ANTENNA DESIGN
 ANTENNA RADIATION PATTERNS
 DIRECTIONAL ANTENNAS
 ∞ LOBES

BACKSCATTERING

GS SCATTERING
 . BACKSCATTERING
 RT FORWARD SCATTERING
 LASER PLASMA INTERACTIONS
 NUCLEAR SCATTERING
 SCATTER PROPAGATION

BACKSHORES

USE BEACHES

BACKUPS

UF BACKINGS
 RT REDUNDANT COMPONENTS
 RESERVES
 WELDING

BACKWARD WAVE TUBES

GS MICROWAVE EQUIPMENT
 . MICROWAVE TUBES
 . . MICROWAVE OSCILLATORS
 . . . BACKWARD WAVE TUBES

BACKWARD WAVE TUBES-(CONT.)

RT BEAM CURRENTS
 ELECTRON TRANSFER

BACKWARD WAVES

RT ELASTIC WAVES
 ELECTROMAGNETIC RADIATION
 SOLITARY WAVES
 TRANSMISSION LINES
 TRAVELING WAVE TUBES
 TRAVELING WAVES

BACKWASH

SN (EXCLUDES PROCESSES OF
 BACKWASHING)
 UF SIDEWASH
 RT BOUNDARY LAYER STABILITY
 DOWNWASH
 SLIPSTREAMS
 STROUHAL NUMBER
 TURBULENCE
 WAKES

BACTERIA

GS MICROORGANISMS
 . BACTERIA
 . . ACTINOMYCETES
 . . AZOTOBACTER
 . . BACILLUS
 . . CLOSTRIDIUM BOTULINUM
 . . ESCHERICHIA
 . . HYDROGENOMONAS
 . . KLEBSIELLA
 . . NITROBACTER
 . . PSEUDOMONAS
 . . SALMONELLA
 . . SARCINA
 . . SERRATIA
 . . STAPHYLOCOCCUS
 . . STEAROTHERMOPHILUS
 . . STREPTOCOCCUS
 . . STREPTOMYCETES
 RT AEROBES
 ANAEROBES
 BACTERIOLOGY
 BLIGHT
 COLONIES
 GNOTOBIOTICS
 INVERTEBRATES
 PANSPERMIA
 PATHOGENS
 SAPROPHYTES
 WASTE TREATMENT

BACTERICIDES

UF GERMICIDES
 RT ANTIINFECTIVES AND ANTIBACTERIALS
 ANTISEPTICS
 CHEMICAL STERILIZATION
 FUMIGATION
 STERILIZATION

BACTERIOLOGY

GS MICROBIOLOGY
 . BACTERIOLOGY
 RT BACTERIA
 ∞ BIOLOGY
 CLOSTRIDIUM BOTULINUM
 COLONIES
 ENDOTOXINS
 GNOTOBIOTICS
 VACCINES

BACTERIOPHAGES

GS MICROORGANISMS
 . VIRUSES
 . . BACTERIOPHAGES
 RT INTERFERON

BADLANDS

GS LAND
 . BADLANDS
 RT BARREN LAND
 TOPOGRAPHY

BAFFLES

RT ATTENUATORS
 ∞ BARRIERS
 BLAST DEFLECTORS
 CONICAL FLOW
 DAMPING
 DEFLECTORS
 ∞ DIFFUSERS
 DIVERTERS
 DIVIDERS

BAFFLES-(CONT.)

DUCTS
 FLAME DEFLECTORS
 LIQUID SLOSHING
 LOUVERS
 MIXERS
 MUFFLERS
 PANELS
 REFLECTORS
 SHIELDING
 SUPPRESSORS

BAGGAGE

GS CARGO
 . BAGGAGE
 RT AIR CARGO
 BAGS
 GROUND HANDLING

BAGS

GS BAGS
 . AIR BAG RESTRAINT DEVICES
 . GAS BAGS
 RT BAGGAGE
 ∞ CONTAINERS
 PACKAGES

BAHRAIN

GS LANDFORMS
 . ISLANDS
 . . BAHRAIN
 RT NATIONS

BAILOUT

RT AIR DROP OPERATIONS
 EJECTION
 EJECTION INJURIES
 EJECTION SEATS
 EJECTION TRAINING
 ESCAPE (ABANDONMENT)
 ESCAPE SYSTEMS
 FLYING EJECTION SEATS
 JETTISON SYSTEMS
 JETTISONING
 PARACHUTE DESCENT

BAINITE

RT BAINITIC STEEL
 IRON ALLOYS
 MICROSTRUCTURE
 STEELS

BAINITIC STEEL

GS ALLOYS
 . IRON ALLOYS
 . . STEELS
 . . . BAINITIC STEEL
 RT BAINITE

BAJA CALIFORNIA

USE LOWER CALIFORNIA (MEXICO)

BAJADAS

USE FANS (LANDFORMS)

BAKELITE (TRADEMARK)

RT CERAMICS
 RESINS
 THERMOSETTING RESINS

BAKEOUT

USE DEGASSING

BAKER-NUNN CAMERA

GS OPTICAL EQUIPMENT
 . CAMERAS
 . . BAKER-NUNN CAMERA
 PHOTOGRAPHIC EQUIPMENT
 . CAMERAS
 . . BAKER-NUNN CAMERA
 RT ASTRONOMICAL PHOTOGRAPHY
 SCHMIDT CAMERAS

BAKING

SN (EXCLUDES FOOD PROCESSING)
 GS HEATING
 . BAKING
 RT CASTING
 DEGASSING
 DRYING
 HEAT TREATMENT
 OVENS
 ROASTING
 STERILIZATION

BALANCE

BALANCE
 RT AERODYNAMIC BALANCE
 COMPENSATORS
 ∞ EQUILIBRIUM
 HEAT BALANCE
 ∞ MASS BALANCE
 MASS DISTRIBUTION
 MATERIAL BALANCE
 WEIGHT INDICATORS

BALANCE EQUATIONS
 USE EQUATIONS

BALANCED AMPLIFIERS
 USE PUSH-PULL AMPLIFIERS

BALANCING
 RT ECCENTRICITY
 ∞ EQUILIBRIUM
 FLYWHEELS
 MAN MACHINE SYSTEMS
 STABILIZATION

BALL BEARINGS
 GS BEARINGS
 . ANTI-FRICTION BEARINGS
 . . BALL BEARINGS
 RT BALLS
 ELASTO-HYDRODYNAMICS
 NEEDLE BEARINGS
 ROLLER BEARINGS
 THRUST BEARINGS

BALL LIGHTNING
 GS ELECTRIC CURRENT
 . ELECTRIC DISCHARGES
 . . LIGHTNING
 . . . BALL LIGHTNING
 RT ATMOSPHERIC ELECTRICITY

∞ **BALLAST**
 SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)*
 RT BALLAST (MASS)
 BALLASTS (IMPEDANCES)

BALLAST (MASS)
 RT AERODYNAMIC STABILITY
 ∞ BALLAST
 BUOYANCY
 COUNTERBALANCES
 FLOATING
 FLOATS
 HYDRODYNAMICS
 LOADS (FORCES)
 MASS DISTRIBUTION
 STABILITY
 STATIC LOADS

BALLASTS (IMPEDANCES)
 RT ∞ BALLAST
 CAPACITORS
 INDUCTORS
 LUMINAIRES
 RESISTORS
 TRANSFORMERS

BALLISTIC CAMERAS
 GS OPTICAL EQUIPMENT
 . CAMERAS
 . . BALLISTIC CAMERAS
 PHOTOGRAPHIC EQUIPMENT
 . CAMERAS
 . . BALLISTIC CAMERAS
 RT GROUND SUPPORT EQUIPMENT
 HIGH SPEED CAMERAS
 OPTICAL TRACKING
 RANGE-FINDING
 STROBOSCOPES
 TRAJECTORY MEASUREMENT

BALLISTIC MISSILE DECOYS
 GS COUNTERMEASURES
 . BALLISTIC MISSILE DECOYS
 DECOYS
 . BALLISTIC MISSILE DECOYS
 RT MISSILE DEFENSE
 REENTRY DECOYS

BALLISTIC MISSILE EARLY WARNING SYSTEM
 UF BMEWS
 GS WARNING SYSTEMS
 . EARLY WARNING SYSTEMS

BALLISTIC MISSILE EARLY WARNING-(CONT.)
 . . BALLISTIC MISSILE EARLY WARNING SYSTEM
 RT AIR DEFENSE
 MILITARY TECHNOLOGY
 RADAR TRACKING

BALLISTIC MISSILE SUBMARINES
 GS WATER VEHICLES
 . SHIPS
 . . SUBMARINES
 . . . BALLISTIC MISSILE SUBMARINES
 . UNDERWATER VEHICLES
 . . SUBMARINES
 . . . BALLISTIC MISSILE SUBMARINES
 RT FLEET BALLISTIC MISSILES
 MISSILE LAUNCHERS
 MOBILE MISSILE LAUNCHERS
 NAVY
 POSEIDON MISSILES
 SEA LAUNCHING

BALLISTIC MISSILES
 SN (GUIDED ONLY DURING INITIAL POWERED PHASE)
 GS MISSILES
 . BALLISTIC MISSILES
 . . FIELD ARMY BALLISTIC MISSILES
 . . . SUBROC MISSILE
 . . INTERCONTINENTAL BALLISTIC MISSILES
 . . . ATLAS ICBM
 ATLAS D ICBM
 ATLAS E ICBM
 ATLAS F ICBM
 ATLAS G ICBM
 . . . MINUTEMAN ICBM
 . . . TITAN ICBM
 TITAN 1 ICBM
 TITAN 2 ICBM
 . . INTERMEDIATE RANGE BALLISTIC MISSILES
 . . . BLUE STREAK MISSILE
 . . . JUPITER MISSILE
 . . . POLARIS MISSILES
 POLARIS A1 MISSILE
 POLARIS A2 MISSILE
 POLARIS A2A MISSILE
 POLARIS A3 MISSILE
 . . . PERSHING MISSILE
 . . . POSEIDON MISSILES
 . . SHORT RANGE BALLISTIC MISSILES
 . . . AUTOMET MISSILE
 . . . SKYBOLT MISSILE
 . . . V-2 MISSILE
 RT ANTIMISSILE MISSILES
 SAFEGUARD SYSTEM
 SURFACE TO SURFACE MISSILES

BALLISTIC RANGES
 GS RANGES (FACILITIES)
 . TEST RANGES
 . . BALLISTIC RANGES
 TEST FACILITIES
 . TEST RANGES
 . . BALLISTIC RANGES
 RT DOWNRANGE
 HYDROBALLISTICS
 MISSILE RANGES

BALLISTIC TRAJECTORIES
 GS TRAJECTORIES
 . BALLISTIC TRAJECTORIES
 RT ASCENT TRAJECTORIES
 BALLISTICS
 COASTING FLIGHT
 DESCENT TRAJECTORIES
 DOWNRANGE
 FREE FALL
 IMPACT PREDICTION
 MIDCOURSE TRAJECTORIES
 MISSILE TRAJECTORIES
 PARABOLIC FLIGHT

∞ **BALLISTIC VEHICLES**
 SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)*
 UF NONLIFTING VEHICLES
 RT REENTRY VEHICLES
 ROCKET VEHICLES
 TEST VEHICLES
 WEAPONS

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BALLISTICS
 GS BALLISTICS
 . HYDROBALLISTICS
 . INTERIOR BALLISTICS
 . TERMINAL BALLISTICS
 RT AERODYNAMIC DRAG
 BALLISTIC TRAJECTORIES
 GAS GUNS
 HOWITZERS
 HYPERVELOCITY GUNS
 ORDNANCE
 PROJECTILES
 PROPELLANTS
 TRAJECTORIES
 TRAJECTORY ANALYSIS
 TRAJECTORY MEASUREMENT

BALLISTOCARDIOGRAPHY
 GS BIOENGINEERING
 . BIOMETRICS
 . . CARDIOGRAPHY
 . . . BALLISTOCARDIOGRAPHY
 RT ELECTROCARDIOGRAPHY
 PHONOCARDIOGRAPHY
 SEISMOCARDIOGRAPHY

BALLOON FLIGHT
 RT ∞ FLIGHT
 METEOROLOGICAL FLIGHT
 VERTICAL FLIGHT

BALLOON SOUNDING
 GS SOUNDING
 . BALLOON SOUNDING
 RT ATMOSPHERIC SOUNDING
 RADIOSONDES
 SUPERPRESSURE BALLOONS

BALLOON-BORNE INSTRUMENTS
 GS MEASURING INSTRUMENTS
 . BALLOON-BORNE INSTRUMENTS
 RT AIRBORNE EQUIPMENT
 ASTRONOMICAL TELESCOPES
 BALLOONS
 HIGH ALTITUDE BALLOONS
 METEOROLOGICAL INSTRUMENTS
 RADIOSONDES

BALLOONS
 GS EXPANDABLE STRUCTURES
 . INFLATABLE STRUCTURES
 . . BALLOONS
 . . . HIGH ALTITUDE BALLOONS
 . . . JIMSPHERE BALLOONS
 . . . SKYHOOK BALLOONS
 . . . SUPERPRESSURE BALLOONS
 . . . METEOROLOGICAL BALLOONS
 . . . JIMSPHERE BALLOONS
 . . . ROBIN BALLOONS
 . . . MICROBALLOONS
 . . . TETHERED BALLOONS
 RT ∞ AIRCRAFT
 AIRSHIPS
 ASCENT
 BALLOON-BORNE INSTRUMENTS
 BALLUTES
 FOLDING STRUCTURES
 GAS BAGS
 GONDOLAS
 OBSERVATION AIRCRAFT
 PARAVULCOONS
 PILOTLESS AIRCRAFT
 STRATOSCOPE TELESCOPES

BALLS
 RT BALL BEARINGS
 FALLING SPHERES
 JOINTS (JUNCTIONS)
 SPHERES
 VALVES

BALLUTES
 GS BRAKES (FOR ARRESTING MOTION)
 . AERODYNAMIC BRAKES
 . . BALLUTES
 DRAG DEVICES
 . AERODYNAMIC BRAKES
 . . BALLUTES
 EXPANDABLE STRUCTURES
 . INFLATABLE STRUCTURES
 . . BALLUTES
 RT AIR DROP OPERATIONS
 AIRCRAFT BRAKES
 BALLOONS
 DRAG CHUTES

BALLUTES-(CONT.)

FOLDING STRUCTURES
PARACHUTES

BALMER SERIES

GS SPECTRA
 . RADIATION SPECTRA
 . . ELECTROMAGNETIC SPECTRA
 . . . LINE SPECTRA
 **BALMER SERIES**
 RT ABSORPTION SPECTRA
 ATOMIC SPECTRA
 ELECTRON TRANSITIONS
 EMISSION SPECTRA
 H BETA LINE
 H GAMMA LINE
 H LINES
 HYDROGEN

BALSA

RT TREES (PLANTS)
WOOD

BALTIC SEA

GS SEAS
 . **BALTIC SEA**
 RT ESTONIA
 LATVIA

BALTIC SHIELD (EUROPE)

GS ROCKS
 . BEDROCK
 . . **BALTIC SHIELD (EUROPE)**
 RT EARTH RESOURCES
 EUROPE
 PRECAMBRIAN PERIOD

BANACH SPACE

GS ALGEBRA
 . VECTOR SPACES
 . . HILBERT SPACE
 . . . **BANACH SPACE**
 ANALYSIS (MATHEMATICS)
 . FUNCTION SPACE
 . . HILBERT SPACE
 . . . **BANACH SPACE**
 . FUNCTIONAL ANALYSIS
 . . HILBERT SPACE
 . . . **BANACH SPACE**
 RT HARMONIC ANALYSIS
 METRIC SPACE

BAND STRUCTURE OF SOLIDS

RT BRILLOUIN ZONES
 CONDUCTION BANDS
 ELECTRON TRANSITIONS
 ENERGY GAPS (SOLID STATE)
 FORBIDDEN BANDS
 HETEROJUNCTION DEVICES

BANDPASS FILTERS

GS ELECTROMAGNETIC WAVE FILTERS
 . **BANDPASS FILTERS**
 . . CRYSTAL FILTERS
 . . . TRACKING FILTERS
 RT ADAPTIVE FILTERS
 BANDWIDTH
 ELECTRIC FILTERS
 ∞ FILTERS
 FIR FILTERS
 MICROWAVE FILTERS
 OPTICAL FILTERS
 ULTRAVIOLET FILTERS
 VOCODERS

∞ BANDS

SN *(USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)*
 RT ANCHORS (FASTENERS)
 CLAMPS
 CLIPS
 CONDUCTION BANDS
 EDGE DISLOCATIONS
 ENERGY BANDS
 FASTENERS
 FREQUENCIES
 HOLDERS
 PHOTOLUMINESCENT BANDS
 PLASTIC DEFORMATION
 RING STRUCTURES
 SPECTRAL BANDS
 STRAPS

BANDWIDTH

GS **BANDWIDTH**
 . BROADBAND
 . SPECTRAL LINE WIDTH
 RT BANDPASS FILTERS
 BROADBAND AMPLIFIERS
 CHANNEL CAPACITY
 DYNAMIC CHARACTERISTICS
 FREQUENCIES
 FREQUENCY RANGES
 IMPEDANCE
 LASER WINDOWS
 RESONANT FREQUENCIES
 SPEECH BASEBAND COMPRESSION
 TRACKING FILTERS
 TRANSFER FUNCTIONS
 WIDTH
 WINDOWS (INTERVALS)

BANG-BANG CONTROL

USE OFF-ON CONTROL

BANGLADESH

RT ASIA
 INDIA
 NATIONS
 PAKISTAN

BANKING FLIGHT

USE TURNING FLIGHT

BARANY CHAIR

GS SEATS
 . **BARANY CHAIR**
 RT ROTATING ENVIRONMENTS
 TOLERANCES (PHYSIOLOGY)
 VERTIGO

BARBADOS

GS LANDFORMS
 . ISLANDS
 . . WEST INDIES
 . . . **BARBADOS**
 RT NATIONS

BARCHANS

USE DUNES

BARDEEN APPROXIMATION

USE BARRIER LAYERS
 ELECTRICAL PROPERTIES
 SURFACE PROPERTIES

BARDEEN-COOPER-SCHRIEFFER THEORY

USE BCS THEORY

BARENTS SEA

GS SEAS
 . **BARENTS SEA**
 RT ARCTIC OCEAN
 U.S.S.R.

BARITE

GS MINERALS
 . **BARITE**
 SULFUR COMPOUNDS
 . SULFATES
 . . **BARITE**

BARIUM

GS CHEMICAL ELEMENTS
 . **BARIUM**
 . . BARIUM ISOTOPES
 METALS
 . **BARIUM**
 . . BARIUM ISOTOPES

BARIUM ALLOYS

GS ALLOYS
 . **BARIUM ALLOYS**

BARIUM COMPOUNDS

GS **BARIUM COMPOUNDS**
 . BARIUM FERRATES
 . BARIUM FLUORIDES
 . BARIUM OXIDES
 . BARIUM STEARATES
 . BARIUM SULFIDES
 . BARIUM TITANATES
 . BARIUM ZIRCONATES
 RT ∞ALKALINE EARTH COMPOUNDS
 ∞METAL COMPOUNDS

BARIUM FERRATES

GS BARIUM COMPOUNDS
 . **BARIUM FERRATES**
 IRON COMPOUNDS
 . FERRATES
 . . **BARIUM FERRATES**

BARIUM FLUORIDES

GS BARIUM COMPOUNDS
 . **BARIUM FLUORIDES**
 HALOGEN COMPOUNDS
 . FLUORINE COMPOUNDS
 . . FLUORIDES
 . . . **BARIUM FLUORIDES**
 . HALIDES
 . . FLUORIDES
 . . . **BARIUM FLUORIDES**
 . . METAL HALIDES
 . . . **BARIUM FLUORIDES**

BARIUM ION CLOUDS

GS CLOUDS
 . CLOUDS (METEOROLOGY)
 . . ARTIFICIAL CLOUDS
 . . . CHEMICAL CLOUDS
 **BARIUM ION CLOUDS**
 RT ELECTRIC FIELDS
 GEOMAGNETISM
 LINES OF FORCE
 MAGNETOSPHERE
 METAL IONS
 ROCKET SOUNDING
 THERMITES

BARIUM ISOTOPES

GS CHEMICAL ELEMENTS
 . ALKALINE EARTH METALS
 . . **BARIUM ISOTOPES**
 . BARIUM
 . . **BARIUM ISOTOPES**
 . NUCLIDES
 . . ISOTOPES
 . . . **BARIUM ISOTOPES**
 METALS
 . ALKALINE EARTH METALS
 . . **BARIUM ISOTOPES**
 . BARIUM
 . . **BARIUM ISOTOPES**

BARIUM OXIDES

GS BARIUM COMPOUNDS
 . **BARIUM OXIDES**
 CHALCOGENIDES
 . OXIDES
 . . METAL OXIDES
 . . . ALKALINE EARTH OXIDES
 **BARIUM OXIDES**

BARIUM STEARATES

GS ALIPHATIC COMPOUNDS
 . STEARATES
 . . **BARIUM STEARATES**
 BARIUM COMPOUNDS
 . **BARIUM STEARATES**
 ESTERS
 . STEARATES
 . . **BARIUM STEARATES**

BARIUM SULFIDES

GS BARIUM COMPOUNDS
 . **BARIUM SULFIDES**
 CHALCOGENIDES
 . SULFIDES
 . . INORGANIC SULFIDES
 . . . **BARIUM SULFIDES**
 SULFUR COMPOUNDS
 . SULFIDES
 . . INORGANIC SULFIDES
 . . . **BARIUM SULFIDES**

BARIUM TITANATES

GS BARIUM COMPOUNDS
 . **BARIUM TITANATES**
 TITANIUM COMPOUNDS
 . TITANATES
 . . **BARIUM TITANATES**
 RT DIELECTRICS

BARIUM ZIRCONATES

GS BARIUM COMPOUNDS
 . **BARIUM ZIRCONATES**
 ZIRCONIUM COMPOUNDS
 . **BARIUM ZIRCONATES**

BARKHAUSEN EFFECT

RT ELECTROMAGNETIC MEASUREMENT
ELECTROMAGNETISM
OSCILLOGRAPHS

BARLEY

GS FARM CROPS
. GRAINS (FOOD)
. . . **BARLEY**
PLANTS (BOTANY)
. **BARLEY**
RT AGRICULTURE
BLIGHT
BOTANY
CROP GROWTH
CROP VIGOR
∞ CROPS
∞ FOOD
IRRIGATION
SEEDS

BAROCLINIC INSTABILITY

GS STABILITY
. **BAROCLINIC INSTABILITY**
RT ATMOSPHERIC CIRCULATION
ATMOSPHERIC MODELS
BAROCLINIC WAVES
BAROCLINITY
FLOW STABILITY
GEOSTROPHIC WIND
METEOROLOGY

BAROCLINIC WAVES

GS ELASTIC WAVES
. CAPILLARY WAVES
. . . GRAVITY WAVES
. . . **BAROCLINIC WAVES**
SURFACE WAVES
. CAPILLARY WAVES
. . . GRAVITY WAVES
. . . **BAROCLINIC WAVES**
RT BAROCLINIC INSTABILITY
BAROCLINITY
BAROTROPIC FLOW
CYCLONES
DENSITY DISTRIBUTION
GEOSTROPHIC WIND
RADIATION PRESSURE
STRATIFIED FLOW
WAVE AMPLIFICATION
∞ WAVES

BAROCLINITY

RT BAROCLINIC INSTABILITY
BAROCLINIC WAVES
BAROTROPIC FLOW
BAROTROPISM
∞ ISOBARS
METEOROLOGICAL SOLENOIDS
STRATIFIED FLOW

BAROMETERS

GS MEASURING INSTRUMENTS
. METEOROLOGICAL INSTRUMENTS
. . . **BAROMETERS**
. PRESSURE GAGES
. . . **BAROMETERS**
RT ALTIMETERS
HYPSONETERS
MANOMETERS
PRESSURE MEASUREMENT
VACUUM GAGES

BAROMETRIC PRESSURE

USE ATMOSPHERIC PRESSURE

BARORECEPTORS

GS ANATOMY
. SENSE ORGANS
. . . **BARORECEPTORS**
RECEPTORS (PHYSIOLOGY)
. **BARORECEPTORS**
RT PRESSURE
PROPRIOCEPTORS

BAROTRAUMA

GS INJURIES
. **BAROTRAUMA**
RT DECOMPRESSION SICKNESS
DIVING (UNDERWATER)

BAROTROPIC FLOW

GS FLUID FLOW
. **BAROTROPIC FLOW**

BAROTROPIC FLOW-(CONT.)

RT AIR CURRENTS
AIR FLOW
BAROCLINIC WAVES
BAROCLINITY
BAROTROPISM
FLOW CHARACTERISTICS
LEE WAVES
PLANETARY WAVES
RAYLEIGH WAVES
ROSSBY REGIMES
SEA BREEZE
VISCOUS FLOW
WIND (METEOROLOGY)
WIND SHEAR

BAROTROPISM

GS **BAROTROPISM**
. PLANETARY WAVES
RT BAROCLINITY
BAROTROPIC FLOW
∞ ISOBARS

∞ BARRAGES

SN *(USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)*
RT ARTILLERY FIRE
DAMS

BARRED GALAXIES

GS CELESTIAL BODIES
. GALAXIES
. . . SPIRAL GALAXIES
. . . **BARRED GALAXIES**
RT DISK GALAXIES
GALACTIC STRUCTURE
HUBBLE DIAGRAM
STAR CLUSTERS
STAR DISTRIBUTION
STARS
VIRGO GALACTIC CLUSTER

∞ BARRELS

SN *(USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)*
RT BARRELS (CONTAINERS)
∞ DRUMS
GUN LAUNCHERS

BARRELS (CONTAINERS)

UF CASKS
RT ∞ BARRELS
∞ CONTAINERS
DRUMS (CONTAINERS)

BARREN LAND

UF BARRENS
GS LAND
. **BARREN LAND**
RT ARID LANDS
BADLANDS
DESERTS
LAND USE
SAHARA DESERT (AFRICA)
SITES
SOILS
TOPOGRAPHY

BARRENS

USE BARREN LAND

BARRICADES

USE BARRIERS

BARRIER INJECTION TRANSIT TIME DIODES

USE BARRITT DIODES

BARRIER LAYERS

UF BARDEEN APPROXIMATION
RT ∞ BARRIERS
BARRITT DIODES
INTERLAYERS
JFET
JOINTS (JUNCTIONS)
JUNCTION DIODES
JUNCTION TRANSISTORS
∞ LAYERS
MBM JUNCTIONS
NONOHMIC EFFECT
SEALS (STOPPERS)
SEMICONDUCTOR DEVICES
SIS (SEMICONDUCTORS)

BARRIER LAYERS-(CONT.)

SURFACE LAYERS
WATERPROOFING
ZENER EFFECT

∞ BARRIERS

SN *(USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)*
UF BARRICADES
OBSTACLES
RT ABORT APPARATUS
ACOUSTIC VELOCITY
ARRESTING GEAR
BAFFLES
BARRIER LAYERS
BULKHEADS
CHAINS
CLOSURES
CONSTRICTIONS
CURTAINS
DAMS
DIVIDERS
ELECTRODE FILM BARRIERS
ENCLOSURES
GATES (OPENINGS)
GUARDS (SHIELDS)
SAFETY DEVICES
SEALS (STOPPERS)
SHIELDING
WALLS
WIND (METEOROLOGY)
WINDOWS (APERTURES)

BARRIERS (LANDFORMS)

GS LANDFORMS
. **BARRIERS (LANDFORMS)**
. . . OUTER BANKS (NC)
. . . REEFS
RT BARS (LANDFORMS)
ISLAND ARCS

BARRITT DIODES

UF BARRIER INJECTION TRANSIT TIME
DIODES
GS ELECTRONIC EQUIPMENT
. DIODES
. . . SEMICONDUCTOR DIODES
. . . **BARRITT DIODES**
. . . SOLID STATE DEVICES
. . . SEMICONDUCTOR DEVICES
. . . **BARRITT DIODES**
RT AVALANCHE DIODES
BARRIER LAYERS
CARRIER INJECTION
CRYOSAR
ELECTRIC POTENTIAL
INJECTION
JUNCTION DIODES
MICROWAVE OSCILLATORS
RECTIFIERS
SCHOTTKY DIODES
SEMICONDUCTOR JUNCTIONS
SHOT NOISE
TRANSIT TIME

BARS

GS **BARS**
. ELASTIC BARS
. PRISMATIC BARS
RT METAL PLATES
RODS
STRUCTURAL MEMBERS

BARS (LANDFORMS)

UF TOMBOLOS
GS LANDFORMS
. **BARS (LANDFORMS)**
RT BARRIERS (LANDFORMS)
BEACHES
COASTAL PLAINS
LAGOONS
LITTORAL DRIFT
REEFS

BARYCENTER

USE CENTER OF GRAVITY

BARYON RESONANCES

GS PARTICLES
. ELEMENTARY PARTICLES
. . . FERMIONS
. . . **BARYON RESONANCES**
RESONANCE
. **BARYON RESONANCES**

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BAYS (TOPOGRAPHIC FEATURES)

BARYON RESONANCES-(CONT.)

RT BARYONS
HYPERONS

BARYONS

GS PARTICLES
. ELEMENTARY PARTICLES
. . . FERMIONS
. . . BARYONS
. . . . HYPERONS
. XI HYPERONS
. OMEGA-MESONS
. RHO-MESONS
. SIGMA-MESONS
. . . HADRONS
. . . BARYONS
. . . . OMEGA-MESONS
. RHO-MESONS
. SIGMA-MESONS
RT BARYON RESONANCES
COLD NEUTRONS
ETA-MESONS
FAST NEUTRONS
K-MESONS
MESON RESONANCES
MESONS
MUONS
NEUTRONS
NUCLEONS
PHOTONEUTRONS
PIONS
PROTONS
RECOIL PROTONS
SOLAR PROTONS
THERMAL NEUTRONS

BASALT

GS ROCKS
. IGNEOUS ROCKS
. . BASALT
RT CONES (VOLCANOES)
MARS VOLCANOES
REGOLITH
SOILS
VOLCANOES
VOLCANOLOGY

BASE FLOW

SN (FLUID FLOW AT THE BASE OR
EXTREME AFT END OF A BODY)
GS FLUID FLOW
. BASE FLOW
RT HEAD FLOW
WAKES

BASE HEATING

GS HEATING
. BASE HEATING
RT AFTERBODIES
CONVECTION
EXHAUST NOZZLES
JET EXHAUST
JET IMPINGEMENT
∞ RADIATION
ROCKET EXHAUST

BASE PRESSURE

GS PRESSURE
. BASE PRESSURE
RT AERODYNAMIC DRAG

BASEMENTS

RT ∞ BUILDINGS
FLOORS
FOUNDATIONS

∞ BASES

SN (USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)
RT BASES (CHEMICAL)
DATA BASES
FOUNDATIONS
INORGANIC COMPOUNDS
ION CONCENTRATION
LUNAR BASES
SPACE BASES
STATIONS

BASES (CHEMICAL)

RT ALKALIES
ANHYDRIDES
∞ BASES

BASES (FOUNDATIONS)

USE FOUNDATIONS

BASIC (PROGRAMMING LANGUAGE)

GS LANGUAGES
. PROGRAMMING LANGUAGES
. . BASIC (PROGRAMMING LANGUAGE)
RT COMPUTER PROGRAMMING

BASINS

USE STRUCTURAL BASINS

BASINS (CONTAINERS)

RT PONDS
RESERVOIRS
TANKS (CONTAINERS)

BASKETS

RT ∞ CONTAINERS
GONDOLAS

BASTNASITE

GS CARBON COMPOUNDS
. CARBONATES
. . BASTNASITE
MINERALS
. BASTNASITE
RARE EARTH COMPOUNDS
. CERIUM COMPOUNDS
. . BASTNASITE

BATCH PROCESSING

GS DATA PROCESSING
. BATCH PROCESSING
RT COMPUTER PROGRAMMING
COMPUTER PROGRAMS
DATA PROCESSING EQUIPMENT
∞ PROCESSING

BATHING

RT COOLING
HYGIENE
WASHING
WASTE WATER

BATHOLITHS

GS ROCK INTRUSIONS
. BATHOLITHS
RT GRANITE
IGNEOUS ROCKS
ROCKS

BATHS

SN (EXCLUDES BATHING)
GS BATHS
. SALT BATHS
RT DIPPING
ELECTROPLATING
HEAT TRANSFER
QUENCHING (COOLING)
∞ SOAKING
SUBMERGING
WATER IMMERSION

BATHYMETERS

UF BATHYMETRY
GS MEASURING INSTRUMENTS
. BATHYMETERS
RT DEPTH MEASUREMENT
OCEANOGRAPHY
SOUNDING
UNDERWATER RESEARCH
LABORATORIES

BATHYMETRY

USE BATHYMETERS

BATHYTHERMOGRAPHS

GS MEASURING INSTRUMENTS
. TEMPERATURE MEASURING
INSTRUMENTS
. . BATHYTHERMOGRAPHS
RECORDING INSTRUMENTS
. BATHYTHERMOGRAPHS
RT PRESSURE GRADIENTS
TEMPERATURE GRADIENTS

BATS

GS ANIMALS
. VERTEBRATES
. . MAMMALS
. . . BATS
. WILDLIFE
. . BATS

BATTERIES

USE ELECTRIC BATTERIES

BATTERY CHARGERS

RT CHARGE EFFICIENCY
∞ CHARGING
ELECTRIC BATTERIES
PULSE CHARGING
STORAGE BATTERIES

BATTERY SEPARATORS

USE SEPARATORS

BAUSCHINGER EFFECT

RT ∞ EFFECTS
FATIGUE (MATERIALS)
MICROSTRUCTURE

BAUXITE

RT ALUMINUM OXIDES
MINERALS
ROCKS

BAY ICE

GS ICE
. BAY ICE
RT FREEZING
FROST
ICE FORMATION
ICE MAPPING
ICE REPORTING
LAKE ICE
LOW TEMPERATURE
NAVIGATION
OCEANOGRAPHY
SEA ICE
SLUSH
WATER

BAYARD-ALPERT IONIZATION GAGES

GS MEASURING INSTRUMENTS
. PRESSURE GAGES
. . VACUUM GAGES
. . . IONIZATION GAGES
. . . . BAYARD-ALPERT IONIZATION
GAGES
VACUUM APPARATUS
. VACUUM GAGES
. . IONIZATION GAGES
. . . BAYARD-ALPERT IONIZATION
GAGES
RT HOT CATHODES

BAYES THEOREM

UF BAYESIAN STATISTICS
GS THEOREMS
. BAYES THEOREM
RT QUALITY CONTROL
SAMPLING

BAYESIAN STATISTICS

USE BAYES THEOREM

BAYOUS

GS LANDFORMS
. INLETS (TOPOGRAPHY)
. . BAYOUS
RT LAKES
MARSHLANDS
RIVERS

∞ BAYS

SN (USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)
RT BAYS (STRUCTURAL UNITS)
BAYS (TOPOGRAPHIC FEATURES)

BAYS (STRUCTURAL UNITS)

RT AIRCRAFT COMPARTMENTS
AIRFRAMES
∞ BAYS
COMPARTMENTS
FUSELAGES
HULLS (STRUCTURES)
SHELLS (STRUCTURAL FORMS)

BAYS (TOPOGRAPHIC FEATURES)

UF BIGHTS
COVES
GS BAYS (TOPOGRAPHIC FEATURES)
. CHESAPEAKE BAY (US)
. DELAWARE BAY (US)
. MONTEREY BAY (CA)

BBGKY HIERARCHY

BAYS (TOPOGRAPHIC FEATURES)-(CONT.)

. SAGINAW BAY (MI)
. SAN FRANCISCO BAY (CA)
. SAN PABLO BAY (CA)
RT ∞ BAYS
GULFS
INLETS (TOPOGRAPHY)

BBGKY HIERARCHY

GS CLASSIFICATIONS
. HIERARCHIES
. BBGKY HIERARCHY
RT BOGOLIUBOV THEORY
BOLTZMANN TRANSPORT EQUATION
EQUATIONS OF STATE
FOURIER TRANSFORMATION
KINETIC EQUATIONS
PLASMA PHYSICS

BCAS

USE BEACON COLLISION AVOIDANCE
SYSTEM

BCC LATTICES

USE BODY CENTERED CUBIC LATTICES

BCH CODES

UF BOSE-CHAUDHURI-HOCQUENGHEM
CODES
RT BINARY CODES
∞ CODES
CODING
COMPUTER PROGRAMMING
DECODERS
DECODING
DIGITAL TECHNIQUES
ERROR CORRECTING DEVICES
INFORMATION THEORY
PARITY
RANDOM ERRORS

BCS THEORY

UF BARDEEN-COOPER-SCHRIEFFER THEORY
RT MANY BODY PROBLEM
SUPERCONDUCTIVITY
THERMODYNAMIC COUPLING

BE A

USE BEACON EXPLORER A

BE B

USE EXPLORER 22 SATELLITE

BE C

USE EXPLORER 27 SATELLITE

BE-3 ENGINE

GS ENGINES
. ROCKET ENGINES
. RETROCKET ENGINES
. BE-3 ENGINE
RT ATHENA ROCKET VEHICLE
RANGER LUNAR LANDING VEHICLES
SOLID PROPELLANT ROCKET ENGINES

BEACHES

UF ADVANCING SHORELINES
BACKSHORES
INSHORE ZONES
RT BARS (LANDFORMS)
COASTAL CURRENTS
COASTAL PLAINS
COASTS
CUSPS (LANDFORMS)
DUNES
LAGOONS
LAKES
LITTORAL DRIFT
MARINE ENVIRONMENTS
SHOALS
SHORELINES
TOPOGRAPHY
WATERFOWL

BEACON COLLISION AVOIDANCE SYSTEM

UF BCAS
GS AVOIDANCE
. COLLISION AVOIDANCE
. BEACON COLLISION AVOIDANCE
SYSTEM
RT AIR TRAFFIC CONTROL
AIRCRAFT SAFETY
MIDAIR COLLISIONS
RADIO BEACONS

BEACON COLLISION AVOIDANCE-(CONT.) TRANSPONDERS

BEACON EXPLORER A

UF BE A
S-66 SATELLITE
GS EXPANDABLE STRUCTURES
. INFLATABLE STRUCTURES
. INFLATABLE SPACECRAFT
. BEACON SATELLITES
. BEACON EXPLORER A
SATELLITES
. ARTIFICIAL SATELLITES
. PASSIVE SATELLITES
. BEACON SATELLITES
. BEACON EXPLORER A
EARTH SATELLITES
. PASSIVE SATELLITES
. BEACON SATELLITES
. BEACON EXPLORER A
SPACE ERECTABLE STRUCTURES
. BEACON EXPLORER A
UNMANNED SPACECRAFT
. PASSIVE SATELLITES
. BEACON SATELLITES
. BEACON EXPLORER A
RT DELTA LAUNCH VEHICLE

BEACON EXPLORER B

USE EXPLORER 22 SATELLITE

BEACON EXPLORER C

USE EXPLORER 27 SATELLITE

BEACON SATELLITES

UF POLAR IONOSPHERE BEACON
GS EXPANDABLE STRUCTURES
. INFLATABLE STRUCTURES
. INFLATABLE SPACECRAFT
. BEACON SATELLITES
. BEACON EXPLORER A
. EXPLORER 22 SATELLITE
SATELLITES
. ARTIFICIAL SATELLITES
. PASSIVE SATELLITES
. BEACON SATELLITES
. BEACON EXPLORER A
. EXPLORER 22 SATELLITE
EARTH SATELLITES
. PASSIVE SATELLITES
. BEACON SATELLITES
. BEACON EXPLORER A
. EXPLORER 22 SATELLITE
SPACE ERECTABLE STRUCTURES
. INFLATABLE SPACECRAFT
. BEACON SATELLITES
. EXPLORER 22 SATELLITE
UNMANNED SPACECRAFT
. PASSIVE SATELLITES
. BEACON SATELLITES
. BEACON EXPLORER A
. EXPLORER 22 SATELLITE
RT LOCATES SYSTEM

BEACONS

GS NAVIGATION AIDS
. BEACONS
. AIRPORT BEACONS
. DISCRETE ADDRESS BEACON
SYSTEM
. RADAR BEACONS
. DISCRETE ADDRESS BEACON
SYSTEM
. RADIO BEACONS
. OMNIDIRECTIONAL RADIO RANGES
. SELF CALIBRATING OMNIRANGE
. RADIO DIRECTION FINDERS
RT AIRCRAFT LIGHTS
BUOYS
COMPASSES
HOMING
HOMING DEVICES
INSTRUMENT FLIGHT RULES
∞ MARKERS
POSITION INDICATORS
PROJECTORS
SEARCHLIGHTS
∞ SIGNALS
SOLAR COMPASSES
VISUAL SIGNALS

BEADS

RT SPOT WELDS
WELDED JOINTS
WELDING

NASA THESAURUS (VOLUME 1)

BEAGLE AIRCRAFT

GS BEAGLE AIRCRAFT
. M-218 AIRCRAFT
. WA-116 AUTOGIRO
RT ∞ AIRCRAFT

BEAGLE MILES M-218 AIRCRAFT

USE M-218 AIRCRAFT

BEAGLE PROJECT

GS PROGRAMS
. PROJECTS
RT ∞ BEAGLE PROJECT
VOYAGER PROJECT

BEAGLE-WALLIS WA-116 AUTOGYRO

USE WA-116 AUTOGIRO

BEAM CURRENTS

GS ELECTRIC CURRENT
. BEAM CURRENTS
RT BACKWARD WAVE TUBES
BRILLOUIN FLOW
∞ CURRENTS
PLASMA CURRENTS

BEAM INJECTION

RT ELECTRON BEAMS
ION BEAMS
NEUTRAL BEAMS
PLASMA HEATING
PLASMA-PARTICLE INTERACTIONS
TOKAMAK DEVICES
TOROIDAL PLASMAS

BEAM INTERACTIONS

RT BEAMS (RADIATION)
COLLISION PARAMETERS
HIGH ENERGY INTERACTIONS

BEAM LEADS

GS JOINTS (JUNCTIONS)
. BEAM LEADS
WIRING
RT ∞ BEAM LEADS
BONDING
ELECTRIC CONNECTORS
∞ JOINING
MICROELECTRONICS
MICROMODULES
SOLDERED JOINTS

BEAM NEUTRALIZATION

RT BEAMS (RADIATION)
ELECTRON BEAMS
ION BEAMS
NEUTRAL BEAMS

BEAM PLASMA AMPLIFIERS

GS AMPLIFIERS
. BEAM PLASMA AMPLIFIERS
RT ELECTRON BEAMS
MILLIMETER WAVES
PLASMA-PARTICLE INTERACTIONS
PLASMAS (PHYSICS)
RELATIVISTIC ELECTRON BEAMS

BEAM RIDER GUIDANCE

GS GUIDANCE (MOTION)
. BEAM RIDER GUIDANCE
RT MISSILE CONTROL
MISSILE SYSTEMS

BEAM SPLITTERS

RT BEAMS (RADIATION)
PARTICLE ACCELERATORS
PARTICLE BEAMS
SCATTER PLATES (OPTICS)

BEAM SWITCHING

GS SWITCHING
. BEAM SWITCHING
RT BEAMS (RADIATION)
ELECTRON OPTICS
ION ENGINES
LASERS
MAGNETIC SWITCHING
PACKET SWITCHING

BEAM WAVEGUIDES

GS TRANSMISSION LINES
. BEAM WAVEGUIDES
RT COLLIMATORS
PHOTON BEAMS

NASA THESAURUS (VOLUME 1)

BEECHCRAFT 18 AIRCRAFT

BEAM WAVEGUIDES-(CONT.)

PLASMA GUIDES
RECTANGULAR GUIDES
WAVE PROPAGATION
YOKES

BEAMS

SN *(USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)*
RT BEAMS (RADIATION)
BEAMS (SUPPORTS)

BEAMS (RADIATION)

GS BEAMS (RADIATION)
. GAMMA RAY BEAMS
. MICROBEAMS
. PARTICLE BEAMS
. ATOMIC BEAMS
. ELECTRON BEAMS
. RELATIVISTIC ELECTRON BEAMS
. ION BEAMS
. NEUTRAL BEAMS
. MOLECULAR BEAMS
. NEUTRON BEAMS
. NEUTRINO BEAMS
. PION BEAMS
. PROTON BEAMS
. PHONON BEAMS
. PHOTON BEAMS
. LIGHT BEAMS
. RADAR BEAMS
RT BEAM INTERACTIONS
BEAM NEUTRALIZATION
BEAM SPLITTERS
BEAM SWITCHING
BEAMS
COHERENT ELECTROMAGNETIC
RADIATION
COHERENT RADIATION
CORPUSCULAR RADIATION
ELECTROMAGNETIC RADIATION
EXTREME ULTRAVIOLET RADIATION
INFRARED RADIATION
IONIZING RADIATION
IRRADIATION
LIGHT (VISIBLE RADIATION)
LONGITUDINAL WAVES
MONOCHROMATIC RADIATION
PLANE WAVES
RADIATION
BEAMS
SUBMILLIMETER WAVES
ULTRAVIOLET RADIATION

BEAMS (SUPPORTS)

UF STRUCTURAL BEAMS
GS STRUCTURAL MEMBERS
. BEAMS (SUPPORTS)
. BOX BEAMS
. CANTILEVER BEAMS
. CURVED BEAMS
. I BEAMS
. RECTANGULAR BEAMS
. TIMOSHENKO BEAMS
RT BEAMS
COLUMNS (SUPPORTS)
GIRDERS
HEADERS
T SHAPE
TRUSSES

BEAMSHAPING

USE COLLIMATION

BEARING

SN *(USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)*
RT BEARING (DIRECTION)
BEARINGS
INTERNAL COMBUSTION ENGINES

BEARING (DIRECTION)

RT ALIGNMENT
AZIMUTH
BEARING
DIRECTION
EXPOSURE
FIELD OF VIEW
INSTRUMENT ORIENTATION
ORIENTATION
POSITION (LOCATION)
SOUND LOCALIZATION
SPACE ORIENTATION

BEARING ALLOYS

GS ALLOYS
RT BEARING ALLOYS
ALUMINUM ALLOYS
BABBITT METAL
BEARINGS
CADMIUM ALLOYS
COPPER ALLOYS
IRON ALLOYS
LEAD ALLOYS
METAL POWDER
SILVER ALLOYS
TIN ALLOYS
ZINC ALLOYS

BEARINGLESS ROTORS

GS AIRFOILS
. WINGS
. ROTARY WINGS
. LIFTING ROTORS
. BEARINGLESS ROTORS
ROTATING BODIES
ROTORS
. ROTARY WINGS
. LIFTING ROTORS
. BEARINGLESS ROTORS
RT HINGES
RIGID ROTORS

BEARINGS

GS BEARINGS
. ANTI-FRICTION BEARINGS
. BALL BEARINGS
. ROLLER BEARINGS
. FOIL BEARINGS
. GAS BEARINGS
. JOURNAL BEARINGS
. LIQUID BEARINGS
. NEEDLE BEARINGS
. THRUST BEARINGS
RT BEARING
BEARING ALLOYS
BOUNDARY LUBRICATION
BUSHINGS
GIMBALS
IDLER
INTERNAL COMBUSTION ENGINES
LUBRICATION
PACKINGS (SEALS)
PIVOTS
SHAFTS (MACHINE ELEMENTS)
SUPPORTS
SUSPENSION SYSTEMS (VEHICLES)
SWIVELS
WHEELS

BEARS

GS ANIMALS
. VERTEBRATES
. MAMMALS
. BEARS

BEAT

USE SYNCHRONISM

BEAT FREQUENCIES

GS FREQUENCIES
. BEAT FREQUENCIES
RT GROUP VELOCITY
INTERMEDIATE FREQUENCY AMPLIFIERS
MOIRE EFFECTS
RESONANT FREQUENCIES
STANDING WAVES
SUPERHETERODYNE RECEIVERS

BEAUFORT SEA (NORTH AMERICA)

GS SEAS
RT BEAUFORT SEA (NORTH AMERICA)
ALASKA
ARCTIC OCEAN
CANADA

BED REST

GS REST
. BED REST
RT CALCIUM METABOLISM
CLINICAL MEDICINE
ORTHOSTATIC TOLERANCE

BEDDING EQUIPMENT

RT BLANKETS
EQUIPMENT

BEDIASITES

GS CELESTIAL BODIES
. METEORITES
. STONY METEORITES
. TEKTTITES
. BEDIASITES
RT AUSTRALITES

BEDROCK

UF SHIELDS (GEOLOGY)
GS ROCKS
. BEDROCK
. BALTIC SHIELD (EUROPE)
RT EARTH RESOURCES
GEOLOGY
REGOLITH
SHELVES
SOILS
STRATA
STRATIFICATION
STRATIGRAPHY
TUNNELING (EXCAVATION)

BEDS

RT BEDS (PROCESS ENGINEERING)
COUCHES

BEDS (GEOLOGY)

UF LAKE BEDS
GS LANDFORMS
. BEDS (GEOLOGY)
. SALT BEDS
RT GEOLOGY
OCEAN BOTTOM
STRATA
STRATIGRAPHY

BEDS (PROCESS ENGINEERING)

RT BEDS
CHEMICAL REACTORS
EXTRACTION
FILTRATION
FLUIDIZED BED PROCESSORS
ION EXCHANGING
PERCOLATION

BEECH AIRCRAFT

USE BEECHCRAFT AIRCRAFT

BEECH C-33 AIRCRAFT

USE C-33 AIRCRAFT

BEECH S-35 AIRCRAFT

USE C-35 AIRCRAFT

BEECH 99 AIRCRAFT

GS BEECHCRAFT AIRCRAFT
. BEECH 99 AIRCRAFT
. BEECHCRAFT 18 AIRCRAFT
. BEECHCRAFT 95 AIRCRAFT
. C-33 AIRCRAFT
. C-35 AIRCRAFT
LIGHT AIRCRAFT
. BEECH 99 AIRCRAFT
. BEECHCRAFT 18 AIRCRAFT
. BEECHCRAFT 95 AIRCRAFT
. C-33 AIRCRAFT
. C-35 AIRCRAFT
RT AIRCRAFT
LOW WING AIRCRAFT

BEECHCRAFT AIRCRAFT

UF BEECH AIRCRAFT
GS BEECHCRAFT AIRCRAFT
. BEECH 99 AIRCRAFT
. BEECHCRAFT 18 AIRCRAFT
. BEECHCRAFT 95 AIRCRAFT
. C-33 AIRCRAFT
. C-35 AIRCRAFT
RT AIRCRAFT

BEECHCRAFT 18 AIRCRAFT

GS BEECHCRAFT AIRCRAFT
. BEECH 99 AIRCRAFT
. BEECHCRAFT 18 AIRCRAFT
GENERAL AVIATION AIRCRAFT
. BEECHCRAFT 18 AIRCRAFT
LIGHT AIRCRAFT
. BEECH 99 AIRCRAFT
. BEECHCRAFT 18 AIRCRAFT
MONOPLANES
. BEECHCRAFT 18 AIRCRAFT

BEECHCRAFT 95 AIRCRAFT

BEECHCRAFT 95 AIRCRAFT

GS BEECHCRAFT AIRCRAFT
 . BEECH 99 AIRCRAFT
 . . BEECHCRAFT 95 AIRCRAFT
 GENERAL AVIATION AIRCRAFT
 . BEECHCRAFT 95 AIRCRAFT
 LIGHT AIRCRAFT
 . BEECH 99 AIRCRAFT
 . . BEECHCRAFT 95 AIRCRAFT
 MONOPLANES
 . BEECHCRAFT 95 AIRCRAFT

BEER LAW

RT ABSORPTIVITY
 BOUGUER LAW
 ELECTROMAGNETIC ABSORPTION
 MOLECULAR ABSORPTION

BEES

GS ANIMALS
 . INVERTEBRATES
 . . ARTHROPODS
 . . . INSECTS
 BEES
 RT SWARMING

BEETLES

GS ANIMALS
 . INVERTEBRATES
 . . ARTHROPODS
 . . . INSECTS
 CRICKETS
 BEETLES
 TRIBOLIA
 RT INFESTATION

BEHAVIOR

GS BEHAVIOR
 . DECONDITIONING
 . HUMAN BEHAVIOR
 RT CONDITIONING (LEARNING)
 DIAGNOSIS
 EDUCATION
 EXTROVERSION
 LEARNING
 MIGRATION
 SKINNER BOXES

BELFAST AIRCRAFT

USE SC-5 AIRCRAFT

BELGIAN CONGO

USE ZAIRE

BELGIUM

RT EUROPE
 NATIONS

BELIZE

UF BRITISH HONDURAS
 RT CARIBBEAN SEA
 CENTRAL AMERICA
 NATIONS

BELL AIRCRAFT

GS BELL AIRCRAFT
 . AH-63 HELICOPTER
 . BELL 214A HELICOPTER
 . OH-4 HELICOPTER
 . OH-13 HELICOPTER
 . UH-1 HELICOPTER
 . X-1 AIRCRAFT
 . X-2 AIRCRAFT
 . X-5 AIRCRAFT
 . X-14 AIRCRAFT
 . X-22 AIRCRAFT
 . XV-3 AIRCRAFT
 . XV-15 AIRCRAFT
 RT ∞ AIRCRAFT

BELL 214A HELICOPTER

GS BELL AIRCRAFT
 . BELL 214A HELICOPTER
 V/STOL AIRCRAFT
 . ROTARY WING AIRCRAFT
 . . HELICOPTERS
 . . . BELL 214A HELICOPTER
 RT ∞ AIRCRAFT
 VERTICAL TAKEOFF AIRCRAFT

BELLMAN THEORY

RT DYNAMIC PROGRAMMING
 OPTIMIZATION

BELLOWS

SN (EXPANDABLE JOINTS--FOR DEVICES TO
 MOVE GASES, USE BLOWERS)
 GS EXPANDABLE STRUCTURES
 . BELLOWS
 RT EXPULSION BLADDERS
 PUMPS

BELLS

RT AUDITORY SIGNALS
 PRESSURE VESSELS
 PSYCHOACOUSTICS
 ∞ SIGNALS
 SOUND GENERATORS
 WARNING
 WARNING SYSTEMS

BELTRAMI FLOW

GS FLUID FLOW
 . BELTRAMI FLOW
 RT INCOMPRESSIBLE FLOW
 STEADY FLOW
 VORTICITY

∞ BELTS

SN (USE OF A MORE SPECIFIC TERM IS
 RECOMMENDED--CONSULT THE TERMS
 LISTED BELOW)
 RT ASTEROID BELTS
 CABLES (ROPES)
 FASTENERS
 GIRDLES
 PULLEYS
 RADIATION BELTS
 REGIONS
 ROUSE BELTS
 SEAT BELTS
 TERRESTRIAL DUST BELT

BENARD CELLS

RT CONVECTION CURRENTS
 RAYLEIGH NUMBER
 SOLAR GRANULATION

BENCHES

USE SEATS

BENDING

GS BENDING
 . ELASTIC BENDING
 RT ∞ BOWS
 BUCKLING
 CAMBER
 DEFLECTION
 DEFORMATION
 DISPLACEMENT
 DISTORTION
 ELASTIC DEFORMATION
 FATIGUE TESTS
 FIBER STRENGTH
 FLEXIBILITY
 FLEXING
 FLUTTER
 FOLDING
 HEAVING
 MODULUS OF ELASTICITY
 PLASTIC DEFORMATION
 STIFFNESS
 STRUCTURAL FAILURE
 STRUCTURAL STRAIN
 TEMPERATURE INVERSIONS
 TWISTING
 WARPAGE

BENDING DIAGRAMS

GS DIAGRAMS
 . BENDING DIAGRAMS
 RT DEFLECTION

BENDING FATIGUE

GS FATIGUE (MATERIALS)
 . BENDING FATIGUE
 RT METAL FATIGUE
 S-N DIAGRAMS

BENDING MOMENTS

GS MOMENTS
 . BENDING MOMENTS
 RT LOADING MOMENTS
 NASTRAN
 STATIC LOADS
 STRESS ANALYSIS
 STRUCTURAL DESIGN CRITERIA
 TORQUE

NASA THESAURUS (VOLUME 1)

BENDING THEORY

RT STRESS ANALYSIS
 STRESS INTENSITY FACTORS
 ∞ THEORIES

BENDING VIBRATION

GS VIBRATION
 . STRUCTURAL VIBRATION
 . . BENDING VIBRATION
 RT BREATHING VIBRATION
 FLUTTER
 MISSILE VIBRATION
 PANEL FLUTTER
 RANDOM VIBRATION
 SELF INDUCED VIBRATION

BENDS (PHYSIOLOGY)

USE DECOMPRESSION SICKNESS

BENEFICIATION

RT ∞ ABSORPTION
 ADSORPTION
 AERATION
 CLEAN FUELS
 COMMUNION
 CONCENTRATING
 ∞ CONDITIONING
 ENRICHMENT
 EXPLOITATION
 EXTRACTION
 FILTRATION
 FLOTATION
 FOAMING
 ISOTOPIC ENRICHMENT
 LEACHING
 ∞ METALLURGY
 MINERALS
 PURIFICATION
 REFINING
 ∞ SEPARATION
 SETTLING
 SIZE SEPARATION
 SUBLIMATION
 UPGRADING
 WASHING
 WASTES

BENSEN B-8M AUTOGYRO

GS V/STOL AIRCRAFT
 . ROTARY WING AIRCRAFT
 . . AUTOGYROS
 . . . BENSEN B-8M AUTOGYRO

BENTONITE

RT MONTMORILLONITE
 SOILS
 WATER TREATMENT

BENZENE

GS HYDROCARBONS
 . BENZENE
 RT CHLOROBENZENES
 CYCLOHEXANE
 SOLVENT REFINED COAL

BENZENE POISONING

RT HYDROCARBON POISONING
 INDUSTRIAL SAFETY
 ∞ POISONING
 TOXICITY AND SAFETY HAZARD
 TOXICOLOGY

BENZILIC ACID

GS ACIDS
 . FATTY ACIDS
 . . CARBOXYLIC ACIDS
 . . . BENZILIC ACID

BENZOIC ACID

GS ACIDS
 . FATTY ACIDS
 . . CARBOXYLIC ACIDS
 . . . BENZOIC ACID

BERENICE ROCKET VEHICLE

GS ROCKET VEHICLES
 . MULTISTAGE ROCKET VEHICLES
 . . BERENICE ROCKET VEHICLE
 RT HYPERSONIC REENTRY
 SOLID PROPELLANT ROCKET ENGINES

BERGMAN OPERATOR

GS OPERATORS (MATHEMATICS)
 . BERGMAN OPERATOR

BERING SEA

GS SEAS
 . **BERING SEA**
 RT PACIFIC OCEAN

BERKELIUM

GS CHEMICAL ELEMENTS
 . ACTINIDE SERIES
 . . . TRANSURANIUM ELEMENTS
 . . . **BERKELIUM**
 . . . NUCLIDES
 . . . ISOTOPES
 RADIOACTIVE ISOTOPES
 TRANSURANIUM ELEMENTS
 **BERKELIUM**
 HEAVY ELEMENTS
 TRANSURANIUM ELEMENTS
 **BERKELIUM**
 METALS
 ACTINIDE SERIES
 TRANSURANIUM ELEMENTS
 **BERKELIUM**

BERMUDA

GS LANDFORMS
 . ISLANDS
 . . **BERMUDA**
 RT ATLANTIC OCEAN

BERNOULLI EQUATION

USE BERNOULLI THEOREM

BERNOULLI THEOREM

UF BERNOULLI EQUATION
 GS THEOREMS
 . **BERNOULLI THEOREM**
 RT FLUID FLOW
 ISENTROPIC PROCESSES
 LINEARIZATION
 MAGNUS EFFECT
 PANEL METHOD (FLUID DYNAMICS)

BERNSTEIN ENERGY PRINCIPLE

GS STRUCTURAL ANALYSIS
 . ENERGY METHODS
 . . **BERNSTEIN ENERGY PRINCIPLE**
 RT ∞ ENERGY
 MAGNETIC FIELDS

BERYL

UF EMERALD
 GS ALUMINUM COMPOUNDS
 . **BERYL**
 BERYLLIUM COMPOUNDS
 **BERYL**
 MINERALS
 **BERYL**
 SILICON COMPOUNDS
 SILICATES
 **BERYL**
 RT BERYLLIUM

BERYLLIUM

GS CHEMICAL ELEMENTS
 . **BERYLLIUM**
 BERYLLIUM ISOTOPES
 BERYLLIUM 7
 BERYLLIUM 9
 BERYLLIUM 10
 METALS
 **BERYLLIUM**
 BERYLLIUM ISOTOPES
 BERYLLIUM 7
 BERYLLIUM 9
 BERYLLIUM 10
 RT BERYL
 MODERATORS

BERYLLIUM ALLOYS

GS ALLOYS
 LIGHT ALLOYS
 **BERYLLIUM ALLOYS**

BERYLLIUM BOROHYDRIDES

GS BERYLLIUM COMPOUNDS
 . **BERYLLIUM BOROHYDRIDES**
 BORON COMPOUNDS
 BOROHYDRIDES
 **BERYLLIUM BOROHYDRIDES**
 BORON HYDRIDES
 **BERYLLIUM BOROHYDRIDES**
 HYDROGEN COMPOUNDS
 HYDRIDES
 BOROHYDRIDES

BERYLLIUM BOROHYDRIDES-(CONT.)

. **BERYLLIUM BOROHYDRIDES**
 BORON HYDRIDES
 **BERYLLIUM BOROHYDRIDES**

BERYLLIUM CHLORIDES

GS BERYLLIUM COMPOUNDS
 . **BERYLLIUM CHLORIDES**
 HALOGEN COMPOUNDS
 CHLORINE COMPOUNDS
 CHLORIDES
 **BERYLLIUM CHLORIDES**
 HALIDES
 CHLORIDES
 **BERYLLIUM CHLORIDES**
 METAL HALIDES
 **BERYLLIUM CHLORIDES**

BERYLLIUM COMPOUNDS

GS **BERYLLIUM COMPOUNDS**
 BERYL
 BERYLLIUM BOROHYDRIDES
 BERYLLIUM CHLORIDES
 BERYLLIUM FLUORIDES
 BERYLLIUM HYDRIDES
 BERYLLIUM NITRIDES
 BERYLLIUM OXIDES
 RT ∞ ALKALINE EARTH COMPOUNDS
 METAL COMPOUNDS
 METAL FUELS
 METAL PROPELLANTS

BERYLLIUM FLUORIDES

GS BERYLLIUM COMPOUNDS
 . **BERYLLIUM FLUORIDES**
 HALOGEN COMPOUNDS
 FLUORINE COMPOUNDS
 FLUORIDES
 METAL FLUORIDES
 **BERYLLIUM FLUORIDES**
 HALIDES
 METAL HALIDES
 **BERYLLIUM FLUORIDES**

BERYLLIUM HYDRIDES

GS BERYLLIUM COMPOUNDS
 . **BERYLLIUM HYDRIDES**
 HYDROGEN COMPOUNDS
 HYDRIDES
 METAL HYDRIDES
 **BERYLLIUM HYDRIDES**

BERYLLIUM ISOTOPES

GS CHEMICAL ELEMENTS
 . BERYLLIUM
 **BERYLLIUM ISOTOPES**
 BERYLLIUM 7
 BERYLLIUM 9
 BERYLLIUM 10
 NUCLIDES
 ISOTOPES
 **BERYLLIUM ISOTOPES**
 BERYLLIUM 7
 BERYLLIUM 9
 BERYLLIUM 10
 METALS
 BERYLLIUM
 **BERYLLIUM ISOTOPES**
 BERYLLIUM 7
 BERYLLIUM 9
 BERYLLIUM 10

BERYLLIUM NITRIDES

GS BERYLLIUM COMPOUNDS
 . **BERYLLIUM NITRIDES**
 NITROGEN COMPOUNDS
 NITRIDES
 **BERYLLIUM NITRIDES**

BERYLLIUM OXIDES

GS BERYLLIUM COMPOUNDS
 . **BERYLLIUM OXIDES**
 CHALCOGENIDES
 OXIDES
 METAL OXIDES
 ALKALINE EARTH OXIDES
 **BERYLLIUM OXIDES**

BERYLLIUM POISONING

RT INDUSTRIAL SAFETY
 POISONING
 RESPIRATORY DISEASES
 TOXICITY AND SAFETY HAZARD
 TOXICOLOGY

BERYLLIUM 7

GS CHEMICAL ELEMENTS
 . BERYLLIUM
 BERYLLIUM ISOTOPES
 **BERYLLIUM 7**
 NUCLIDES
 ISOTOPES
 BERYLLIUM ISOTOPES
 **BERYLLIUM 7**
 RADIOACTIVE ISOTOPES
 **BERYLLIUM 7**
 METALS
 BERYLLIUM
 BERYLLIUM ISOTOPES
 **BERYLLIUM 7**

BERYLLIUM 9

GS CHEMICAL ELEMENTS
 . BERYLLIUM
 BERYLLIUM ISOTOPES
 **BERYLLIUM 9**
 NUCLIDES
 ISOTOPES
 BERYLLIUM ISOTOPES
 **BERYLLIUM 9**
 RADIOACTIVE ISOTOPES
 **BERYLLIUM 9**
 METALS
 BERYLLIUM
 BERYLLIUM ISOTOPES
 **BERYLLIUM 9**

BERYLLIUM 10

GS CHEMICAL ELEMENTS
 . BERYLLIUM
 BERYLLIUM ISOTOPES
 **BERYLLIUM 10**
 NUCLIDES
 ISOTOPES
 BERYLLIUM ISOTOPES
 **BERYLLIUM 10**
 RADIOACTIVE ISOTOPES
 **BERYLLIUM 10**
 METALS
 BERYLLIUM
 BERYLLIUM ISOTOPES
 **BERYLLIUM 10**

BESS (SATELLITE)

UF BIOMEDICAL EXPERIMENT SCIENTIFIC
 SATELLITE
 GS SATELLITES
 ARTIFICIAL SATELLITES
 **BESS (SATELLITE)**
 EARTH SATELLITES
 **BESS (SATELLITE)**
 RT MULTIMISSIION MODULAR SPACECRAFT
 SPACE SHUTTLES

BESSEL FUNCTIONS

GS ANALYSIS (MATHEMATICS)
 COMPLEX VARIABLES
 **BESSEL FUNCTIONS**
 HANKEL FUNCTIONS
 REAL VARIABLES
 **BESSEL FUNCTIONS**
 HANKEL FUNCTIONS
 RT BOUNDARY VALUE PROBLEMS
 DIFFERENTIAL EQUATIONS
 HYPERGEOMETRIC FUNCTIONS
 ORTHOGONAL FUNCTIONS
 POWER SERIES

BESSEL-BREDICHIN THEORY

RT COMETS
 KOHOUTEK COMET
 RADIATION PRESSURE
 ∞ THEORIES

BETA FACTOR

RT DENSE PLASMAS
 FLUID PRESSURE
 FUSION REACTORS
 MAGNETIC FIELDS
 MAGNETIC FLUX
 MAGNETOHYDRODYNAMIC STABILITY
 PLASMA CONTROL
 PLASMA EQUILIBRIUM
 PLASMA HEATING
 PLASMA PHYSICS
 PRESSURE EFFECTS
 REACTOR PHYSICS
 TOKAMAK DEVICES
 TOROIDAL PLASMAS

BETA PARTICLES

BETA PARTICLES

- GS IONIZING RADIATION
 - . BETA PARTICLES
- NUCLEAR RADIATION
 - . BETA PARTICLES
 - PARTICLES
 - . CHARGED PARTICLES
 - . . . ENERGETIC PARTICLES
 - . . . PLASMAS (PHYSICS)
 - BETA PARTICLES
 - . . . CORPUSCULAR RADIATION
 - . . . ELECTRON RADIATION
 - BETA PARTICLES
 - . . . ELEMENTARY PARTICLES
 - BETA PARTICLES
 - . . . NUCLEAR PARTICLES
 - BETA PARTICLES
- RT ELECTRON BEAMS
 - ELECTRONS
 - FLUX (RATE)
 - HOT ATOMS
 - N ELECTRONS
 - RELATIVISTIC ELECTRON BEAMS
 - WEAK ENERGY INTERACTIONS

BETAINES

- GS HETEROCYCLIC COMPOUNDS
 - . ALKALOIDS
 - . . . BETAINES
- NITROGEN COMPOUNDS
 - . ALKALOIDS
 - . . . BETAINES

BETATRONS

- GS PARTICLE ACCELERATORS
 - . CYCLIC ACCELERATORS
 - . . . BETATRONS
 - . . . ELECTRON ACCELERATORS
 - BETATRONS
- RT MICROTRONS
- SYNCHROTRONS

BETHE-HEITLER FORMULA

- GS MATHEMATICAL LOGIC
 - . FORMULAS (MATHEMATICS)
 - . . . BETHE-HEITLER FORMULA

BETHE-SALPETER EQUATION

- GS ANALYSIS (MATHEMATICS)
 - . REAL VARIABLES
 - . . . BETHE-SALPETER EQUATION
- RT DIFFERENTIAL EQUATIONS
 - . . . EQUATIONS
 - EQUATIONS OF MOTION
 - KINETIC EQUATIONS

BEVATRON

- GS PARTICLE ACCELERATORS
 - . CYCLIC ACCELERATORS
 - . . . SYNCHROTRONS
 - BEVATRON
- RT SYNCHROCYCLOTRONS

BEVERAGES

- GS LIQUIDS
 - . POTABLE LIQUIDS
 - . . . BEVERAGES
 - WINES
- RT COFFEE
- DRINKING
 - . . . FOOD
 - MILK

BHUTAN

- RT HIMALAYAS
- INDIA
- SIKKIM
- TIBET

BIAS

- GS BIAS
 - . RESPONSE BIAS
- RT COMPENSATORS
- DISPLACEMENT
- ELECTRIC POTENTIAL
- ERRORS
- INSTRUMENT ERRORS
- OPEN CIRCUIT VOLTAGE
- TUBE GRIDS

BIBLIOGRAPHIES

- GS DOCUMENTS
 - . BIBLIOGRAPHIES
- RT ABSTRACTS

BIBLIOGRAPHIES-(CONT.)

- BIOGRAPHY
- DOCUMENTATION
- HANDBOOKS
- INDEXES (DOCUMENTATION)
- INFORMATION DISSEMINATION
- INFORMATION RETRIEVAL
- LIBRARIES
- LITERATURE
- . . . REFERENCE SYSTEMS
- SPACE GLOSSARIES
- SUMMARIES

BICARBONATES

- USE CARBONATES

BICRYSTALS

- GS CRYSTALS
 - . BICRYSTALS
- RT POLYCRYSTALS
- SINGLE CRYSTALS

∞ BICYCLE

- SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)*
- RT LANDING GEAR
- SURFACE VEHICLES

BIFURCATION (BIOLOGY)

- RT ANATOMY
- ARTERIES
- BLOOD VESSELS
- BRANCHING (PHYSICS)
- VEINS

BIFURCATION (MATHEMATICS)

- USE BRANCHING (MATHEMATICS)

BIG BANG COSMOLOGY

- GS COSMOLOGY
 - . BIG BANG COSMOLOGY
- RT ASTRONOMICAL MODELS
- BACKGROUND RADIATION
- COSMIC RAYS
- GALACTIC EVOLUTION
- GAMMA RAY BURSTS
- GRAVITATIONAL CONSTANT
- RELATIVITY
- RELIC RADIATION
- UNIVERSE

BIG SHOT PROJECT

- GS PROGRAMS
 - . PROJECTS
 - . . . BIG SHOT PROJECT

BIGHORN MOUNTAINS (MT-WY)

- GS LANDFORMS
 - . MOUNTAINS
 - . . . BIGHORN MOUNTAINS (MT-WY)
- RT MONTANA
- WYOMING

BIGHTS

- USE BAYS (TOPOGRAPHIC FEATURES)

BIHARMONIC EQUATIONS

- GS ANALYSIS (MATHEMATICS)
 - . REAL VARIABLES
 - . . . DIFFERENTIAL EQUATIONS
 - PARTIAL DIFFERENTIAL EQUATIONS
 - BIHARMONIC EQUATIONS
- RT ELASTIC PROPERTIES

BILITHIC CIRCUITS

- GS CIRCUITS
 - . BILITHIC CIRCUITS
- RT ELECTRONIC PACKAGING
- MICROMINIATURIZATION

BILLETS

- RT CASTING
- CASTINGS
- FORGING
- INGOTS
- METAL PLATES
- METAL STRIPS
- RODS
- SLABS
- WIRE

BIMETALS

- RT ALLOYS

NASA THESAURUS (VOLUME 1)

BIMETALS-(CONT.)

- COMPOSITE MATERIALS
- METAL BONDING
- METALS

BIMETRIC THEORIES

- RT GRAVITATION THEORY
- METRIC SPACE
- SCHWARZSCHILD METRIC
- . . . THEORIES

BINARY ALLOYS

- GS ALLOYS
 - . BINARY ALLOYS
- BINARY SYSTEMS (MATERIALS)
- . BINARY ALLOYS

BINARY CODES

- RT BCH CODES
- . . . CODES
- CONCATENATED CODES
- DIGITAL SYSTEMS

BINARY DATA

- RT ANALOG DATA
- BUBBLE MEMORY DEVICES
- . . . DATA
- DATA PROCESSING
- DECIMAL TO BINARY CONVERTERS
- DIGITAL DATA

BINARY DIGITS

- GS ALPHANUMERIC CHARACTERS
 - . DIGITS
 - . . . BINARY DIGITS
- RT BITS
- DIGITAL SYSTEMS

BINARY FLUIDS

- GS BINARY SYSTEMS (MATERIALS)
 - . BINARY MIXTURES
 - . . . BINARY FLUIDS
 - MIXTURES
 - BINARY MIXTURES
 - BINARY FLUIDS
- RT . . . FLUIDS
 - GAS MIXTURES
 - KINETIC THEORY
 - LENNARD-JONES GAS
 - TRANSPORT PROPERTIES

BINARY INTEGRATION

- GS ANALYSIS (MATHEMATICS)
 - . REAL VARIABLES
 - . . . MEASURE AND INTEGRATION
 - BINARY INTEGRATION
- RT ADDING CIRCUITS
- DIGITAL INTEGRATORS

BINARY MIXTURES

- GS BINARY SYSTEMS (MATERIALS)
 - . BINARY MIXTURES
 - . . . BINARY FLUIDS
 - EUTECTICS
 - EUTECTIC ALLOYS
 - MIXTURES
 - BINARY MIXTURES
 - BINARY FLUIDS
 - EUTECTICS
 - EUTECTIC ALLOYS
- RT AZEOTROPES
- GAS MIXTURES
- LIQUID-GAS MIXTURES

BINARY STARS

- GS CELESTIAL BODIES
 - . STARS
 - . . . BINARY STARS
 - COMPANION STARS
 - ECLIPSING BINARY STARS
 - DWARF NOVAE
- RT LIMB DARKENING
- STAR CLUSTERS
- STELLAR PARALLAX
- TWO BODY PROBLEM
- VARIABLE STARS

BINARY SUMMATORS

- USE ADDING CIRCUITS

BINARY SYSTEMS (DIGITAL)

- USE DIGITAL SYSTEMS

BINARY SYSTEMS (MATERIALS)

- UF TWO PHASE SYSTEMS
- GS **BINARY SYSTEMS (MATERIALS)**
 - . BINARY ALLOYS
 - . BINARY MIXTURES
 - . BINARY FLUIDS
 - . . . EUTECTICS
 - . . . EUTECTIC ALLOYS
- RT ALLOYS
 - PHASE DIAGRAMS
 - SOLIDUS
- ∞ SYSTEMS
 - TERNARY SYSTEMS

BINARY TO DECIMAL CONVERTERS

- GS DATA CONVERTERS
 - . **BINARY TO DECIMAL CONVERTERS**
- RT COMPUTER COMPONENTS
 - DATA PROCESSING
 - DECIMAL TO BINARY CONVERTERS

BINAURAL HEARING

- GS HEARING
 - . **BINAURAL HEARING**
 - PERCEPTION
 - . **BINAURAL HEARING**
- RT AUDITORY PERCEPTION
 - SOUND LOCALIZATION
 - WEBER TEST

BINDERS (ADHESIVES)

- USE ADHESIVES

BINDERS (MATERIALS)

- GS **BINDERS (MATERIALS)**
 - . PROPELLANT BINDERS
 - . . SOLID ROCKET BINDERS
- RT ADDITIVES
 - ADHESIVES
 - CEMENTS
 - MOLDING MATERIALS
 - SIZING MATERIALS
 - SOLID LUBRICANTS

BINDING

- RT BONDING
 - COLLATING
 - FOLDING
- ∞ JOINING
 - PRINTING
 - SEALING
 - SEWING

BINOCULAR VISION

- GS VISION
 - . **BINOCULAR VISION**
- RT HAPLOSOPES
 - MOTION PERCEPTION
 - SPACE PERCEPTION
 - STEREOSCOPIC VISION

BINOCULARS

- GS OPTICAL EQUIPMENT
 - . **BINOCULARS**
- RT EYEPieces
 - MICROSCOPES
 - PERISCOPES
 - TELESCOPES

BINOMIAL COEFFICIENTS

- GS COEFFICIENTS
 - . **BINOMIAL COEFFICIENTS**
- RT FACTORIALS

BINOMIAL THEOREM

- GS ALGEBRA
 - . **BINOMIAL THEOREM**
 - THEOREMS
 - . **BINOMIAL THEOREM**
- RT BINOMIALS
 - PROBABILITY DENSITY FUNCTIONS
 - PROBABILITY THEORY
 - STATISTICAL ANALYSIS
 - STATISTICAL DISTRIBUTIONS

BINOMIALS

- GS ALGEBRA
 - . POLYNOMIALS
 - . . **BINOMIALS**
- RT BINOMIAL THEOREM

BIOACOUSTICS

- GS ACOUSTICS
 - . **BIOACOUSTICS**

BIOACOUSTICS-(CONT.)

- RT ACOUSTIC ATTENUATION
- AUDITORY DEFECTS
- BIOENGINEERING
- PSYCHOACOUSTICS
- SOUND INTENSITY

BIOASSAY

- UF BIOLOGICAL ANALYSIS
- RT BIOCHEMISTRY
 - BIOLOGICAL EFFECTS
 - HISTOCHEMICAL ANALYSIS

BIOASTRONAUTICAL ORBITAL SPACE SYSTEM

- GS PROGRAMS
 - . NASA PROGRAMS
 - . . **BIOASTRONAUTICAL ORBITAL SPACE SYSTEM**

BIOASTRONAUTICS

- SN (BIOLOGICAL, BEHAVIORAL AND MEDICAL ASPECTS EXPECTED TO BE FOUND IN SPACE VEHICLES DESIGNED TO TRAVEL IN SPACE AND ON CELESTIAL BODIES OTHER THAN ON EARTH)
- RT AEROSPACE ENVIRONMENTS
 - AEROSPACE MEDICINE
- ∞ ASTRONAUTICS
 - BIOENGINEERING
- ∞ BIOLOGY
 - BIOSELLITE 1
 - BIOSELLITE 2
 - BIOSELLITE 3
 - CLOSED ECOLOGICAL SYSTEMS
 - EARTH ATMOSPHERE
 - EXOLOGY
 - LUNAR ENVIRONMENT
 - PLANETARY ENVIRONMENTS
 - SPACE EXPLORATION
 - SPACE FLIGHT
 - SPACE STATIONS
 - SPACECRAFT ENVIRONMENTS

BIOCHEMICAL FUEL CELLS

- GS ELECTRIC GENERATORS
 - . DIRECT POWER GENERATORS
 - . . FUEL CELLS
 - . . . **BIOCHEMICAL FUEL CELLS**
 - ELECTROCHEMICAL CELLS
 - . FUEL CELLS
 - . . **BIOCHEMICAL FUEL CELLS**
- RT PHOSPHORIC ACID FUEL CELLS
 - REGENERATIVE FUEL CELLS

BIOCHEMICAL OXYGEN DEMAND

- UF BOD
- RT ALGAE
 - ECOLOGY
 - OXIMETRY
 - OXYGEN CONSUMPTION
 - PLANTS (BOTANY)
 - POLLUTION CONTROL
 - WATER POLLUTION
 - WATER TREATMENT

BIOCHEMISTRY

- GS ENVIRONMENTAL CHEMISTRY
 - . **BIOCHEMISTRY**
 - . . BIOGEOCHEMISTRY
 - . . ENZYMOLOGY
 - . . PHYSIOCHEMISTRY
- RT BIOASSAY
 - BIODEGRADATION
 - BIOENGINEERING
- ∞ BIOLOGY
 - CHEMICAL WARFARE
- ∞ CHEMISTRY
 - CYTOLOGY
 - GENETIC ENGINEERING
 - HISTOCHEMICAL ANALYSIS
 - IMMUNOASSAY
 - INTERFERON
 - MARINE CHEMISTRY
 - METABOLITES
 - MOLECULAR BIOLOGY
 - MUTAGENS
 - NITROGEN METABOLISM
 - NUTRITION
 - OPTICAL ACTIVITY
 - ORGANIC CHEMISTRY
 - RADIOIMMUNOASSAY
 - VEGETATION GROWTH

BIOCLIMATOLOGY

- UF BIOMETEOROLOGY
- GS CLIMATOLOGY
 - . **BIOCLIMATOLOGY**
- RT COASTAL ECOLOGY
 - COASTAL PLAINS
 - ECOLOGY
 - MICROCLIMATOLOGY
 - NIGHTGLOW
 - PHENOLOGY

BIOCOMPATIBILITY

- GS COMPATIBILITY
 - . **BIOCOMPATIBILITY**
- RT ANTIBODIES
 - ANTIGENS
 - BLOOD
 - IMMUNOLOGY
 - LEUKOCYTES
 - PHYSIOLOGICAL DEFENSES
 - VACCINES

BIOCONTROL SYSTEMS

- RT BIONICS
 - PSYCHOMOTOR PERFORMANCE
- ∞ SYSTEMS
 - TOLERANCES (PHYSIOLOGY)

BIOCONVERSION

- RT ALGAE
 - BIOMASS ENERGY PRODUCTION
- ∞ CONVERSION
 - ENZYME ACTIVITY
 - FERMENTATION
 - FUELS
 - HYDROCARBON FUEL PRODUCTION
 - METHANE
 - SOLAR HEATING
 - VEGETATION

BIODEGRADABILITY

- GS DISSOCIATION
 - . **BIODEGRADABILITY**
- RT DECAY
 - DECOMPOSITION
 - DETERIORATION
 - ORGANIC MATERIALS
- ∞ PROPERTIES

BIODEGRADATION

- GS DEGRADATION
 - . **BIODEGRADATION**
- RT ACTIVATED SLUDGE
 - BIOCHEMISTRY
 - DECAY
 - DECOMPOSITION
 - DETERIORATION

BIODYNAMICS

- UF BIOMECHANICS
- RT ANATOMY
 - BIOENGINEERING
 - BIOLOGICAL MODELS (MATHEMATICS)
- ∞ BIOLOGY
 - BIOPHYSICS
- ∞ DYNAMICS
 - STRESS (PHYSIOLOGY)

BIOELECTRIC POTENTIAL

- GS POTENTIAL ENERGY
 - . **BIOELECTRIC POTENTIAL**
- RT BIOELECTRICITY

BIOELECTRICITY

- UF NEURON TRANSMISSION
- RT BIOELECTRIC POTENTIAL
 - BIOMAGNETISM
 - NEUROMUSCULAR TRANSMISSION
 - SPIKE POTENTIALS

BIOENGINEERING

- GS **BIOENGINEERING**
 - . BIOINSTRUMENTATION
 - . . BIOTELEMETRY
 - . . BIOMETRICS
 - . . BODY MEASUREMENT (BIOLOGY)
 - . . . ANTHROPOMETRY
 - . . . ELECTROPLETHYSMOGRAPHY
 - . . . CARDIOGRAPHY
 - . . . BALLISTOCARDIOGRAPHY
 - . . . ELECTROCARDIOGRAPHY
 - . . . MAGNETOCARDIOGRAPHY
 - . . . PHONOCARDIOGRAPHY
 - ECHOCARDIOGRAPHY

BIOFLAVONOIDS

BIOENGINEERING-(CONT.)

- ... SEISMOCARDIOGRAPHY
- ... VECTORCARDIOGRAPHY
- ... ECHOENCEPHALOGRAPHY
- ... ELECTROENCEPHALOGRAPHY
- ... ELECTROMYOGRAPHY
- ... ELECTRORETINOGRAPHY
- ... PLETHYSMOGRAPHY
- ... ELECTROPLETHYSMOGRAPHY
- RT BIOACOUSTICS
- BIOASTRONAUTICS
- BIOCHEMISTRY
- BIODYNAMICS
- ∞ BIOLOGY
- BIONICS
- BIOPAKS
- BIOPHYSICS
- BONE MINERAL CONTENT
- ∞ ENGINEERING
- GENETIC ENGINEERING
- HUMAN FACTORS ENGINEERING
- UNDERWATER BREATHING APPARATUS
- VOICE CONTROL

BIOFLAVONOIDS

- UF VITAMIN P
- GS HETEROCYCLIC COMPOUNDS
- ... BIOFLAVONOIDS
- VITAMINS
- ... BIOFLAVONOIDS
- RT DRUGS

BIOGENESIS

- USE BIOLOGICAL EVOLUTION

BIOGENY

- RT ∞ EVOLUTION
- ONTOGENY

BIOGEOCHEMISTRY

- GS ENVIRONMENTAL CHEMISTRY
- ... BIOCHEMISTRY
- ... BIOGEOCHEMISTRY
- ... GEOCHEMISTRY
- ... BIOGEOCHEMISTRY
- RT BOTANY
- ∞ CHEMISTRY
- MINERALS
- PLANTS (BOTANY)

BIOGRAPHY

- GS LITERATURE
- ... BIOGRAPHY
- RT BIBLIOGRAPHIES
- CASE HISTORIES
- DOCUMENTATION

BIOINSTRUMENTATION

- UF BIOSENSORS
- GS BIOENGINEERING
- ... BIOINSTRUMENTATION
- ... BIOTELEMETRY
- RT BIOMETRICS
- BIONICS
- ECHOENCEPHALOGRAPHY
- ∞ ENGINEERING
- IMBLMS
- ∞ INSTRUMENTS
- MAGNETOCARDIOGRAPHY
- MEASURING INSTRUMENTS
- RESPIROMETERS
- ∞ SENSORS
- SPHYGMOGRAPHY
- WILDLIFE RADIOLOCATION

BIOLOGICAL ACTIVITY

- USE ACTIVITY (BIOLOGY)

BIOLOGICAL ANALYSIS

- USE BIOASSAY

BIOLOGICAL CELLS

- USE CELLS (BIOLOGY)

BIOLOGICAL CLOCKS

- USE RHYTHM (BIOLOGY)

BIOLOGICAL EFFECTS

- GS BIOLOGICAL EFFECTS
- ... JET LAG
- ... RELATIVE BIOLOGICAL EFFECTIVENESS (RBE)
- RT ACTIVITY (BIOLOGY)
- ATROPHY

BIOLOGICAL EFFECTS-(CONT.)

- BIOASSAY
- ∞ BIOLOGY
- BIOMEDICAL DATA
- BONE DEMINERALIZATION
- BRAGG CURVE
- CHEMICAL EFFECTS
- DISORIENTATION
- DOSAGE
- ∞ EFFECTS
- FLIGHT STRESS (BIOLOGY)
- HUMAN REACTIONS
- ORBITING FROG OTOLITH
- PATHOLOGICAL EFFECTS
- PHYSIOLOGICAL EFFECTS
- PSYCHOLOGICAL EFFECTS
- RADIATION DOSAGE
- RADIATION EFFECTS
- TEMPERATURE
- THERMAL POLLUTION

BIOLOGICAL EVOLUTION

- UF BIOGENESIS
- GS EVOLUTION (DEVELOPMENT)
- ... BIOLOGICAL EVOLUTION
- ... ABIOTIC GENESIS
- RT CHEMICAL EVOLUTION
- GENETICS
- LIFE SCIENCES
- MUTAGENS
- MUTATIONS
- PANSPERMIA
- PROTEIN SYNTHESIS

BIOLOGICAL MODELS

- USE BIONICS

BIOLOGICAL MODELS (MATHEMATICS)

- GS MODELS
- ... MATHEMATICAL MODELS
- ... BIOLOGICAL MODELS (MATHEMATICS)
- RT BIODYNAMICS
- ∞ BIOLOGY
- BIONICS
- DIGITAL SIMULATION
- DYNAMIC MODELS

BIOLOGICAL RHYTHM

- USE RHYTHM (BIOLOGY)

∞ BIOLOGY

- SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)*
- RT AEROBIOLOGY
- BACTERIOLOGY
- BIOASTRONAUTICS
- BIOCHEMISTRY
- BIODYNAMICS
- BIOENGINEERING
- BIOLOGICAL EFFECTS
- BIOLOGICAL MODELS (MATHEMATICS)
- BIOMETRICS
- BIONICS
- BIOPHYSICS
- BIOTELEMETRY
- BONE DEMINERALIZATION
- BONE MINERAL CONTENT
- BOTANY
- CARBON CYCLE
- CYTOGENESIS
- CYTOLOGY
- ECOLOGY
- EMBRYOLOGY
- EVOLUTION (DEVELOPMENT)
- EXO BIOLOGY
- GENETICS
- HABITATS
- IMMUNOLOGY
- INTERFERON
- MARINE BIOLOGY
- MEDICAL SCIENCE
- MICROBIOLOGY
- MOLECULAR BIOLOGY
- MORPHOLOGY
- NITROGEN METABOLISM
- PALEOBIOLOGY
- RADIOBIOLOGY
- ∞ SCIENCE
- VETERINARY MEDICINE

BIOLUMINESCENCE

- GS DECAY
- ... EMISSION

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BIOLUMINESCENCE-(CONT.)

- ... LIGHT EMISSION
- ... LUMINESCENCE
- ... BIOLUMINESCENCE
- RT PHOSPHORESCENCE

BIOMAGNETISM

- GS MAGNETIC FIELDS
- ... BIOMAGNETISM
- MAGNETIC PROPERTIES
- ... BIOMAGNETISM
- RT BIOELECTRICITY
- BIOPHYSICS
- ELECTROMAGNETIC FIELDS
- ELECTROMAGNETIC INTERACTIONS
- RADIOBIOLOGY

BIOMASS

- GS WEIGHT (MASS)
- ... BIOMASS
- RT ANIMALS
- CARBON CYCLE
- ∞ DENSITY
- ORGANISMS
- PLANTS (BOTANY)
- POPULATIONS
- SILVICULTURE
- ∞ WEIGHT

BIOMASS ENERGY PRODUCTION

- GS ENERGY CONVERSION
- ... BIOMASS ENERGY PRODUCTION
- RT BIOCONVERSION
- BIOREACTORS
- ∞ CROPS
- ∞ ENERGY SOURCES
- ENERGY TECHNOLOGY
- HYDROCARBON FUEL PRODUCTION
- MANURES
- METHANATION
- VEGETATION
- WASTE UTILIZATION

BIOMECHANICS

- USE BIODYNAMICS

BIOMEDICAL DATA

- RT AEROSPACE MEDICINE
- BIOLOGICAL EFFECTS
- BIOMETRICS
- BODY MEASUREMENT (BIOLOGY)
- CARDIOGRAMS
- ∞ DATA
- HEART RATE
- IMBLMS

BIOMEDICAL EXPERIMENT SCIENTIFIC SATELLITE

- USE BESS (SATELLITE)

BIOMETEOROLOGY

- USE BIOCLIMATOLOGY

BIOMETRICS

- GS BIOENGINEERING
- ... BIOMETRICS
- ... BODY MEASUREMENT (BIOLOGY)
- ... ANTHROPOMETRY
- ... ELECTROPLETHYSMOGRAPHY
- ... CARDIOGRAPHY
- ... BALLISTOCARDIOGRAPHY
- ... ELECTROCARDIOGRAPHY
- ... MAGNETOCARDIOGRAPHY
- ... PHONOCARDIOGRAPHY
- ... ECHOCARDIOGRAPHY
- ... SEISMOCARDIOGRAPHY
- ... VECTORCARDIOGRAPHY
- ... ECHOENCEPHALOGRAPHY
- ... ELECTROENCEPHALOGRAPHY
- ... ELECTROMYOGRAPHY
- ... ELECTRORETINOGRAPHY
- ... PLETHYSMOGRAPHY
- ... ELECTROPLETHYSMOGRAPHY
- RT BIOINSTRUMENTATION
- ∞ BIOLOGY
- BIOMEDICAL DATA
- BONE MINERAL CONTENT
- ∞ ENGINEERING
- ORBITING FROG OTOLITH
- PUPILLOMETRY
- STATISTICAL ANALYSIS
- ∞ STATISTICS

BIONICS

UF BIOLOGICAL MODELS
 BIOSIMULATION
 RT ARTIFICIAL INTELLIGENCE
 AUTOMATA THEORY
 BIOCONTROL SYSTEMS
 BIOENGINEERING
 BIOINSTRUMENTATION
 BIOLOGICAL MODELS (MATHEMATICS)
 ∞ BIOLOGY
 CYBERNETICS
 HUMAN FACTORS ENGINEERING
 MAN MACHINE SYSTEMS
 NEURISTORS
 RHEOELECTRICAL SIMULATION
 ROBOTS
 SIMULATION
 SYNCODERS
 SYSTEMS ENGINEERING

BIOPAKS

GS SUPPORT SYSTEMS
 . LIFE SUPPORT SYSTEMS
 . . **BIOPAKS**
 RT BIOENGINEERING
 BIOSATELLITES
 ∞ CONTAINERS
 ENCLOSURES
 PORTABLE LIFE SUPPORT SYSTEMS
 PRESERVING

BIOPHYSICS

GS **BIOPHYSICS**
 . HEALTH PHYSICS
 . . PUBLIC HEALTH
 RT BIODYNAMICS
 BIOENGINEERING
 ∞ BIOLOGY
 BIOMAGNETISM
 ∞ PHYSICS

BIOREACTORS

RT BIOMASS ENERGY PRODUCTION
 BIOTECHNOLOGY

BIOREGENERATION

USE REGENERATION (PHYSIOLOGY)

BIOREGENERATIVE LIFE SUPPORT SYSTEMS

USE CLOSED ECOLOGICAL SYSTEMS

BIOS PROJECT

GS PROGRAMS
 . PROJECTS
 . . **BIOS PROJECT**

BIOSATELLITE 1

GS SATELLITES
 . ARTIFICIAL SATELLITES
 . . BIOSATELLITES
 . . . **BIOSATELLITE 1**
 . . . EARTH SATELLITES
 . . . BIOSATELLITES
 . . . **BIOSATELLITE 1**
 UNMANNED SPACECRAFT
 . BIOSATELLITES
 . . **BIOSATELLITE 1**
 RT BIOASTRONAUTICS

BIOSATELLITE 2

GS SATELLITES
 . ARTIFICIAL SATELLITES
 . . BIOSATELLITES
 . . . **BIOSATELLITE 2**
 . . . EARTH SATELLITES
 . . . BIOSATELLITES
 . . . **BIOSATELLITE 2**
 UNMANNED SPACECRAFT
 . BIOSATELLITES
 . . **BIOSATELLITE 2**
 RT BIOASTRONAUTICS

BIOSATELLITE 3

GS SATELLITES
 . ARTIFICIAL SATELLITES
 . . BIOSATELLITES
 . . . **BIOSATELLITE 3**
 . . . EARTH SATELLITES
 . . . BIOSATELLITES
 . . . **BIOSATELLITE 3**
 UNMANNED SPACECRAFT
 . BIOSATELLITES
 . . **BIOSATELLITE 3**
 RT ∞ ASTRONAUTICS

BIOSATELLITE 3-(CONT.)

BIOASTRONAUTICS

BIOSATELLITES

SN (EXCLUDES MANNED SPACECRAFT)
 GS SATELLITES
 . ARTIFICIAL SATELLITES
 . . **BIOSATELLITES**
 . . . BIOSATELLITE 1
 . . . BIOSATELLITE 2
 . . . BIOSATELLITE 3
 . . . SPUTNIK 2 SATELLITE
 . . . SPUTNIK 6 SATELLITE
 . . . SPUTNIK 7 SATELLITE
 . . EARTH SATELLITES
 . . **BIOSATELLITES**
 . . . BIOSATELLITE 1
 . . . BIOSATELLITE 2
 . . . BIOSATELLITE 3
 . . . SPUTNIK 2 SATELLITE
 . . . SPUTNIK 6 SATELLITE
 . . . SPUTNIK 7 SATELLITE
 UNMANNED SPACECRAFT
 . **BIOSATELLITES**
 . . BIOSATELLITE 1
 . . BIOSATELLITE 2
 . . BIOSATELLITE 3
 . . SPUTNIK 2 SATELLITE
 . . SPUTNIK 6 SATELLITE
 . . SPUTNIK 7 SATELLITE
 RT AEROSPACE ENVIRONMENTS
 BIOPAKS
 ENVIRONMENTAL CONTROL
 EXTRATERRESTRIAL LIFE
 LIFE DETECTORS
 LIFE SUPPORT SYSTEMS
 MANNED SPACECRAFT
 SPACE CAPSULES
 ∞ SPACECRAFT

BIOSENSORS

USE BIOINSTRUMENTATION

BIOSIMULATION

USE BIONICS

BIOSPHERE

GS EARTH ATMOSPHERE
 . LOWER ATMOSPHERE
 . . **BIOSPHERE**
 RT CHEMOSPHERE
 EARTH HYDROSPHERE
 FREE ATMOSPHERE
 HOMOSPHERE

BIOSYNTHESIS

RT CHEMICAL REACTIONS
 GENETIC ENGINEERING
 METABOLITES
 PROSTAGLANDINS
 ∞ SYNTHESIS
 SYNTHETIC FOOD

BIOT METHOD

RT CALCULUS OF VARIATIONS
 ∞ METHODOLOGY

BIOTECHNOLOGY

GS TECHNOLOGIES
 . **BIOTECHNOLOGY**
 RT ARTIFICIAL CARDIAC PACEMAKER
 ARTIFICIAL HEART VALVES
 BIOREACTORS
 BLOOD PUMPS
 HEART IMPLANTATION
 MAN MACHINE SYSTEMS

BIOTELEMETRY

UF PHYSIOLOGICAL TELEMETRY
 GS BIOENGINEERING
 . BIOINSTRUMENTATION
 . . **BIOTELEMETRY**
 TELECOMMUNICATION
 . TELEMETRY
 . . **BIOTELEMETRY**
 RT ∞ BIOLOGY
 COMMUNICATION EQUIPMENT
 ∞ ENGINEERING
 ORBITING FROG OTOLITH
 PNEUMOGRAPHY
 WILDLIFE RADIOLOCATION

BIOTIN

UF VITAMIN B COMPLEX

BIOTIN-(CONT.)

GS HETEROCYCLIC COMPOUNDS
 . **BIOTIN**
 VITAMINS
 . **BIOTIN**
 RT AVIDIN
 DRUGS

BIOTITE

UF KIMBERLITE
 GS MINERALS
 . MICA
 . . **BIOTITE**

BIPLANES

RT ∞ AIRCRAFT
 DUAL WING CONFIGURATIONS
 LIGHT AIRCRAFT
 MONOPLANES
 TANDEM WING AIRCRAFT
 UTILITY AIRCRAFT

BIPOLAR TRANSISTORS

GS ELECTRONIC EQUIPMENT
 . SOLID STATE DEVICES
 . . SEMICONDUCTOR DEVICES
 . . . TRANSISTORS
 **BIPOLAR TRANSISTORS**
 RT BIPOLARITY
 CARRIER INJECTION
 EPITAXY
 MAJORITY CARRIERS
 MINORITY CARRIERS
 N-P-N JUNCTIONS
 SEMICONDUCTORS (MATERIALS)

BIPOLARITY

RT BIPOLAR TRANSISTORS
 ∞ POLARIZATION

BIPROPELLANTS

USE LIQUID ROCKET PROPELLANTS

BIRD-AIRCRAFT COLLISIONS

GS ACCIDENTS
 . **BIRD-AIRCRAFT COLLISIONS**
 AIRCRAFT ACCIDENTS
 . **BIRD-AIRCRAFT COLLISIONS**
 COLLISIONS
 . MIDAIR COLLISIONS
 . . **BIRD-AIRCRAFT COLLISIONS**
 RT AIRCRAFT HAZARDS
 BIRDS
 FLIGHT HAZARDS

BIRDS

GS ANIMALS
 . VERTEBRATES
 . . **BIRDS**
 . . . CHICKENS
 . . . PIGEONS
 . . . TURKEYS
 . . . WATERFOWL
 . . WILDLIFE
 . . **BIRDS**
 RT AIRCRAFT HAZARDS
 BIRD-AIRCRAFT COLLISIONS
 EARTH RESOURCES
 ENDANGERED SPECIES
 FLIGHT HAZARDS
 HOMEOTHERMS
 PLUMAGE

BIREFRINGENCE

UF POCKELS EFFECT
 GS ELECTROMAGNETIC PROPERTIES
 . OPTICAL PROPERTIES
 . . **BIREFRINGENCE**
 REFRACTION
 . **BIREFRINGENCE**
 RT ANISOTROPIC MEDIA
 ANISOTROPY
 BIREFRINGENT COATINGS
 BIREFRINGENT FILTERS
 CALCITE
 ELECTRO-OPTICS
 MOIRE EFFECTS
 NONLINEAR OPTICS
 PHOTOELASTICITY
 POLARIZATION (WAVES)
 REFLECTANCE
 REFRACTIVITY
 TEMPERATURE INVERSIONS
 VOIGT EFFECT

BIREFRINGENT COATINGS

BIREFRINGENT COATINGS

- GS COATINGS
- RT . BIREFRINGENT COATINGS
- ANISOTROPIC MEDIA
- BIREFRINGENCE
- BIREFRINGENT FILTERS
- REFRACTIVITY

BIREFRINGENT FILTERS

- GS ELECTROMAGNETIC WAVE FILTERS
- . OPTICAL FILTERS
- . . BIREFRINGENT FILTERS
- RT BIREFRINGENCE
- BIREFRINGENT COATINGS
- ∞ FILTERS
- OPTICAL PROPERTIES
- REFRACTIVITY

BIRTH

- RT FERTILIZATION
- FETUSES
- PREGNANCY
- ∞ REPRODUCTION
- REPRODUCTIVE SYSTEMS

BISMUTH

- GS CHEMICAL ELEMENTS
- . BISMUTH
- . . BISMUTH ISOTOPES
- METALS
- . BISMUTH
- . . BISMUTH ISOTOPES

BISMUTH ALLOYS

- GS ALLOYS
- . BISMUTH ALLOYS

BISMUTH COMPOUNDS

- GS BISMUTH COMPOUNDS
- . BISMUTH OXIDES
- . BISMUTH SULFIDES
- . BISMUTH TELLURIDES
- RT ∞ GROUP 5A COMPOUNDS
- ∞ METAL COMPOUNDS

BISMUTH ISOTOPES

- UF BISMUTH 205
- GS CHEMICAL ELEMENTS
- . BISMUTH
- . . BISMUTH ISOTOPES
- . NUCLIDES
- . . ISOTOPES
- . . . BISMUTH ISOTOPES
- METALS
- . BISMUTH
- . . BISMUTH ISOTOPES

BISMUTH OXIDES

- GS BISMUTH COMPOUNDS
- . BISMUTH OXIDES
- CHALCOGENIDES
- . OXIDES
- . . METAL OXIDES
- . . . BISMUTH OXIDES

BISMUTH SULFIDES

- GS BISMUTH COMPOUNDS
- . BISMUTH SULFIDES
- CHALCOGENIDES
- . SULFIDES
- . . INORGANIC SULFIDES
- . . . BISMUTH SULFIDES
- SULFUR COMPOUNDS
- . SULFIDES
- . . INORGANIC SULFIDES
- . . . BISMUTH SULFIDES

BISMUTH TELLURIDES

- GS BISMUTH COMPOUNDS
- . BISMUTH TELLURIDES
- CHALCOGENIDES
- . TELLURIDES
- . . BISMUTH TELLURIDES
- TELLURIUM COMPOUNDS
- . TELLURIDES
- . . BISMUTH TELLURIDES

BISMUTH 205

- USE BISMUTH ISOTOPES

BISPHENOLS

- GS HYDROXYL COMPOUNDS
- . ALCOHOLS
- . . PHENOLS

BISPHENOLS-(CONT.)

- . . . BISPHENOLS

BISTABLE AMPLIFIERS

- USE FLIP-FLOPS

BISTABLE CIRCUITS

- GS CIRCUITS
- . BISTABLE CIRCUITS
- RT DIGITAL TECHNIQUES
- FLIP-FLOPS
- MULTIVIBRATORS
- TRIGGER CIRCUITS

BISTATIC RADAR

- USE MULTISTATIC RADAR

BISTATIC REFLECTIVITY

- RT BRIGHTNESS
- INCIDENT RADIATION
- REFLECTANCE
- SCATTERING

BIT SYNCHRONIZATION

- GS SYNCHRONISM
- . BIT SYNCHRONIZATION
- RT FREQUENCY SYNCHRONIZATION

BITERNARY CODE

- RT ∞ CODES
- DIFFERENTIAL PULSE CODE
- MODULATION
- DIGITAL SYSTEMS
- PULSE CODE MODULATION

BITS

- RT BINARY DIGITS
- DRILL BITS

BITUMENS

- RT CARBON
- COAL
- COKE
- ∞ CONSTRUCTION MATERIALS
- LIGNITE
- ∞ MATERIALS
- SOLVENT REFINED COAL

BIVARIATE ANALYSIS

- GS STATISTICAL ANALYSIS
- . VARIANCE (STATISTICS)
- . . MULTIVARIATE STATISTICAL
- ANALYSIS
- . . . BIVARIATE ANALYSIS
- RT CORRELATION

BL LACERTAE OBJECTS

- GS CELESTIAL BODIES
- . BL LACERTAE OBJECTS
- RT EXTRAGALACTIC RADIO SOURCES
- GALAXIES
- LUMINOUS INTENSITY
- POLARIZATION (WAVES)
- RADIANT FLUX DENSITY
- RADIO SOURCES (ASTRONOMY)

BLACK AND WHITE PHOTOGRAPHY

- GS IMAGERY
- . BLACK AND WHITE PHOTOGRAPHY
- PHOTOGRAPHY
- . . BLACK AND WHITE PHOTOGRAPHY
- RT ALL SKY PHOTOGRAPHY
- ASTRONOMICAL PHOTOGRAPHY
- AUTORADIOGRAPHY
- CHRONOPHOTOGRAPHY
- CINEMATOGRAPHY
- CLOUD PHOTOGRAPHY
- COLOR PHOTOGRAPHY
- ELECTRO-OPTICAL PHOTOGRAPHY
- ELECTRON PHOTOGRAPHY
- FRAME PHOTOGRAPHY
- INFRARED PHOTOGRAPHY
- LUNAR PHOTOGRAPHY
- PHOTOMICROGRAPHY
- PHOTORECONNAISSANCE
- RADAR PHOTOGRAPHY
- ROCKET-BORNE PHOTOGRAPHY
- SATELLITE-BORNE PHOTOGRAPHY
- SCHLIEREN PHOTOGRAPHY
- SHADOWGRAPH PHOTOGRAPHY
- SPACEBORNE PHOTOGRAPHY
- SPECTROHELIOGRAPHS
- SPECTROPHOTOGRAPHY
- STEREOPHOTOGRAPHY

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BLACK AND WHITE PHOTOGRAPHY-(CONT.)

- ULTRAVIOLET PHOTOMETRY
- UROGRAPHY

BLACK ARROW LAUNCH VEHICLE

- USE BLACK KNIGHT ROCKET VEHICLE

BLACK BODY RADIATION

- GS ELECTROMAGNETIC RADIATION
- . BLACK BODY RADIATION
- RT BRIGHTNESS DISTRIBUTION
- BRIGHTNESS TEMPERATURE
- EMISSION
- HEAT RADIATORS
- HOHLRAUMS
- INFRARED RADIATION
- KIRCHHOFF LAW OF RADIATION
- LIGHT (VISIBLE RADIATION)
- NONGRAY ATMOSPHERES
- NONGRAY GAS
- PLANCKS CONSTANT
- RADIANCE
- SUNLIGHT
- THERMAL RADIATION
- ULTRAVIOLET RADIATION

BLACK BRANT SOUNDING ROCKETS

- GS ROCKET VEHICLES
- . SINGLE STAGE ROCKET VEHICLES
- . . BLACK BRANT SOUNDING ROCKETS
- . . . BLACK BRANT 1 SOUNDING
- ROCKET
- . . . BLACK BRANT 2 SOUNDING
- ROCKET
- . . . BLACK BRANT 3 SOUNDING
- ROCKET
- . . . BLACK BRANT 4 SOUNDING
- ROCKET
- . . . BLACK BRANT 5 SOUNDING
- ROCKET
- . SOUNDING ROCKETS
- . . BLACK BRANT SOUNDING ROCKETS
- . . . BLACK BRANT 1 SOUNDING
- ROCKET
- . . . BLACK BRANT 2 SOUNDING
- ROCKET
- . . . BLACK BRANT 3 SOUNDING
- ROCKET
- . . . BLACK BRANT 4 SOUNDING
- ROCKET
- . . . BLACK BRANT 5 SOUNDING
- ROCKET
- RT SOLID PROPELLANT ROCKET ENGINES

BLACK BRANT 1 SOUNDING ROCKET

- GS ROCKET VEHICLES
- . SINGLE STAGE ROCKET VEHICLES
- . . BLACK BRANT SOUNDING ROCKETS
- . . . BLACK BRANT 1 SOUNDING
- ROCKET
- . SOUNDING ROCKETS
- . . BLACK BRANT SOUNDING ROCKETS
- . . . BLACK BRANT 1 SOUNDING
- ROCKET
- RT SOLID PROPELLANT ROCKET ENGINES

BLACK BRANT 2 SOUNDING ROCKET

- GS ROCKET VEHICLES
- . SINGLE STAGE ROCKET VEHICLES
- . . BLACK BRANT SOUNDING ROCKETS
- . . . BLACK BRANT 2 SOUNDING
- ROCKET
- . SOUNDING ROCKETS
- . . BLACK BRANT SOUNDING ROCKETS
- . . . BLACK BRANT 2 SOUNDING
- ROCKET
- RT SOLID PROPELLANT ROCKET ENGINES

BLACK BRANT 3 SOUNDING ROCKET

- GS ROCKET VEHICLES
- . SINGLE STAGE ROCKET VEHICLES
- . . BLACK BRANT SOUNDING ROCKETS
- . . . BLACK BRANT 3 SOUNDING
- ROCKET
- . SOUNDING ROCKETS
- . . BLACK BRANT SOUNDING ROCKETS
- . . . BLACK BRANT 3 SOUNDING
- ROCKET
- RT SOLID PROPELLANT ROCKET ENGINES

BLACK BRANT 4 SOUNDING ROCKET

- GS ROCKET VEHICLES
- . SINGLE STAGE ROCKET VEHICLES
- . . BLACK BRANT SOUNDING ROCKETS

BLACK BRANT 4 SOUNDING ROCKET-(CONT.)

... **BLACK BRANT 4 SOUNDING ROCKET**
 . SOUNDING ROCKETS
 . . . BLACK BRANT SOUNDING ROCKETS
 . . . **BLACK BRANT 4 SOUNDING ROCKET**
 RT SOLID PROPELLANT ROCKET ENGINES

BLACK BRANT 5 SOUNDING ROCKET

GS ROCKET VEHICLES
 . SINGLE STAGE ROCKET VEHICLES
 . . . BLACK BRANT SOUNDING ROCKETS
 . . . **BLACK BRANT 5 SOUNDING ROCKET**
 . SOUNDING ROCKETS
 . . . BLACK BRANT SOUNDING ROCKETS
 . . . **BLACK BRANT 5 SOUNDING ROCKET**
 RT SOLID PROPELLANT ROCKET ENGINES

BLACK HAWK ASSAULT HELICOPTER

USE H-60 HELICOPTER

BLACK HILLS (SD-WY)

GS LANDFORMS
 . MOUNTAINS
 . . **BLACK HILLS (SD-WY)**
 RT SOUTH DAKOTA
 WYOMING

BLACK HOLES (ASTRONOMY)

GS GRAVITATIONAL COLLAPSE
 . **BLACK HOLES (ASTRONOMY)**
 RT GRAVITATIONAL LENSES
 NAKED SINGULARITIES
 REISSNER-NORDSTROM SOLUTION
 SUPERNOVA REMNANTS
 WHITE HOLES (ASTRONOMY)

BLACK KNIGHT ROCKET VEHICLE

UF BLACK ARROW LAUNCH VEHICLE
 GS ROCKET VEHICLES
 . MULTISTAGE ROCKET VEHICLES
 . . **BLACK KNIGHT ROCKET VEHICLE**
 . SINGLE STAGE ROCKET VEHICLES
 . . **BLACK KNIGHT ROCKET VEHICLE**
 RT LIQUID PROPELLANT ROCKET ENGINES

BLACK SEA

GS SEAS
 . **BLACK SEA**
 RT BULGARIA
 RUMANIA
 TURKEY
 U.S.S.R.

BLACKBURN B-103 AIRCRAFT

USE BUCCANEER AIRCRAFT

∞BLACKOUT

SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)*
 RT BLACKOUT (PHYSIOLOGY)
 BLACKOUT (PROPAGATION)

BLACKOUT (PHYSIOLOGY)

GS SYNCOPES
 . **BLACKOUT (PHYSIOLOGY)**
 . . BLACKOUT PREVENTION
 UNCONSCIOUSNESS
 . **BLACKOUT (PHYSIOLOGY)**
 . . BLACKOUT PREVENTION
 RT ACCELERATION TOLERANCE
 ∞BLACKOUT
 ∞COMA

BLACKOUT (PROPAGATION)

UF IONOSPHERIC BLACKOUT
 GS ELECTROMAGNETIC INTERFERENCE
 . RADIO FREQUENCY INTERFERENCE
 . . **BLACKOUT (PROPAGATION)**
 . . . ELECTROMAGNETIC NOISE
 ATMOSPHERICS
 IONOSPHERICS
 DAWN CHORUS
 HISS
 SUDDEN ENHANCEMENT OF
 ATMOSPHERICS
 WHISTLERS
 COSMIC NOISE
 IONOSPHERIC NOISE
 WHISTLERS

BLACKOUT (PROPAGATION)-(CONT.)

... SHOT NOISE
 ... WHITE NOISE
 THERMAL NOISE
 ... IONOSPHERIC CROSS MODULATION
 ... POLAR RADIO BLACKOUT
 RT ∞BLACKOUT
 ELECTROMAGNETIC FIELDS
 IONOSPHERIC DISTURBANCES
 PLASMA SHEATHS
 PLASMAS (PHYSICS)
 RADIATION EFFECTS
 RADIO COMMUNICATION
 REENTRY COMMUNICATION
 REENTRY EFFECTS
 SOLAR ACTIVITY EFFECTS
 X RAYS

BLACKOUT PREVENTION

GS HUMAN PERFORMANCE
 . ASTRONAUT PERFORMANCE
 . . **BLACKOUT PREVENTION**
 SYNCOPES
 . BLACKOUT (PHYSIOLOGY)
 . . **BLACKOUT PREVENTION**
 UNCONSCIOUSNESS
 . BLACKOUT (PHYSIOLOGY)
 . . **BLACKOUT PREVENTION**
 RT ACCELERATION TOLERANCE
 ∞COMA
 WEIGHTLESSNESS

BLADDER

GS ANATOMY
 . GENITOURINARY SYSTEM
 . . **BLADDER**
 . ORGANS
 . . **BLADDER**
 VISCERA
 . ORGANS
 . . **BLADDER**
 RT PROSTATE GLAND
 UROLOGY

BLADDERS (MECHANICS)

USE DIAPHRAGMS (MECHANICS)

BLADE SLAP NOISE

RT AERODYNAMIC NOISE
 AIRCRAFT NOISE
 BLADE TIPS
 HELICOPTERS

BLADE TIPS

GS TIPS
 . **BLADE TIPS**
 RT AIRFOIL PROFILES
 BLADE SLAP NOISE
 PROPELLER BLADES
 ROTARY WINGS
 ROTOR BLADES (TURBOMACHINERY)
 WING TIPS

∞BLADES

SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)*
 RT AIRFOILS
 BLADES (CUTTERS)
 COMPRESSOR BLADES
 FINS
 HYDROFOILS
 PROPELLER BLADES
 RIMS
 ROTARY WINGS
 ROTOR BLADES (TURBOMACHINERY)
 STATOR BLADES
 TURBINE BLADES
 TURBOMACHINE BLADES
 VANES

BLADES (CUTTERS)

GS CUTTERS
 . **BLADES (CUTTERS)**
 . . RAZOR BLADES
 RT ∞BLADES

∞BLANKETS

SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)*
 RT BEDDING EQUIPMENT
 BLANKETS (FISSION REACTORS)
 CLOUD COVER
 CONTROLLED ATMOSPHERES

BLANKETS-(CONT.)

SOLAR BLANKETS

BLANKETS (FISSION REACTORS)

RT ∞BLANKETS
 ∞DAMPERS
 FISSION
 REACTOR DESIGN
 REACTOR MATERIALS

BLANKETS (FUSION REACTORS)

RT FUSION REACTORS
 LIMITERS (FUSION REACTORS)
 MODERATORS
 REACTOR DESIGN
 REACTOR MATERIALS

∞BLANKING

SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)*
 RT BLANKING (CUTTING)
 FORMING TECHNIQUES
 STAMPING

BLANKING (CUTTING)

GS CUTTING
 . **BLANKING (CUTTING)**
 FORMING TECHNIQUES
 . PRESSING (FORMING)
 . . **BLANKING (CUTTING)**
 RT ∞BLANKING
 LASER CUTTING
 SHEARING
 STAMPING

BLANKS

RT AMMUNITION
 BRIQUETS
 FORMS (PAPER)
 PREFORMS

BLASIUS EQUATION

GS ANALYSIS (MATHEMATICS)
 . REAL VARIABLES
 . . DIFFERENTIAL EQUATIONS
 . . . **BLASIUS EQUATION**
 RT BOUNDARY LAYER FLOW
 FALKNER-SKAN EQUATION
 FLAT PLATES
 PRANDTL-MEYER EXPANSION

BLASIUS FLOW

GS FLUID FLOW
 . LAMINAR FLOW
 . . **BLASIUS FLOW**
 . UNIFORM FLOW
 . . **BLASIUS FLOW**
 RT FLAT PLATES
 HEAD FLOW
 TOLLMEIN-SCHLICHTING WAVES
 TURBULENT FLOW
 TWO DIMENSIONAL FLOW
 WEDGE FLOW

BLAST DEFLECTORS

GS DEFLECTORS
 . **BLAST DEFLECTORS**
 RT BAFFLES
 DIVERTERS
 FLAME DEFLECTORS
 SHIELDING

BLAST LOADS

GS AERODYNAMIC FORCES
 . AERODYNAMIC LOADS
 . . **BLAST LOADS**
 LOADS (FORCES)
 . DYNAMIC LOADS
 . . AERODYNAMIC LOADS
 . . . **BLAST LOADS**
 . . . TRANSIENT LOADS
 . . . SHOCK LOADS
 **BLAST LOADS**
 RT AERIAL EXPLOSIONS
 DYNAMIC PRESSURE
 EXPLOSIONS
 GUST LOADS
 IMPACT LOADS
 OVERPRESSURE
 PRESSURE
 PRESSURE PULSES
 RIEMANN WAVES
 SHOCK WAVES

BLASTOFF

BLAST LOADS-(CONT.)
WAVE RESISTANCE

BLASTOFF
USE ROCKET LAUNCHING

BLASTS
SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)*
RT EXHAUST GASES
EXPLOSIONS
JET BLAST EFFECTS
SHOCK WAVES
SOUND WAVES

BLATON FORMULA
RT AIR FLOW
ANTICYCLONES
CYCLONES
LAMINAR FLOW
METEOROLOGY
WIND VARIATIONS

BLATTIDAE
USE COCKROACHES

BLEACHING
RT CHLORINATION
CLEANING
FADING

BLEED-OFF
USE PRESSURE REDUCTION

BLEEDING
SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)*
RT BOUNDARY LAYER CONTROL
FLUID MECHANICS
HEMORRHAGES
PRESSURE REDUCTION

BLENDS
USE MIXTURES

BLIGHT
UF DISEASED VEGETATION
GS DISEASES
. PARASITIC DISEASES
. **BLIGHT**
RT ALFALFA
BACTERIA
BARLEY
BOTANY
CITRUS TREES
CORN
CROP GROWTH
CROP VIGOR
FUNGI
ORCHARDS
PARASITES
PLANTS (BOTANY)
RHIZOPUS
RUST FUNGI
VINEYARDS

BLIND LANDING
GS LANDING
. **BLIND LANDING**
RT AIRCRAFT LANDING
APPROACH INDICATORS
AUTOMATIC LANDING CONTROL
INSTRUMENT APPROACH
INSTRUMENT FLIGHT RULES
INSTRUMENT LANDING SYSTEMS
LANDING INSTRUMENTS
NIGHT FLIGHTS (AIRCRAFT)

BLINDNESS
GS **BLINDNESS**
. FLASH BLINDNESS
RT BRAILLE
EYE DISEASES
OPTOMETRY
VISION

BLINDS
RT SHIELDING
SHUTTERS

BLISTERS
SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)*
RT INFECTIOUS DISEASES
INJURIES
MUCOCELES
PROTUBERANCES
RUPTURING
SKIN (ANATOMY)
VIRUSES

BLOCH BAND
GS ENERGY BANDS
. **BLOCH BAND**
RT SUPERCONDUCTIVITY

BLOCK DIAGRAMS
GS DIAGRAMS
. **BLOCK DIAGRAMS**
RT CHARTS
COMPUTER PROGRAMMING
COMPUTER PROGRAMS
FLOW CHARTS
RESEARCH MANAGEMENT
SYSTEMS ANALYSIS

BLOCK ISLAND SOUND (RI)
GS SOUNDS (TOPOGRAPHIC FEATURES)
. **BLOCK ISLAND SOUND (RI)**
RT ATLANTIC OCEAN
RHODE ISLAND

BLOCKING
UF OBSTRUCTING
RT **ARRESTERS**
CLOSING
CLOSURES
CONSTRAINTS
CONSTRICTIONS
CONTAINMENT
PLUGGING
PLUGS
PREVENTION
RETARDERS (DEVICES)
RETARDING
SEALING
SEALS (STOPPERS)
STOPPING

BLOCKS
RT CUBES (MATHEMATICS)
PULLEYS
SLABS

BLOEDITE
GS MINERALS
. **BLOEDITE**
RT MAGNESIUM SULFATES
SODIUM COMPOUNDS
SULFUR COMPOUNDS

BLOOD
GS BODY FLUIDS
. **BLOOD**
. ERYTHROCYTES
. RETICULOCYTES
. LEUKOCYTES
. EOSINOPHILS
. LYMPHOCYTES
. THROMBIN
. THROMBOPLASTIN
. WHITE BLOOD CELLS

RT ANEMIAS
BIOCOMPATIBILITY
CAPILLARIES (ANATOMY)
CARBOXYHEMOGLOBIN TEST
CARDIOVASCULAR SYSTEM
CIRCULATION
COAGULATION
FIBRIN
HEART
HEMATOCRIT
HEMATOPOIESIS
HEMOGLOBIN
HEMORRHAGES
HYPERCAPNIA
HYPOCAPNIA
OXIMETRY
RHESUS FACTOR
TRANSFUSION

BLOOD CIRCULATION
GS CIRCULATION
. **BLOOD CIRCULATION**

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BLOOD CIRCULATION-(CONT.)
. BRAIN CIRCULATION
. CORONARY CIRCULATION
. INTERCRANIAL CIRCULATION
. INTRAVASCULAR SYSTEM
. ISCHEMIA
. OCULAR CIRCULATION
. PERIPHERAL CIRCULATION
. PULMONARY CIRCULATION
RT ARTIFICIAL CARDIAC PACEMAKER
ARTIFICIAL HEART VALVES
BLOOD-BRAIN BARRIER
CARBOXYHEMOGLOBIN
CIRCULATORY SYSTEM
CYANOSIS
DIASTOLE
ELECTROPLETHYSMOGRAPHY
HEART IMPLANTATION
HEMODYNAMIC RESPONSES
HEMODYNAMICS
HYPERVOLEMIA
HYPOVOLEMIA
PHONOARTERIOGRAPHY
RHEOENCEPHALOGRAPHY
RHEOMETERS
TOURNIQUETS
VASCULAR SYSTEM

BLOOD COAGULATION
GS COAGULATION
. **BLOOD COAGULATION**
RT CLOTTING
HEMOSTATICS
MYOCARDIAL INFARCTION
PLATELETS
THROMBOCYTES
THROMBOSIS

BLOOD FLOW
GS FLUID FLOW
. **BLOOD FLOW**
RT CAPILLARY FLOW
DIASTOLE
HEMOPERFUSION
SYSTOLE
TOURNIQUETS

BLOOD GROUPS
RT PLATELETS

BLOOD PLASMA
RT BODY FLUIDS
CORPUSCLES

BLOOD PRESSURE
GS PRESSURE
. **BLOOD PRESSURE**
. DIASTOLIC PRESSURE
. HYPERTENSION
. HYPOTENSION
. SYSTOLIC PRESSURE
RT CRAMPTON TEST
DIASTOLE
HEMODYNAMIC RESPONSES
HEMOPERFUSION
MANOMETERS
OPHTHALMODYNAMOMETRY
ORTHOSTATIC TOLERANCE
SPHYGMOGRAPHY
SYSTOLE
TENSION

BLOOD PUMPS
GS MEDICAL EQUIPMENT
. **BLOOD PUMPS**
PUMPS
RT **BLOOD PUMPS**
ARTIFICIAL HEART VALVES
BIOTECHNOLOGY
CIRCULATION
CIRCULATORY SYSTEM
HEART
PULMONARY CIRCULATION

BLOOD VESSELS
GS ANATOMY
. CARDIOVASCULAR SYSTEM
. **BLOOD VESSELS**
. ARTERIES
. AORTA
. CAPILLARIES (ANATOMY)
. GLOMERULUS
. VEINS
. CIRCULATORY SYSTEM
. VASCULAR SYSTEM

BLOOD VESSELS-(CONT.)

... **BLOOD VESSELS**
 ... ARTERIES
 ... AORTA
 ... CAPILLARIES (ANATOMY)
 ... GLOMERULUS
 ... VEINS
 RT BIFURCATION (BIOLOGY)
 CAROTID SINUS BODY
 CAROTID SINUS REFLEX
 CATHETERIZATION
 EMBOLISMS
 ENDOTHELIUM
 FAT EMBOLISMS
 VASOCONSTRICTION
 VASODILATION
 ∞ VESSELS

BLOOD VOLUME

RT CARDIOVASCULAR SYSTEM
 CHRONIC CONDITIONS
 CLINICAL MEDICINE
 HEMATOPOIETIC SYSTEM
 HEMODYNAMICS
 HYPERVOLEMIA
 HYPOVOLEMIA

BLOOD-BRAIN BARRIER

RT BLOOD CIRCULATION
 CENTRAL NERVOUS SYSTEM
 NEURONS

BLOWDOWN WIND TUNNELS

GS TEST FACILITIES
 . WIND TUNNELS
 . . **BLOWDOWN WIND TUNNELS**
 RT HOTSHOT WIND TUNNELS
 HYPERSONIC WIND TUNNELS
 HYPERVELOCITY WIND TUNNELS
 LOW DENSITY RESEARCH
 LOW SPEED WIND TUNNELS
 SUBSONIC WIND TUNNELS
 SUPERSONIC WIND TUNNELS
 TRANSONIC WIND TUNNELS

BLOWERS

RT AIR CONDITIONING
 AIR CONDITIONING EQUIPMENT
 AIR DUCTS
 BLOWING
 CENTRIFUGAL COMPRESSORS
 COMPRESSORS
 COOLING SYSTEMS
 DUCTED FANS
 EXHAUST SYSTEMS
 ∞ FANS
 IMPELLERS
 INJECTORS
 MATERIALS HANDLING
 MIXERS
 ∞ NOZZLES
 REFRIGERATING MACHINERY
 SEALING
 SPRAYERS
 SUPERCHARGERS
 TURBOMACHINERY
 VENTILATION
 VENTILATION FANS
 VENTILATORS

BLOWING

GS SPANWISE BLOWING
 . **BLOWING**
 RT AERATION
 AGITATION
 BLOWERS
 BOUNDARY LAYER CONTROL
 CIRCULATION
 CIRCULATION CONTROL AIRFOILS
 COMPRESSING
 ENTRAINMENT
 EXHAUSTING
 FORCED CONVECTION
 INJECTION
 MIXING
 ∞ PUMPING
 SPRAYING
 WIND (METEOROLOGY)

BLOWN FLAPS

USE EXTERNALLY BLOWN FLAPS

BLOWOUTS

RT FATIGUE LIFE
 TIRES

BLUE GOOSE MISSILE

GS DECOYS
 . **BLUE GOOSE MISSILE**
 MISSILES
 . SURFACE TO AIR MISSILES
 . . **BLUE GOOSE MISSILE**
 RT BOOSTER ROCKET ENGINES
 COUNTERMEASURES
 J-85 ENGINE
 SOLID PROPELLANT ROCKET ENGINES

BLUE GREEN ALGAE

UF CYANOPHYTA
 GS ALGAE
 . **BLUE GREEN ALGAE**
 . . NOSTOC

BLUE SCOUT JR ROCKET VEHICLE

GS LAUNCH VEHICLES
 . **BLUE SCOUT JR ROCKET VEHICLE**
 ROCKET VEHICLES
 . MULTISTAGE ROCKET VEHICLES
 . . **BLUE SCOUT JR ROCKET VEHICLE**
 RT SOLID PROPELLANT ROCKET ENGINES
 STANDARD LAUNCH VEHICLES

BLUE SCOUT ROCKET VEHICLE

GS LAUNCH VEHICLES
 . **BLUE SCOUT ROCKET VEHICLE**
 ROCKET VEHICLES
 . MULTISTAGE ROCKET VEHICLES
 . . **BLUE SCOUT ROCKET VEHICLE**
 RT ALGOL ENGINE
 SOLID PROPELLANT ROCKET ENGINES
 X-248 ENGINE
 X-254 ENGINE
 XM-33 ENGINE

BLUE STARS

GS CELESTIAL BODIES
 . STARS
 . . HOT STARS
 . . . **BLUE STARS**
 RT A STARS
 B STARS
 O STARS

BLUE STEEL MISSILE

GS MISSILES
 . **BLUE STEEL MISSILE**
 RT LIQUID PROPELLANT ROCKET ENGINES

BLUE STREAK LAUNCH VEHICLE

GS LAUNCH VEHICLES
 . **BLUE STREAK LAUNCH VEHICLE**
 ROCKET VEHICLES
 . **BLUE STREAK LAUNCH VEHICLE**
 RT ELDO LAUNCH VEHICLE
 LIQUID PROPELLANT ROCKET ENGINES

BLUE STREAK MISSILE

GS MISSILES
 . BALLISTIC MISSILES
 . . INTERMEDIATE RANGE BALLISTIC
 MISSILES
 . . . **BLUE STREAK MISSILE**
 . SURFACE TO SURFACE MISSILES
 . . INTERMEDIATE RANGE BALLISTIC
 MISSILES
 . . . **BLUE STREAK MISSILE**
 ROCKET VEHICLES
 . **BLUE STREAK MISSILE**
 RT LIQUID PROPELLANT ROCKET ENGINES

BLUEPRINTS

GS DOCUMENTS
 . ENGINEERING DRAWINGS
 . . **BLUEPRINTS**
 DRAWINGS
 . ENGINEERING DRAWINGS
 . . **BLUEPRINTS**
 RT LAYOUTS
 REPRODUCTION (COPYING)

BLUFF BODIES

RT BLUNT BODIES
 ∞ BODIES
 DUCTED BODIES
 FOREBODIES
 LIFTING BODIES
 REENTRY VEHICLES
 ROSKHO PREDICTION

BLUFFS (LANDFORMS)

USE CLIFFS

BLUNT BODIES

RT AERODYNAMIC CONFIGURATIONS
 AERODYNAMICS
 AXISYMMETRIC BODIES
 BLUFF BODIES
 ∞ BODIES
 DUCTED BODIES
 FOREBODIES
 MISSILE BODIES
 NOSE CONES
 SYMMETRICAL BODIES

BLUNT LEADING EDGES

GS EDGES
 . **BLUNT LEADING EDGES**
 RT AIRFOILS
 FOREBODIES
 TRAILING EDGES

BLUNT TRAILING EDGES

GS EDGES
 . TRAILING EDGES
 . . **BLUNT TRAILING EDGES**
 RT AIRFOILS
 CONTROL SURFACES
 WINGS

BLURRING

RT ABERRATION
 RESOLUTION
 SPATIAL FILTERING

BMC

USE BONE MINERAL CONTENT

BMEWS

USE BALLISTIC MISSILE EARLY WARNING
 SYSTEM

BO P-310 HELICOPTER

GS BOLKOW AIRCRAFT
 . **BO P-310 HELICOPTER**
 V/STOL AIRCRAFT
 . ROTARY WING AIRCRAFT
 . . HELICOPTERS
 . . . **BO P-310 HELICOPTER**

BO-105 HELICOPTER

GS BOLKOW AIRCRAFT
 . **BO-105 HELICOPTER**
 PASSENGER AIRCRAFT
 . **BO-105 HELICOPTER**
 UTILITY AIRCRAFT
 . **BO-105 HELICOPTER**
 V/STOL AIRCRAFT
 . ROTARY WING AIRCRAFT
 . . HELICOPTERS
 . . . **BO-105 HELICOPTER**

BOARDS (PAPER)

RT ∞ CONSTRUCTION MATERIALS
 PAPER (MATERIAL)
 PAPERS

BOATS

GS SURFACE VEHICLES
 . **BOATS**
 . . LIFEBOATS
 WATER VEHICLES
 . **BOATS**
 . . LIFEBOATS
 RT AMPHIBIOUS VEHICLES
 HARBORS
 INFLATABLE STRUCTURES
 KEELS
 ∞ MILITARY VEHICLES
 RESEARCH VEHICLES
 SHIPS
 UNDERWATER VEHICLES

BOATTAILS

RT AFTERBODIES
 SKIRTS
 TAIL ASSEMBLIES

BOD

USE BIOCHEMICAL OXYGEN DEMAND

BODIES

∞ BODIES

SN (USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)

RT AFTERBODIES
AXISYMMETRIC BODIES
BLUFF BODIES
BLUNT BODIES
BODIES OF REVOLUTION
CELESTIAL BODIES
CENTERBODIES
DUCTED BODIES
ELASTIC BODIES
FINNED BODIES
FLEXIBLE BODIES
FOREIGN BODIES
HERBIG-HARO OBJECTS
HUMAN BODY
LENTICULAR BODIES
LIFTING BODIES
MANEUVERABLE REENTRY BODIES
MISSILE BODIES
PLANFORMS
PYRAMIDAL BODIES
REENTRY VEHICLES
ROTATING BODIES
SLENDER BODIES
SOLIDS
STREAMLINED BODIES
SYMMETRICAL BODIES
TOWED BODIES
TWO DIMENSIONAL BODIES

BODIES OF REVOLUTION

GS SYMMETRICAL BODIES
BODIES OF REVOLUTION
CONICAL BODIES
SLENDER CONES
CYLINDRICAL BODIES
ROTATING CYLINDERS
PARABOLIC BODIES
SPHERES
CELESTIAL SPHERE
CONCENTRIC SPHERES
FALLING SPHERES
POINCARÉ SPHERES
ROTATING SPHERES
TORUSES

RT AERODYNAMIC CONFIGURATIONS
AERODYNAMICS
AXES OF ROTATION
AXISYMMETRIC BODIES
∞ BODIES
CONES
DISKS (SHAPES)
ELLIPSOIDS
FINNED BODIES
GEOMETRY
∞ HEMISPHERES
HEMISPHERICAL SHELLS
OGIVES
∞ RINGS
SPHERICAL SHELLS
STREAMLINED BODIES

BODY CENTERED CUBIC LATTICES

UF BCC LATTICES
GS CRYSTAL LATTICES
BODY CENTERED CUBIC LATTICES
RT CLOSE PACKED LATTICES
CRYSTALS
FACE CENTERED CUBIC LATTICES

BODY COMPOSITION (BIOLOGY)

GS COMPOSITION (PROPERTY)
BODY COMPOSITION (BIOLOGY)
PHYSIOLOGY
RT BODY COMPOSITION (BIOLOGY)
CHEMICAL COMPOSITION
EXOSKELETONS

BODY FLUIDS

GS BODY FLUIDS
BLOOD
ERYTHROCYTES
RETICULOCYTES
LEUKOCYTES
EOSINOPHILS
LYMPHOCYTES
THROMBIN
THROMBOPLASTIN
WHITE BLOOD CELLS
CEREBROSPINAL FLUID
ENDOLYMPH
LYMPH

BODY FLUIDS-(CONT.)

LYMPHOCYTES
MUCOUS
SALIVA
SWEAT
URINE
RT BLOOD PLASMA
DIURESIS
EDEMA
∞ FLUIDS
ISOTONICITY
LYSOZYME
MINERAL METABOLISM
OBESITY
PERSPIRATION
SECRETIONS
WATER
WATER BALANCE

BODY KINEMATICS

GS KINEMATICS
BODY KINEMATICS
RT ACCELERATION (PHYSICS)
ACCELERATION STRESSES
(PHYSIOLOGY)
KINETICS
PARTICLE THEORY
VELOCITY

BODY MEASUREMENT (BIOLOGY)

SN (LIMITED TO BIOLOGICAL APPLICATIONS
--FOR MEASUREMENT OF
NON-BIOLOGICAL BODIES USE SIZE
DETERMINATION)
GS BIOENGINEERING
BIOMETRICS
BODY MEASUREMENT (BIOLOGY)
ANTHROPOMETRY
ELECTROPLETHYSMOGRAPHY
RT BIOMEDICAL DATA
ELECTROCARDIOGRAPHY
ELECTROENCEPHALOGRAPHY
ELECTROPHYSIOLOGY
∞ ENGINEERING
HUMAN BODY
HUMAN FACTORS ENGINEERING
OBESITY
SIZE DETERMINATION
∞ SIZING

BODY SIZE (BIOLOGY)

RT ANTHROPOMETRY
OBESITY

BODY SWAY TEST

GS PHYSIOLOGICAL TESTS
BODY SWAY TEST
RT ∞ EQUILIBRIUM
VERTICAL PERCEPTION
VESTIBULAR TESTS

BODY TEMPERATURE

SN (LIMITED TO TEMPERATURE OF
BIOLOGICAL BODIES)
GS TEMPERATURE
BODY TEMPERATURE
RT COLD TOLERANCE
FEVER
HEAT ACCLIMATIZATION
HEAT STROKE
HEAT TOLERANCE
HOMEOSTASIS
HOMEOTHERMS
HUMIDITY
HYPERTHERMIA
HYPOTHERMIA
PERSPIRATION
POIKILOthermia
SHIVERING
THERMORECEPTORS
THERMOREGULATION
VASOCONSTRICTION
VASODILATION

BODY TEMPERATURE (NON-BIOLOGICAL)

USE TEMPERATURE

BODY TEMPERATURE REGULATION

USE THERMOREGULATION

BODY VOLUME (BIOLOGY)

GS VOLUME
BODY VOLUME (BIOLOGY)
RT OBESITY

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BODY WEIGHT

GS WEIGHT (MASS)
BODY WEIGHT
RT OBESITY
WEIGHTLESSNESS

BODY-WING AND TAIL CONFIGURATIONS

RT AERODYNAMIC CONFIGURATIONS
∞ CONFIGURATIONS
FUSELAGES
TAIL ASSEMBLIES
WINGS

BODY-WING CONFIGURATIONS

RT AERODYNAMIC CONFIGURATIONS
AIRFOILS
DROOPED AIRFOILS
GAW-2 AIRFOIL
WINGS

BOEING AIRCRAFT

UF VERTOL MILITARY HELICOPTERS
GS BOEING AIRCRAFT
B-47 AIRCRAFT
B-50 AIRCRAFT
B-52 AIRCRAFT
BOEING 707 AIRCRAFT
BOEING 720 AIRCRAFT
BOEING 727 AIRCRAFT
BOEING 733 AIRCRAFT
BOEING 737 AIRCRAFT
BOEING 747 AIRCRAFT
BOEING 757 AIRCRAFT
BOEING 767 AIRCRAFT
BOEING 2707 AIRCRAFT
C-97 AIRCRAFT
C-135 AIRCRAFT
CH-21 HELICOPTER
CH-46 HELICOPTER
CH-47 HELICOPTER
CH-62 HELICOPTER
E-3A AIRCRAFT
E-4A AIRCRAFT
H-25 HELICOPTER
RB-50 AIRCRAFT
VZ-2 AIRCRAFT
X-20 AIRCRAFT
RT ∞ AIRCRAFT
AWACS AIRCRAFT
YC-14 AIRCRAFT

BOEING MILITARY AIRCRAFT

USE MILITARY AIRCRAFT

BOEING 707 AIRCRAFT

GS BOEING AIRCRAFT
BOEING 707 AIRCRAFT
COMMERCIAL AIRCRAFT
BOEING 707 AIRCRAFT
JET AIRCRAFT
TURBOFAN AIRCRAFT
BOEING 707 AIRCRAFT
MONOPLANES
BOEING 707 AIRCRAFT
PASSENGER AIRCRAFT
BOEING 707 AIRCRAFT
TRANSPORT AIRCRAFT
BOEING 707 AIRCRAFT

BOEING 720 AIRCRAFT

GS BOEING AIRCRAFT
BOEING 720 AIRCRAFT
COMMERCIAL AIRCRAFT
BOEING 720 AIRCRAFT
JET AIRCRAFT
TURBOFAN AIRCRAFT
BOEING 720 AIRCRAFT
MONOPLANES
BOEING 720 AIRCRAFT
PASSENGER AIRCRAFT
BOEING 720 AIRCRAFT
TRANSPORT AIRCRAFT
BOEING 720 AIRCRAFT

BOEING 727 AIRCRAFT

GS BOEING AIRCRAFT
BOEING 727 AIRCRAFT
COMMERCIAL AIRCRAFT
BOEING 727 AIRCRAFT
JET AIRCRAFT
TURBOFAN AIRCRAFT
BOEING 727 AIRCRAFT
PASSENGER AIRCRAFT
BOEING 727 AIRCRAFT
TRANSPORT AIRCRAFT

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BOEING 727 AIRCRAFT-(CONT.)
 . **BOEING 727 AIRCRAFT**
 RT CARGO AIRCRAFT

BOEING 733 AIRCRAFT
 GS **BOEING AIRCRAFT**
 . **BOEING 733 AIRCRAFT**
 COMMERCIAL AIRCRAFT
 . **BOEING 733 AIRCRAFT**
 JET AIRCRAFT
 . TURBOFAN AIRCRAFT
 . . **BOEING 733 AIRCRAFT**
 MONOPLANES
 . **BOEING 733 AIRCRAFT**
 SUPERSONIC AIRCRAFT
 . **BOEING 733 AIRCRAFT**
 TRANSPORT AIRCRAFT
 . **BOEING 733 AIRCRAFT**
 VARIABLE SWEEP WINGS
 RT

BOEING 737 AIRCRAFT
 GS **BOEING AIRCRAFT**
 . **BOEING 737 AIRCRAFT**
 COMMERCIAL AIRCRAFT
 . **BOEING 737 AIRCRAFT**
 JET AIRCRAFT
 . TURBOFAN AIRCRAFT
 . . **BOEING 737 AIRCRAFT**
 MONOPLANES
 . **BOEING 737 AIRCRAFT**
 PASSENGER AIRCRAFT
 . **BOEING 737 AIRCRAFT**
 TRANSPORT AIRCRAFT
 . **BOEING 737 AIRCRAFT**
 CARGO AIRCRAFT
 RT

BOEING 747 AIRCRAFT
 GS **BOEING AIRCRAFT**
 . **BOEING 747 AIRCRAFT**
 COMMERCIAL AIRCRAFT
 . **BOEING 747 AIRCRAFT**
 JET AIRCRAFT
 . **BOEING 747 AIRCRAFT**
 PASSENGER AIRCRAFT
 . **BOEING 747 AIRCRAFT**
 TRANSPORT AIRCRAFT
 . **BOEING 747 AIRCRAFT**
 TURBOFAN ENGINES
 RT

BOEING 747B AIRCRAFT
 USE E-4A AIRCRAFT

BOEING 757 AIRCRAFT
 GS **BOEING AIRCRAFT**
 . **BOEING 757 AIRCRAFT**
 COMMERCIAL AIRCRAFT
 . **BOEING 757 AIRCRAFT**
 JET AIRCRAFT
 . TURBOFAN AIRCRAFT
 . . **BOEING 757 AIRCRAFT**
 MONOPLANES
 . **BOEING 757 AIRCRAFT**
 PASSENGER AIRCRAFT
 . **BOEING 757 AIRCRAFT**
 TRANSPORT AIRCRAFT
 . **BOEING 757 AIRCRAFT**

BOEING 767 AIRCRAFT
 GS **BOEING AIRCRAFT**
 . **BOEING 767 AIRCRAFT**
 COMMERCIAL AIRCRAFT
 . **BOEING 767 AIRCRAFT**
 JET AIRCRAFT
 . TURBOFAN AIRCRAFT
 . . **BOEING 767 AIRCRAFT**
 MONOPLANES
 . **BOEING 767 AIRCRAFT**
 PASSENGER AIRCRAFT
 . **BOEING 767 AIRCRAFT**
 TRANSPORT AIRCRAFT
 . **BOEING 767 AIRCRAFT**
 RT ∞ AIRCRAFT
 CARGO AIRCRAFT
 TURBOFAN ENGINES

BOEING 2707 AIRCRAFT
 GS **BOEING AIRCRAFT**
 . **BOEING 2707 AIRCRAFT**
 COMMERCIAL AIRCRAFT
 . SUPERSONIC COMMERCIAL AIR
 TRANSPORT
 . . **BOEING 2707 AIRCRAFT**
 JET AIRCRAFT
 . **BOEING 2707 AIRCRAFT**
 PASSENGER AIRCRAFT

BOEING 2707 AIRCRAFT-(CONT.)
 . **BOEING 2707 AIRCRAFT**
 SUPERSONIC AIRCRAFT
 . SUPERSONIC TRANSPORTS
 . . SUPERSONIC COMMERCIAL AIR
 TRANSPORT
 . . . **BOEING 2707 AIRCRAFT**
 TRANSPORT AIRCRAFT
 . **BOEING 2707 AIRCRAFT**

BOGOLIUBOV THEORY
 RT BBGKY HIERARCHY
 ∞ THEORIES

BOGS
 USE MARSHLANDS

BOHR MAGNETON
 GS CONSTANTS
 RT **BOHR MAGNETON**
 ELECTRONS
 MAGNETIC MOMENTS

BOHR THEORY
 GS THEORETICAL PHYSICS
 . **BOHR THEORY**
 RT ELECTRON TRANSITIONS
 LINE SPECTRA
 ∞ THEORIES

BOILER PLATE
 GS METAL PLATES
 . **BOILER PLATE**
 RT THICK WALLS

BOILERS
 UF STEAM GENERATORS
 GS HEATING EQUIPMENT
 . **BOILERS**
 RT EXTERNAL COMBUSTION ENGINES
 FURNACES
 ∞ GENERATORS
 HEAT BALANCE
 PRESSURE VESSELS
 STEAM
 VAPORIZERS
 WASTE ENERGY UTILIZATION

BOILING
 UF EBULLITION
 GS PHASE TRANSFORMATIONS
 . VAPORIZING
 . . **BOILING**
 . . . FILM BOILING
 . . . NUCLEATE BOILING
 LEIDENFROST PHENOMENON
 RT EFFERVESCENCE
 EVAPORATION
 EVOLUTION (LIBERATION)
 HEAT TRANSFER
 HEATING

BOILING WATER REACTORS
 GS NUCLEAR REACTORS
 . LIQUID COOLED REACTORS
 . . WATER COOLED REACTORS
 . . . **BOILING WATER REACTORS**
 BORAX 5 REACTOR
 EXPERIMENTAL BOILING WATER
 REACTORS
 HALDEN BOILING WATER
 REACTOR
 LOS ALAMOS WATER BOILER
 REACTOR
 PATHFINDER NUCLEAR REACTOR
 SENN REACTOR
 SPERT REACTORS
 ZERO POWER REACTOR 7
 RT NUCLEAR POWER REACTORS
 NUCLEAR RESEARCH AND TEST
 REACTORS

BOLIDES
 GS CELESTIAL BODIES
 . METEORIODS
 . . **BOLIDES**
 . . . CYRILLID METEORIODS
 RT ATMOSPHERIC ENTRY
 ATMOSPHERIC HEATING
 ∞ FIREBALLS
 METEOR TRAILS
 METEORITES
 METEOROID SHOWERS
 PRIBRAM METEORITE

BOLTZMANN TRANSPORT EQUATION

BOLIVIA
 RT NATIONS
 SOUTH AMERICA

BOLKOW AIRCRAFT
 GS **BOLKOW AIRCRAFT**
 . BO P-310 HELICOPTER
 . BO-105 HELICOPTER
 . BOLKOW 207 AIRCRAFT
 . BS-210 AIRCRAFT
 RT ∞ AIRCRAFT

BOLKOW 207 AIRCRAFT
 GS **BOLKOW AIRCRAFT**
 . **BOLKOW 207 AIRCRAFT**
 LIGHT AIRCRAFT
 . **BOLKOW 207 AIRCRAFT**
 MONOPLANES
 . **BOLKOW 207 AIRCRAFT**
 PASSENGER AIRCRAFT
 . **BOLKOW 207 AIRCRAFT**

BOLKOW-SIEBEL BS-210 AIRCRAFT
 USE BS-210 AIRCRAFT

BOLL WEEVILS
 GS ANIMALS
 . INVERTEBRATES
 . . ARTHROPODS
 . . . INSECTS
 **BOLL WEEVILS**
 RT BOLLWORMS
 COTTON
 INFESTATION

BOLLWORMS
 GS ANIMALS
 . INVERTEBRATES
 . . ARTHROPODS
 . . . INSECTS
 LARVAE
 **BOLLWORMS**
 RT BOLL WEEVILS
 CORN
 COTTON
 FRUITS
 INFESTATION
 MOTHS

BOLOGRAMS
 USE BOLOMETERS

BOLOMETERS
 UF BOLOGRAMS
 GS MEASURING INSTRUMENTS
 . RADIATION MEASURING INSTRUMENTS
 . . **BOLOMETERS**
 RT DICKE RADIOMETERS
 ELECTRICAL MEASUREMENT
 HEAT MEASUREMENT
 INFRARED DETECTORS
 PHOTOMETERS
 POTENTIOMETERS (INSTRUMENTS)
 RADIATION PYROMETERS
 RADIOMETERS
 RESISTANCE THERMOMETERS
 TEMPERATURE MEASUREMENT
 TEMPERATURE MEASURING
 INSTRUMENTS

BOLTS
 GS FASTENERS
 . **BOLTS**
 . . ROCK BOLTS
 . . TIEBOLTS
 RT ANCHORS (FASTENERS)
 COUPLINGS
 HOLDERS
 NUTS (FASTENERS)
 SCREWS
 STUDS (STRUCTURAL MEMBERS)
 THREADS

BOLTZMANN DISTRIBUTION
 GS DISTRIBUTION (PROPERTY)
 . **BOLTZMANN DISTRIBUTION**
 RT ATMOSPHERIC DENSITY
 ATMOSPHERIC DIFFUSION
 KINETIC THEORY
 STATISTICAL MECHANICS
 TWO FLUID MODELS

BOLTZMANN TRANSPORT EQUATION
 RT BBGKY HIERARCHY

BOLTZMANN-VLASOV EQUATION

BOLTZMANN TRANSPORT EQUATION-(CONT.)

CHAPMAN-ENSKOG THEORY
 ∞ EQUATIONS
 FOKKER-PLANCK EQUATION
 HYDRODYNAMIC EQUATIONS
 KINETIC THEORY
 PARTICLE DIFFUSION
 STATISTICAL MECHANICS
 TRANSPORT PROPERTIES
 TRANSPORT THEORY

BOLTZMANN-VLASOV EQUATION

RT HIGH TEMPERATURE PLASMAS
 MAXWELL EQUATION
 PARTIAL DIFFERENTIAL EQUATIONS
 WAVE EQUATIONS

BOLZA PROBLEMS

RT OPTIMIZATION
 ∞ PROBLEMS

BOMARC A MISSILE

GS MISSILES
 . SURFACE TO AIR MISSILES
 . . BOMARC MISSILES
 . . . BOMARC A MISSILE
 RT LIQUID PROPELLANT ROCKET ENGINES
 LR-59-AJ-13 ENGINE
 SOLID PROPELLANT ROCKET ENGINES

BOMARC B MISSILE

GS MISSILES
 . SURFACE TO AIR MISSILES
 . . BOMARC MISSILES
 . . . BOMARC B MISSILE
 RT LIQUID PROPELLANT ROCKET ENGINES
 SOLID PROPELLANT ROCKET ENGINES

BOMARC MISSILES

GS MISSILES
 . ANTI-AIRCRAFT MISSILES
 . . BOMARC MISSILES
 . SURFACE TO AIR MISSILES
 . . BOMARC MISSILES
 . . . BOMARC A MISSILE
 . . . BOMARC B MISSILE

BOMB CALORIMETERS

GS MEASURING INSTRUMENTS
 . CALORIMETERS
 . . BOMB CALORIMETERS
 RT DROP CALORIMETERS
 FLAME CALORIMETERS
 HEAT MEASUREMENT
 HIGH TEMPERATURE TESTS
 TEMPERATURE MEASURING INSTRUMENTS

∞ BOMBARDMENT

SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)*
 RT HYPERVELOCITY PROJECTILES
 IRRADIATION
 METEORITIC DAMAGE
 SPUTTERING

BOMBER AIRCRAFT

GS ATTACK AIRCRAFT
 . BOMBER AIRCRAFT
 . . A-2 AIRCRAFT
 . . A-3 AIRCRAFT
 . . A-4 AIRCRAFT
 . . A-5 AIRCRAFT
 . . A-6 AIRCRAFT
 . . B-1 AIRCRAFT
 . . B-26 AIRCRAFT
 . . B-47 AIRCRAFT
 . . B-50 AIRCRAFT
 . . B-52 AIRCRAFT
 . . B-57 AIRCRAFT
 . . B-58 AIRCRAFT
 . . B-66 AIRCRAFT
 . . B-70 AIRCRAFT
 . . CL-28 AIRCRAFT
 . . F-100 AIRCRAFT
 . . IL-28 AIRCRAFT
 . . SHACKLETON BOMBER
 . . VALIANT AIRCRAFT
 . . VICTOR MK-1 AIRCRAFT
 . . VULCAN AIRCRAFT
 RT ∞ AIRCRAFT
 ANTISUBMARINE WARFARE AIRCRAFT
 BOMBING EQUIPMENT
 JET AIRCRAFT

BOMBER AIRCRAFT-(CONT.)

∞ MILITARY AIRCRAFT
 ∞ MILITARY AVIATION
 RB-50 AIRCRAFT
 TANKER AIRCRAFT
 TRAINING AIRCRAFT
 VAMPIRE MK 35 AIRCRAFT

BOMBING EQUIPMENT

GS ONBOARD EQUIPMENT
 . AIRCRAFT EQUIPMENT
 . . BOMBING EQUIPMENT
 RT B-1 AIRCRAFT
 BOMBER AIRCRAFT
 BOMBS (ORDNANCE)
 ∞ EQUIPMENT
 FIRE CONTROL

∞ BOMBS

SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)*
 RT BOMBS (ORDNANCE)
 PRECISION GUIDED PROJECTILES
 PRESSURE GAGES
 SAMPLERS

BOMBS (ORDNANCE)

GS EXPLOSIVE DEVICES
 . BOMBS (ORDNANCE)
 RT AMMUNITION
 B-1 AIRCRAFT
 BOMBING EQUIPMENT
 ∞ BOMBS
 EXPLOSIVES
 INCENDIARY AMMUNITION
 MISSILES
 NUCLEAR WEAPONS
 PROJECTILES
 PYROTECHNICS
 SHAPED CHARGES
 TORPEDOES
 WARHEADS

BOMBS (PRESSURE GAGES)

USE PRESSURE GAGES

BOMBS (SAMPLERS)

USE SAMPLERS

BONANZA AIRCRAFT

USE C-35 AIRCRAFT

BOND GRAPHS

GS CHARTS
 . GRAPHS (CHARTS)
 . . BOND GRAPHS
 RT DIFFERENTIAL EQUATIONS
 DYNAMIC MODELS
 MATHEMATICAL MODELS
 ∞ MATHEMATICS
 ∞ NETWORKS
 SIMULATION
 SYSTEMS ANALYSIS
 SYSTEMS ENGINEERING

BONDING

GS BONDING
 . ADHESIVE BONDING
 . AGGLUTINATION
 . CERAMIC BONDING
 . EXPLOSIVE WELDING
 . INERTIA BONDING
 . METAL BONDING
 . . METAL-METAL BONDING
 . . REACTION BONDING
 . . RESIN BONDING
 RT ADHESION
 ADHESION TESTS
 BEAM LEADS
 BINDING
 CEMENTATION
 CHEMICAL BONDS
 COHESION
 COLD WELDING
 DIFFUSION WELDING
 ∞ JOINING
 JOINTS (JUNCTIONS)
 LAMINATES
 LASER WELDING
 SEALING
 SOLDERING
 WELDING

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BONDOC METEORITE

GS CELESTIAL BODIES
 . METEORITES
 . . STONY METEORITES
 . . . ACHONDRITES
 BONDOD METEORITE

BONE DEMINERALIZATION

GS DEMINERALIZING
 . BONE DEMINERALIZATION DISEASES
 . BONE DEMINERALIZATION
 RT BIOLOGICAL EFFECTS
 ∞ BIOLOGY
 BONES
 OSTEOPOROSIS
 PHYSIOLOGICAL EFFECTS
 WEIGHTLESSNESS

BONE MARROW

RT CANCER
 ERYTHROCYTES
 LEUKEMIAS

BONE MINERAL CONTENT

UF BMC
 GS CONTENT
 . BONE MINERAL CONTENT
 RT BIOENGINEERING
 ∞ BIOLOGY
 BIOMETRICS
 BONES
 CALCIUM CARBONATES
 CALCIUM PHOSPHATES
 COLLAGENS
 MINERALS
 OSTEOPOROSIS

BONES

GS ANATOMY
 . MUSCULOSKELETAL SYSTEM
 . . BONES
 . . . CARTILAGE
 . . . CEREBRUM
 . . . FEMUR
 . . . MARROW
 . . . MASTOIDS
 . . . PELVIS
 . . . SCAPULA
 . . . SCIATIC REGION
 . . . SKULL
 CRANIUM
 INTRACRANIAL CAVITY
 . . . STERNUM
 . . . TIBIA
 . . . ULNA
 . . . VERTEBRAE
 RT ARTHRITIS
 BONE DEMINERALIZATION
 BONE MINERAL CONTENT
 CALCIFICATION
 CHIN
 CONNECTIVE TISSUE
 EXOSKELETONS
 JOINTS (ANATOMY)
 LAMELLA
 OSTEOPOROSIS
 SPINAL CORD
 SPLINTS
 VERTEBRAL COLUMN

BONNE PROJECTION

RT MAPPING
 MAPS
 ∞ PROJECTION

BOOLEAN ALGEBRA

GS MATHEMATICAL LOGIC
 . LATTICES (MATHEMATICS)
 . . BOOLEAN ALGEBRA
 . . . BOOLEAN FUNCTIONS
 RT ALGEBRA
 ∞ CONJUNCTION
 INSTRUCTION SETS (COMPUTERS)
 ∞ LOGIC
 SET THEORY
 SWITCHING THEORY
 TRANSISTOR LOGIC
 ∞ UNIONS

BOOLEAN FUNCTIONS

GS FUNCTIONS (MATHEMATICS)
 . BOOLEAN FUNCTIONS
 MATHEMATICAL LOGIC
 . LATTICES (MATHEMATICS)

BOOLEAN FUNCTIONS-(CONT.)

- . . BOOLEAN ALGEBRA
- . . . BOOLEAN FUNCTIONS

∞ BOOM

- SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)*
- RT BOOMS (EQUIPMENT)
- SONIC BOOMS
- TAIL ASSEMBLIES

BOOMS (EQUIPMENT)

- GS POSITIONING DEVICES (MACHINERY)
- . BOOMS (EQUIPMENT)
- RT ∞ BOOM
- CRANES

BOOST

- USE ACCELERATION (PHYSICS)

BOOSTER RECOVERY

- RT EXPENDABLE STAGES (SPACECRAFT)
- RECOVERABLE LAUNCH VEHICLES
- ∞ RECOVERY
- RECOVERY PARACHUTES
- SPACECRAFT RECOVERY

BOOSTER ROCKET ENGINES

- UF ROCKET BOOSTERS
- GS ENGINES
- . ROCKET ENGINES
- . . BOOSTER ROCKET ENGINES
- . . . AJ-10 ENGINE
- . . . ALGOL ENGINE
- . . . APOGEE BOOST MOTORS
- . . . H-1 ENGINE
- . . . LR-59-AJ-13 ENGINE
- . . . LR-87-AJ-3 ENGINE
- . . . LR-87-AJ-5 ENGINE
- . . . M-1 ENGINE
- . . . M-55 ENGINE
- . . . MA-2 ENGINE
- . . . MA-3 ENGINE
- . . . MA-5 ENGINE
- . . . NIKE BOOSTER ROCKET ENGINES
- . . . P-1 ENGINE
- . . . ROCKET ENGINE 2KS-36250
- . . . ROCKET ENGINE 9KS-11000
- . . . ROCKET ENGINE 15KS-25000
- . . . TU-122 ENGINE
- . . . TX-135 ENGINE
- . . . X-405 ENGINE
- RT AIR BREATHING BOOSTERS
- BLUE GOOSE MISSILE
- ∞ BOOSTERS
- BURNOUT
- DUCTED ROCKET ENGINES
- EXPENDABLE STAGES (SPACECRAFT)
- F-1 ROCKET ENGINE
- HYBRID PROPELLANT ROCKET ENGINES
- INTERNAL COMBUSTION ENGINES
- JUNO 5 LAUNCH VEHICLE
- LAUNCH VEHICLES
- LIQUID PROPELLANT ROCKET ENGINES
- MACE MISSILES
- NUCLEAR ENGINE FOR ROCKET VEHICLES
- NUCLEAR ROCKET ENGINES
- RECOVERABLE SPACECRAFT
- SOLID PROPELLANT ROCKET ENGINES
- SPINNING SOLID UPPER STAGE
- STAGE SEPARATION
- SUSTAINER ROCKET ENGINES
- TURBOROCKET ENGINES
- TX-354 ENGINE

∞ BOOSTER ROCKETS

- SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)*
- RT LAUNCH VEHICLES

∞ BOOSTERS

- SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)*
- RT AIR BREATHING BOOSTERS
- AMPLIFIERS
- APOGEE BOOST MOTORS
- BOOSTER ROCKET ENGINES
- BOOSTERS (EXPLOSIVES)
- LAUNCH VEHICLES
- SCOUT PROJECT
- SPACE SHUTTLE BOOSTERS

BOOSTERS-(CONT.)

TITAN PROJECT

BOOSTERS (EXPLOSIVES)

- GS EXPLOSIVE DEVICES
- . INITIATORS (EXPLOSIVES)
- . . BOOSTERS (EXPLOSIVES)
- IGNITERS
- . INITIATORS (EXPLOSIVES)
- . . BOOSTERS (EXPLOSIVES)
- RT ∞ BOOSTERS
- EXPLODING WIRES

BOOSTGLIDE VEHICLES

- GS GLIDERS
- . BOOSTGLIDE VEHICLES
- . . X-20 AIRCRAFT
- REENTRY VEHICLES
- . BOOSTGLIDE VEHICLES
- . . X-20 AIRCRAFT
- RT AEROSPACEPLANES
- ∞ AIRCRAFT
- ASTRO VEHICLE
- ASTROPLANE
- GLIDING
- HYPERSOONIC AIRCRAFT
- HYPERSOONIC GLIDERS
- LIFTING REENTRY VEHICLES
- MANNED SPACECRAFT
- RECOVERABLE SPACECRAFT
- ROCKET PLANES

BOOTS (FOOTWEAR)

- GS CLOTHING
- RT . BOOTS (FOOTWEAR)
- SHOES

BORAL

- GS COMPOSITE MATERIALS
- . LAMINATES
- . . BORAL
- COMPOSITE STRUCTURES
- . LAMINATES
- . . BORAL
- RT ALUMINUM
- BORON CARBIDES
- RADIATION SHIELDING

BORANES

- GS BORON COMPOUNDS
- . BORON HYDRIDES
- . . BORANES
- . . . CARBORANE
- . . . HYDRAZINE BORANE
- . . . PENTABORANES
- HYDROGEN COMPOUNDS
- . HYDRIDES
- . . BORON HYDRIDES
- . . . BORANES
- . . . CARBORANE
- . . . HYDRAZINE BORANE
- . . . PENTABORANES
- RT BOROHYDRIDES

BORATES

- GS BORON COMPOUNDS
- . BORATES
- . . LITHIUM BORATES
- RT BORIC ACIDS
- ∞ OXYGEN COMPOUNDS

BORAX 5 REACTOR

- GS NUCLEAR REACTORS
- . LIQUID COOLED REACTORS
- . . WATER COOLED REACTORS
- . . . BOILING WATER REACTORS
- . . . BORAX 5 REACTOR
- . NUCLEAR RESEARCH AND TEST REACTORS
- . . BORAX 5 REACTOR
- . WATER MODERATED REACTORS
- . . BORAX 5 REACTOR

BORDERS

- RT BOUNDARIES
- MARGINS
- RIMS

BORDONI PEAKS

- RT RESONANT FREQUENCIES
- STRESS RELAXATION

BOREDOM

- RT DETACHMENT

BOREDOM-(CONT.)

- HUMAN BEHAVIOR
- HUMAN REACTIONS
- LETHARGY
- MONOTONY
- PSYCHOLOGICAL EFFECTS
- PSYCHOLOGY
- SPACE FLIGHT STRESS

BOREHOLES

- RT CAVITIES
- CLAYS
- DRILLING
- EXCAVATION
- EXPLORATION
- GEOLOGY
- GRAVELS
- ∞ HOLES
- MINERALS
- PITS (EXCAVATIONS)
- ROCKS
- SHALES
- SOILS

BOREL SETS

- GS ANALYSIS (MATHEMATICS)
- . REAL VARIABLES
- . . MEASURE AND INTEGRATION
- . . . BOREL SETS
- MATHEMATICAL LOGIC
- . SET THEORY
- . . BOREL SETS
- RT PROBABILITY THEORY

BORES

- USE CAVITIES

BORESCOPIES

- USE ENDOSCOPES

BORESIGHT ERROR

- GS ERRORS
- . BORESIGHT ERROR
- RT AIR NAVIGATION
- BORESIGHTS
- DIRECTIONAL ANTENNAS
- DISPLACEMENT
- DISPLACEMENT MEASUREMENT
- ERROR ANALYSIS
- INSTRUMENT ERRORS
- LINE OF SIGHT COMMUNICATION
- NAVIGATION INSTRUMENTS
- OPTICAL TRACKING
- RANGE ERRORS

BORESIGHTS

- RT BORESIGHT ERROR
- DIRECTIONAL ANTENNAS
- OPTICAL TRACKING

BORIC ACIDS

- GS ACIDS
- . BORIC ACIDS
- BORON COMPOUNDS
- . BORIC ACIDS
- RT BORATES

BORIDES

- GS BORON COMPOUNDS
- . BORIDES
- . . CHROMIUM BORIDES
- . . . TITANIUM BORIDES
- RT INTERMETALLICS

BORING MACHINES

- GS TOOLS
- . BORING MACHINES
- RT DRILLS

BORN APPROXIMATION

- UF BORN-MAYER EQUATION
- GS ANALYSIS (MATHEMATICS)
- . NUMERICAL ANALYSIS
- . . APPROXIMATION
- . . . BORN APPROXIMATION
- RT QUANTUM MECHANICS
- SCATTERING CROSS SECTIONS

BORN-INFELD THEORY

- RT ELECTRODYNAMICS
- ELECTROSTATICS
- MAXWELL EQUATION
- NONLINEAR EQUATIONS
- ∞ THEORIES

BORN-MAYER EQUATION

BORN-MAYER EQUATION

USE BORN APPROXIMATION

BORN-OPPENHEIMER APPROXIMATION

GS ANALYSIS (MATHEMATICS)
 . NUMERICAL ANALYSIS
 . APPROXIMATION
 . . . BORN-OPPENHEIMER
 APPROXIMATION
 RT FRANCK-CONDON PRINCIPLE

BOROHYDRIDES

GS BORON COMPOUNDS
 . BOROHYDRIDES
 . . BERYLLIUM BOROHYDRIDES
 HYDROGEN COMPOUNDS
 . HYDRIDES
 . . BOROHYDRIDES
 . . . ALUMINUM BOROHYDRIDES
 . . . BERYLLIUM BOROHYDRIDES
 RT BORANES
 BORON HYDRIDES

BORON

GS CHEMICAL ELEMENTS
 . METALLOIDS
 . . BORON
 . . . BORON ISOTOPES
 . . . BORON 10
 RT BORON REINFORCED MATERIALS
 BORSIC (TRADENAME)

BORON ALLOYS

GS ALLOYS
 . BORON ALLOYS
 RT METALLOIDS

BORON CARBIDES

GS BORON COMPOUNDS
 . BORON CARBIDES
 CARBON COMPOUNDS
 . CARBIDES
 . . BORON CARBIDES
 RT BORAL

BORON CHLORIDES

GS BORON COMPOUNDS
 . BORON CHLORIDES
 HALOGEN COMPOUNDS
 . CHLORINE COMPOUNDS
 . . CHLORIDES
 . . . BORON CHLORIDES
 . . . HALIDES
 . . . CHLORIDES
 . . . BORON CHLORIDES

BORON COMPOUNDS

GS BORON COMPOUNDS
 . ALUMINUM BOROHYDRIDES
 . BORATES
 . . LITHIUM BORATES
 . BORIC ACIDS
 . BORIDES
 . . CHROMIUM BORIDES
 . . TITANIUM BORIDES
 . BOROHYDRIDES
 . . BERYLLIUM BOROHYDRIDES
 . BORON CARBIDES
 . BORON CHLORIDES
 . BORON FLUORIDES
 . BORON HYDRIDES
 . . BERYLLIUM BOROHYDRIDES
 . BORANES
 . . CARBORANE
 . . . HYDRAZINE BORANE
 . . . PENTABORANES
 . BORON NITRIDES
 . BORON OXIDES
 . BORON PHOSPHIDES
 . BORON-EPOXY COMPOUNDS
 . DIBORANE
 . ORGANIC BORON COMPOUNDS
 . . NONABORANE
 . . TOURMALINE
 RT ∞ GROUP 3A COMPOUNDS
 HIGH ENERGY FUELS
 METAL FUELS
 METAL PROPELLANTS

BORON FIBERS

GS FIBERS
 . REINFORCING FIBERS
 . . BORON FIBERS
 RT ALUMINUM BORON COMPOSITES
 BORSIC (TRADENAME)

BORON FIBERS-(CONT.)

CARBON FIBERS
 COMPOSITE MATERIALS
 FIBER COMPOSITES
 FIBER ORIENTATION
 FIBER STRENGTH
 ∞ FILAMENTS
 GLASS FIBERS
 METAL MATRIX COMPOSITES
 POLYMER MATRIX COMPOSITES
 REINFORCED PLASTICS

BORON FLUORIDES

UF BORON TRIFLUORIDE
 GS BORON COMPOUNDS
 . BORON FLUORIDES
 HALOGEN COMPOUNDS
 . FLUORINE COMPOUNDS
 . . FLUORIDES
 . . . BORON FLUORIDES
 . . . HALIDES
 . . . FLUORIDES
 . . . BORON FLUORIDES

BORON HYDRIDES

GS BORON COMPOUNDS
 . BORON HYDRIDES
 . . BERYLLIUM BOROHYDRIDES
 . BORANES
 . . CARBORANE
 . . . HYDRAZINE BORANE
 . . . PENTABORANES
 HYDROGEN COMPOUNDS
 . HYDRIDES
 . . BORON HYDRIDES
 . . . ALUMINUM BOROHYDRIDES
 . . . BERYLLIUM BOROHYDRIDES
 . . . BORANES
 . . . CARBORANE
 . . . HYDRAZINE BORANE
 . . . PENTABORANES
 RT BOROHYDRIDES

BORON ISOTOPES

GS CHEMICAL ELEMENTS
 . METALLOIDS
 . . BORON
 . . . BORON ISOTOPES
 . . . BORON 10
 . . . NUCLIDES
 . . . ISOTOPES
 . . . BORON ISOTOPES
 . . . BORON 10

BORON NITRIDES

GS BORON COMPOUNDS
 . BORON NITRIDES
 NITROGEN COMPOUNDS
 . NITRIDES
 . . BORON NITRIDES

BORON OXIDES

GS BORON COMPOUNDS
 . BORON OXIDES
 CHALCOGENIDES
 . OXIDES
 . . BORON OXIDES

BORON PHOSPHIDES

GS BORON COMPOUNDS
 . BORON PHOSPHIDES
 PHOSPHORUS COMPOUNDS
 . PHOSPHIDES
 . . BORON PHOSPHIDES

BORON REINFORCED MATERIALS

GS COMPOSITE MATERIALS
 . BORON REINFORCED MATERIALS
 . BORON-EPOXY COMPOUNDS
 RT BORON
 EPOXY RESINS
 FIBER COMPOSITES
 FIBERS
 PLASTICS
 REINFORCED PLASTICS
 REINFORCING FIBERS

BORON TRIFLUORIDE

USE BORON FLUORIDES

BORON 10

GS CHEMICAL ELEMENTS
 . METALLOIDS
 . . BORON

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BORON 10-(CONT.)

. . . BORON ISOTOPES
 . . . BORON 10
 . . . NUCLIDES
 . . . ISOTOPES
 . . . BORON ISOTOPES
 . . . BORON 10

BORON-EPOXY COMPOUNDS

GS BORON COMPOUNDS
 . BORON-EPOXY COMPOUNDS
 COMPOSITE MATERIALS
 . BORON REINFORCED MATERIALS
 . . BORON-EPOXY COMPOUNDS
 EPOXY COMPOUNDS
 . . BORON-EPOXY COMPOUNDS
 RT AIRCRAFT STRUCTURES
 COMPOSITE STRUCTURES
 EPOXY RESINS
 FIBER COMPOSITES
 LAMINATES
 PLASTIC AIRCRAFT STRUCTURES
 SPACECRAFT COMPONENTS
 SUPERHYBRID MATERIALS

BOROSILICATE GLASS

UF PYREX (TRADEMARK)
 GS GLASS
 . BOROSILICATE GLASS
 RT GLASSWARE
 SILICON DIOXIDE

BORSIC (TRADENAME)

GS COMPOSITE MATERIALS
 . METAL MATRIX COMPOSITES
 . . BORSIC (TRADENAME)
 MIXTURES
 . METAL MATRIX COMPOSITES
 . . BORSIC (TRADENAME)
 RT ALUMINUM
 BORON
 BORON FIBERS
 FIBER COMPOSITES
 ∞ MATERIALS
 METAL FIBERS
 METALS

BOSE GEOMETRY

GS GEOMETRY
 . BOSE GEOMETRY
 RT EQUATIONS OF STATE

BOSE-CHAUDHURI-HOCQUENGHEM CODES

USE BCH CODES

BOSE-EINSTEIN STATISTICS

USE QUANTUM STATISTICS

BOSON FIELDS

RT FIELD THEORY (PHYSICS)
 ∞ FIELDS
 MESONS

BOSONS

GS PARTICLES
 . ELEMENTARY PARTICLES
 . . BOSONS
 . . . ALPHA PARTICLES
 . . . MESONS
 ETA-MESONS
 K-MESONS
 KAONS
 MESON RESONANCES
 X MESONS
 MUONS
 PIONS
 VECTOR MESONS
 RHO-MESONS
 SIGMA-MESONS
 PHOTONS
 LIGHT BEAMS
 XI HYPERONS
 NUCLEAR PARTICLES
 BOSONS
 ALPHA PARTICLES
 MESONS
 ETA-MESONS
 K-MESONS
 KAONS
 MESON RESONANCES
 X MESONS
 MUONS
 PIONS
 VECTOR MESONS
 RHO-MESONS

BOSONS-(CONT.)

... SIGMA-MESONS
 ... PHOTONS
 ... XI HYPERONS
 RT CHARGED PARTICLES
 FERMI-DIRAC STATISTICS
 QUANTUM STATISTICS

BOTANY

GS **BOTANY**
 . GEOBOTANY
 RT AGRICULTURE
 ALFALFA
 BARLEY
 BIOGEOCHEMISTRY
 ∞ BIOLOGY
 BLIGHT
 BROWN WAVE EFFECT
 BRUSH (BOTANY)
 CHAPARRAL
 CITRUS TREES
 COPSES
 CORN
 FARM CROPS
 FRUITS
 GREEN WAVE EFFECT
 HABITATS
 HAY
 LEGUMINOUS PLANTS
 NIGELLA
 OATS
 PLANTS (BOTANY)
 SILVICULTURE
 SUGAR BEETS
 SUGAR CANE
 VEGETATION GROWTH
 VINEYARDS
 ∞ ZOOLOGY

BOTSWANA

RT AFRICA
 NATIONS
 REPUBLIC OF SOUTH AFRICA

BOTTLES

RT ∞ CONTAINERS
 FLASKS
 GLASSWARE
 TANKS (CONTAINERS)

BOUGUER LAW

UF LAMBERT LAW
 RT ABSORPTIVITY
 BEER LAW
 ELECTROMAGNETIC ABSORPTION
 LAMBERT SURFACE
 THERMOPLASTICITY

BOULES

GS CRYSTALS
 . BOULES
 RT SINGLE CRYSTALS

BOUNDARIES

UF PERIPHERIES
 GS **BOUNDARIES**
 . FLUID BOUNDARIES
 . . GAS-SOLID INTERFACES
 . . JET BOUNDARIES
 . . LIQUID-LIQUID INTERFACES
 . . LIQUID-SOLID INTERFACES
 . . LIQUID-VAPOR INTERFACES
 . FREE BOUNDARIES
 . GRAIN BOUNDARIES
 RT AIRSPACE
 BORDERS
 CIRCUMFERENCES
 CONTOUR SENSORS
 DELINEATION
 FENCES (BARRIERS)
 INTERFACES
 REGIONS

BOUNDARY ELEMENT METHOD

GS STRESS ANALYSIS
 . **BOUNDARY ELEMENT METHOD**
 RT APERTURES

BOUNDARY INTEGRAL METHOD

GS PROCEDURES
 . **BOUNDARY INTEGRAL METHOD**
 RT BOUNDARY VALUE PROBLEMS
 ∞ METHODOLOGY

BOUNDARY LAYER COMBUSTION

GS COMBUSTION
 . **BOUNDARY LAYER COMBUSTION**
 RT COMBUSTIBLE FLOW
 CONVECTIVE HEAT TRANSFER
 DIFFUSION FLAMES
 FLAME PROPAGATION
 LAMINAR BOUNDARY LAYER

BOUNDARY LAYER CONTROL

UF LAMINAR FLOW CONTROL
 GS **BOUNDARY LAYER CONTROL**
 . POROUS BOUNDARY LAYER CONTROL
 RT AERODYNAMICS
 AIRFOIL FENCES
 ∞ BLEEDING
 BLOWING
 BUFFETING
 CIRCULATION CONTROL AIRFOILS
 ∞ CONTROL
 CONTROL SURFACES
 DRAG DEVICES
 FLUID AMPLIFIERS
 FLUTTER
 JET CONTROL
 LEADING EDGE SLATS
 LIFT AUGMENTATION
 LIFT DEVICES
 SPOILERS
 TURBULENCE
 UPPER SURFACE BLOWN FLAPS
 VACUUM
 VORTEX GENERATORS
 WING SLOTS
 X-21 AIRCRAFT

BOUNDARY LAYER EQUATIONS

RT DIFFERENTIAL EQUATIONS
 FLOW EQUATIONS
 FLOW THEORY

BOUNDARY LAYER FLOW

GS FLUID FLOW
 . VISCOUS FLOW
 . . **BOUNDARY LAYER FLOW**
 . . . REATTACHED FLOW
 . . . SECONDARY FLOW
 . . . SEPARATED FLOW
 BOUNDARY LAYER SEPARATION
 RT ATMOSPHERIC BOUNDARY LAYER
 BLASIUS EQUATION
 CONVECTIVE HEAT TRANSFER
 FLOW DISTRIBUTION
 LIGHTHILL GAS MODEL
 MAGNUS EFFECT
 RECIRCULATIVE FLUID FLOW
 REYNOLDS NUMBER
 STAGNATION FLOW
 TOLLMEIN-SCHLICHTING WAVES
 WALL FLOW

BOUNDARY LAYER NOISE

USE AERODYNAMIC NOISE
 BOUNDARY LAYERS

BOUNDARY LAYER PLASMAS

GS GASES
 . IONIZED GASES
 . . CHARGED PARTICLES
 . . . **BOUNDARY LAYER PLASMAS**
 . . . PARTICLES
 . . . CHARGED PARTICLES
 . . . ENERGETIC PARTICLES
 . . . PLASMAS (PHYSICS)
 **BOUNDARY LAYER PLASMAS**
 RT AERODYNAMIC HEATING
 AEROTHERMODYNAMICS
 HYPERSONIC REENTRY
 PLASMA PHYSICS
 PLASMA SHEATHS

BOUNDARY LAYER SEPARATION

UF BREAKAWAY
 FLOW SEPARATION
 GS FLUID FLOW
 . VISCOUS FLOW
 . . BOUNDARY LAYER FLOW
 . . . SEPARATED FLOW
 **BOUNDARY LAYER SEPARATION**
 RT AERODYNAMIC STALLING
 AIRSPEED
 ANGLE OF ATTACK
 CROCCO-LEE THEORY
 ∞ DIFFUSERS
 FALKNER-SKAN EQUATION

BOUNDARY LAYER SEPARATION-(CONT.)

FLOW DISTRIBUTION
 INJECTION
 KUTTA-JOUKOWSKI CONDITION
 LIFT DRAG RATIO
 REATTACHED FLOW
 RECIRCULATIVE FLUID FLOW
 REVERSED FLOW
 ROTATING STALLS
 ∞ SEPARATION
 STAGNATION FLOW
 ∞ STALLING
 SWEEP ANGLE
 VORTEX GENERATORS
 ZERO LIFT

BOUNDARY LAYER STABILITY

GS DYNAMIC CHARACTERISTICS
 . DYNAMIC STABILITY
 . . MOTION STABILITY
 . . . FLOW STABILITY
 **BOUNDARY LAYER STABILITY**
 FLOW CHARACTERISTICS
 FLOW STABILITY
 **BOUNDARY LAYER STABILITY**
 STABILITY
 DYNAMIC STABILITY
 MOTION STABILITY
 FLOW STABILITY
 **BOUNDARY LAYER STABILITY**
 RT AERODYNAMIC STABILITY
 BACKWASH
 REYNOLDS NUMBER

BOUNDARY LAYER TRANSITION

RT AIR CURRENTS
 EKMAN LAYER
 KNUDSEN FLOW
 LAMINAR BOUNDARY LAYER
 LAMINAR FLOW
 MOLECULAR FLOW
 REYNOLDS NUMBER
 THREE DIMENSIONAL BOUNDARY LAYER
 TOLLMEIN-SCHLICHTING WAVES
 ∞ TRANSITION
 TRANSITION FLOW
 ∞ TRANSITION LAYERS
 TRANSITION POINTS
 TURBULENCE
 TURBULENT BOUNDARY LAYER
 TURBULENT FLOW

BOUNDARY LAYERS

UF BOUNDARY LAYER NOISE
 GS **BOUNDARY LAYERS**
 . ATMOSPHERIC BOUNDARY LAYER
 . COMPRESSIBLE BOUNDARY LAYER
 . HYPERSONIC BOUNDARY LAYER
 . INCOMPRESSIBLE BOUNDARY LAYER
 . LAMINAR BOUNDARY LAYER
 . PLANETARY BOUNDARY LAYER
 . SUPERSONIC BOUNDARY LAYERS
 . THERMAL BOUNDARY LAYER
 . THREE DIMENSIONAL BOUNDARY LAYER
 . TURBULENT BOUNDARY LAYER
 . TWO DIMENSIONAL BOUNDARY LAYER
 RT CROCCO METHOD
 ∞ DRAFT
 DRAG
 FLUID BOUNDARIES
 FLUID FLOW
 GAS-SOLID INTERFACES
 ∞ LAYERS
 LIQUID-LIQUID INTERFACES
 LIQUID-SOLID INTERFACES
 PANEL METHOD (FLUID DYNAMICS)
 SHEAR LAYERS
 SURFACE LAYERS
 WALL PRESSURE

BOUNDARY LUBRICATION

GS LUBRICATION
 . **BOUNDARY LUBRICATION**
 RT BEARINGS
 LUBRICANTS
 SQUEEZE FILMS

BOUNDARY VALUE PROBLEMS

UF INITIAL VALUE PROBLEMS
 POINT MATCHING METHOD
 (MATHEMATICS)
 GS **BOUNDARY VALUE PROBLEMS**
 . CAUCHY PROBLEM
 . DIRICHLET PROBLEM

BOURDON TUBES

BOUNDARY VALUE PROBLEMS-(CONT.)

- RT . NEUMANN PROBLEM
- BESSEL FUNCTIONS
- BOUNDARY INTEGRAL METHOD
- COUNTER ROTATION
- DIFFERENTIAL EQUATIONS
- FINITE ELEMENT METHOD
- FINITE VOLUME METHOD
- HALF PLANES
- HALF SPACES
- HANKEL FUNCTIONS
- LAME FUNCTIONS
- MATHIEU FUNCTION
- MONGE-AMPERE EQUATION
- OBSERVABILITY (SYSTEMS)
- ∞ PROBLEMS

BOURDON TUBES

- GS TRANSDUCERS
- . PRESSURE SENSORS
- . . . BOURDON TUBES
- RT PRESSURE GAGES
- PRESSURE MEASUREMENT
- ∞ TUBES

BOUSSINESQ APPROXIMATION

- RT CONVECTION
- HEAT TRANSFER
- INCOMPRESSIBLE FLUIDS
- PERTURBATION THEORY
- THERMAL EXPANSION

BOW SHOCK WAVES

- USE BOW WAVES
- SHOCK WAVES

BOW WAVES

- UF BOW SHOCK WAVES
- RT HYPERSONIC WAVES
- MACH CONES
- SHOCK WAVES
- SURFACE WAVES

∞ BOWS

- SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)*
- RT BENDING
- CAMBER
- FOREBODIES
- HEAVING

BOX BEAMS

- GS STRUCTURAL MEMBERS
- . BEAMS (SUPPORTS)
- . . . BOX BEAMS
- RT ∞ BOXES
- CANTILEVER BEAMS
- GIRDERS
- RECTANGULAR BEAMS

∞ BOXES

- SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)*
- RT BOX BEAMS
- BOXES (CONTAINERS)

BOXES (CONTAINERS)

- RT ∞ BOXES
- ∞ BUCKETS
- CASES (CONTAINERS)
- ∞ CONTAINERS
- PACKAGES

BRACKETS

- RT ANCHORS (FASTENERS)
- FASTENERS
- FIXTURES
- HOLDERS
- MOUNTING

BRADYCARDIA

- GS RATES (PER TIME)
- . HEART RATE
- . . . BRADYCARDIA
- SIGNS AND SYMPTOMS
- . BRADYCARDIA
- RT HEART DISEASES

BRAGG ANGLE

- GS GEOMETRY
- . EUCLIDEAN GEOMETRY
- . . ANGLES (GEOMETRY)

BRAGG ANGLE-(CONT.)

- RT . . . BRAGG ANGLE
- CRYSTALLOGRAPHY
- DIFFRACTION
- DIFFRACTION PATHS
- ELECTRON DIFFRACTION
- ISOTROPY
- ∞ ORIENTATION
- ∞ PHYSICAL PROPERTIES
- RADIOGRAPHY

BRAGG CURVE

- RT BIOLOGICAL EFFECTS
- NUCLEAR REACTIONS
- PARTICLE INTERACTIONS
- RADIATION EFFECTS

BRAILLE

- RT BLINDNESS
- EMBOSSING

BRAIN

- GS ANATOMY
- . BRAIN
- . . BRAIN STEM
- . . CEREBELLUM
- . . CEREBRAL CORTEX
- . . CEREBRUM
- . . HIPPOCAMPUS
- . . NERVOUS SYSTEM
- . . CENTRAL NERVOUS SYSTEM
- . . BRAIN
- . . . BRAIN STEM
- . . . CEREBELLUM
- . . . CEREBRAL CORTEX
- . . . CEREBRUM
- . . . HIPPOCAMPUS
- RT ANGIOGRAPHY
- CEREBROSPINAL FLUID
- DIENCEPHALON
- ECHOENCEPHALOGRAPHY
- ELECTROENCEPHALOGRAPHY
- ENCEPHALITIS
- HEAD (ANATOMY)
- HYPOTHALAMUS
- INTRACRANIAL PRESSURE
- NEUROLOGY
- PINEAL GLAND
- RHOENCEPHALOGRAPHY
- SPINAL CORD
- THALAMUS

BRAIN CIRCULATION

- GS CIRCULATION
- . BLOOD CIRCULATION
- . . BRAIN CIRCULATION
- RT RHOENCEPHALOGRAPHY

BRAIN DAMAGE

- GS INJURIES
- . BRAIN DAMAGE

BRAIN STEM

- GS ANATOMY
- . BRAIN
- . . BRAIN STEM
- . . NERVOUS SYSTEM
- . . CENTRAL NERVOUS SYSTEM
- . . BRAIN
- . . . BRAIN STEM

∞ BRAKES

- SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)*
- RT BRAKES (FOR ARRESTING MOTION)
- BRAKES (FORMING OR BENDING)

BRAKES (FOR ARRESTING MOTION)

- UF DECELERATORS
- DRAGULATORS
- GS BRAKES (FOR ARRESTING MOTION)
- . AERODYNAMIC BRAKES
- . . BALLUTES
- . . DRAG CHUTES
- . . PARAVULCOONS
- . . SPLIT FLAPS
- . . WING FLAPS
- . . . LEADING EDGE SLATS
- . . . TRAILING-EDGE FLAPS
- . . AIRCRAFT BRAKES
- . . SPLIT FLAPS
- . . WING FLAPS
- . . . LEADING EDGE SLATS
- . . . TRAILING-EDGE FLAPS

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BRAKES (FOR ARRESTING MOTION)-(CONT.)

- RT . WHEEL BRAKES
- ABORT APPARATUS
- ANTISKID DEVICES
- ∞ ARRESTERS
- ARRESTING GEAR
- ∞ BRAKES
- BRAKING
- CYLINDRICAL CHAMBERS
- DRAG DEVICES
- FLAPS (CONTROL SURFACES)
- LANDING GEAR
- NOSE WHEELS
- PARACHUTES
- RETARDERS (DEVICES)
- THRUST REVERSAL
- TOWED BODIES
- VEHICLE WHEELS
- WHEELS

BRAKES (FORMING OR BENDING)

- RT ∞ BRAKES
- METAL WORKING

BRAKING

- RT BRAKES (FOR ARRESTING MOTION)
- DECELERATION
- EDDY CURRENTS
- RETARDERS (DEVICES)
- RETARDING
- THRUST REVERSAL

BRANCHING (MATHEMATICS)

- UF BIFURCATION (MATHEMATICS)
- RT FUNCTIONS (MATHEMATICS)
- ∞ LOGIC
- MATHEMATICAL LOGIC
- SET THEORY
- SWITCHING THEORY

BRANCHING (PHYSICS)

- RT BIFURCATION (BIOLOGY)
- ∞ PHYSICS

BRASSES

- GS ALLOYS
- . COPPER ALLOYS
- . . BRASSES

BRAVAIS CRYSTALS

- GS CRYSTALS
- . BRAVAIS CRYSTALS
- RT CRYSTAL GROWTH
- CRYSTAL LATTICES
- CRYSTAL STRUCTURE
- PACKING DENSITY
- SINGLE CRYSTALS

BRAYTON CYCLE

- GS CYCLES
- . THERMODYNAMIC CYCLES
- . . BRAYTON CYCLE
- RT GAS TURBINE ENGINES
- GAS TURBINES
- RANKINE CYCLE

BRAZIL

- RT AMAZON REGION (SOUTH AMERICA)
- NATIONS
- SOUTH AMERICA

BRAZING

- GS WELDING
- . LASER WELDING
- . . FUSION WELDING
- . . . GAS WELDING
- BRAZING
- LOW TEMPERATURE BRAZING
- RT FLUXES
- ∞ JOINING
- METAL BONDING
- SEALING
- SOLDERING

BRAZZAVILLE

- USE CONGO (BRAZZAVILLE)

BREADBOARD MODELS

- GS MODELS
- . ATMOSPHERIC MODELS
- . . BREADBOARD MODELS
- RT CIRCUITS
- PRINTED CIRCUITS
- PRODUCT DEVELOPMENT

NASA THESAURUS (VOLUME 1)

BRIGHTNESS DISTRIBUTION

BREADBOARD MODELS-(CONT.) PROTOTYPES

BREAKAWAY
USE BOUNDARY LAYER SEPARATION

∞ BREAKDOWN

SN *(USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT TERMS
LISTED BELOW)*
RT CLASSIFICATIONS
ELECTRICAL FAULTS
FAILURE
GAPS
METAL WORKING
SYSTEM FAILURES

BREAKERS (ELECTRIC)
USE CIRCUIT BREAKERS

BREAKING
RT DESTRUCTION
FRAGMENTATION
∞ SEPARATION

BREAKWATERS

UF JETTIES
SEA WALLS
RT CONCRETE STRUCTURES
HARBORS
LITTORAL DRIFT
LITTORAL TRANSPORT
OCEANOGRAPHY
STRUCTURAL DESIGN
∞ STRUCTURES
UNDERWATER ENGINEERING
UNDERWATER STRUCTURES
WATER WAVES
∞ WAVES

∞ BREATHING

SN *(USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)*
RT ARGON-OXYGEN ATMOSPHERES
BREATHING VIBRATION
EMERGENCY BREATHING TECHNIQUES
EXPIRATION
HELIUM-OXYGEN ATMOSPHERES
HIGH ALTITUDE BREATHING
HYPERCAPNIA
HYPERPNEA
OXYGEN BREATHING
RESPIRATION
RESPIRATORY REFLEXES

BREATHING APPARATUS

GS **BREATHING APPARATUS**
OXYGEN MASKS
UNDERWATER BREATHING
APPARATUS
RT ∞ EQUIPMENT
LIFE SUPPORT SYSTEMS
OXYGEN SUPPLY EQUIPMENT
PORTABLE LIFE SUPPORT SYSTEMS
RESPIRATORS

BREATHING VIBRATION

GS VIBRATION
STRUCTURAL VIBRATION
∞ **BREATHING VIBRATION**
RT BENDING VIBRATION
∞ BREATHING
EXHAUSTING
MISSILE VIBRATION
VENTING

BRECCIA

GS ROCKS
BRECCIA
RT ATAXITE
IGNEOUS ROCKS
REGOLITH
SEDIMENTARY ROCKS
SOILS

BREEDER REACTORS

GS NUCLEAR REACTORS
BREEDER REACTORS
EXPERIMENTAL BREEDER REACTOR
1
EXPERIMENTAL BREEDER REACTOR
2
LIGHT WATER BREEDER REACTORS

BREEDER REACTORS-(CONT.)

∞ LIQUID METAL FAST BREEDER
REACTORS
RT ENRICO FERMI ATOMIC POWER PLANT
NUCLEAR POWER REACTORS

BREEDING (REPRODUCTION)

RT FERTILITY
GENETICS
HEREDITY
∞ REPRODUCTION
REPRODUCTION (BIOLOGY)

BREGUET AIRCRAFT

GS **BREGUET AIRCRAFT**
BREGUET 940 AIRCRAFT
BREGUET 941 AIRCRAFT
BREGUET 942 AIRCRAFT
BREGUET 1150 AIRCRAFT
RT ∞ AIRCRAFT
JAGUAR AIRCRAFT

BREGUET 940 AIRCRAFT

GS **BREGUET AIRCRAFT**
BREGUET 940 AIRCRAFT
MONOPLANES
BREGUET 940 AIRCRAFT
RESEARCH AIRCRAFT
BREGUET 940 AIRCRAFT
V/STOL AIRCRAFT
SHORT TAKEOFF AIRCRAFT
BREGUET 940 AIRCRAFT

BREGUET 941 AIRCRAFT

GS **BREGUET AIRCRAFT**
BREGUET 941 AIRCRAFT
JET AIRCRAFT
TURBOPROP AIRCRAFT
BREGUET 941 AIRCRAFT
MONOPLANES
BREGUET 941 AIRCRAFT
PASSENGER AIRCRAFT
BREGUET 941 AIRCRAFT
TRANSPORT AIRCRAFT
CARGO AIRCRAFT
BREGUET 941 AIRCRAFT
V/STOL AIRCRAFT
SHORT TAKEOFF AIRCRAFT
BREGUET 941 AIRCRAFT

BREGUET 942 AIRCRAFT

GS **BREGUET AIRCRAFT**
BREGUET 942 AIRCRAFT
JET AIRCRAFT
TURBOPROP AIRCRAFT
BREGUET 942 AIRCRAFT
MONOPLANES
BREGUET 942 AIRCRAFT
PASSENGER AIRCRAFT
BREGUET 942 AIRCRAFT
TRANSPORT AIRCRAFT
CARGO AIRCRAFT
BREGUET 942 AIRCRAFT
V/STOL AIRCRAFT
SHORT TAKEOFF AIRCRAFT
BREGUET 942 AIRCRAFT

BREGUET 1150 AIRCRAFT

UF ATLANTIC AIRCRAFT
GS ANTISUBMARINE WARFARE AIRCRAFT
BREGUET 1150 AIRCRAFT
ATTACK AIRCRAFT
BREGUET 1150 AIRCRAFT
BREGUET AIRCRAFT
BREGUET 1150 AIRCRAFT
JET AIRCRAFT
TURBOPROP AIRCRAFT
BREGUET 1150 AIRCRAFT
MONOPLANES
BREGUET 1150 AIRCRAFT
OBSERVATION AIRCRAFT
BREGUET 1150 AIRCRAFT
RECONNAISSANCE AIRCRAFT
BREGUET 1150 AIRCRAFT

BREMSSTRAHLUNG

GS ELECTROMAGNETIC RADIATION
BREMSSTRAHLUNG
RT CERENKOV RADIATION
ELECTRON PHOTON CASCADES
ELECTRON RADIATION
FAR ULTRAVIOLET RADIATION
GAMMA RAY BURSTS
GAMMA RAYS
NUCLEAR RADIATION

BREMSSTRAHLUNG-(CONT.)

RELATIVISTIC PLASMAS
SYNCHROTRON RADIATION
X RAYS

BREWSTER ANGLE

GS GEOMETRY
EUCLIDEAN GEOMETRY
ANGLES (GEOMETRY)
BREWSTER ANGLE
RT POLARIZATION CHARACTERISTICS
REFLECTION
REFRACTIVITY

BRICKS

GS MASONRY
BRICKS
RT CEMENTS
CERAMICS
CLAYS
∞ CONSTRUCTION MATERIALS
MORTARS (MATERIAL)

∞ BRIDGES

SN *(USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)*
RT BRIDGES (STRUCTURES)
ELECTRIC BRIDGES

BRIDGES (LANDFORMS)

GS LANDFORMS
BRIDGES (LANDFORMS)
RT GEOLOGY
∞ RIDGES

BRIDGES (STRUCTURES)

RT ∞ BRIDGES
CONSTRUCTION
CONSTRUCTION INDUSTRY
CROSSINGS
CROSSOVERS
HIGHWAYS
RAMPS (STRUCTURES)
∞ STRUCTURES
TOWERS

BRIDGMAN METHOD

RT CRYSTAL GROWTH
∞ METHODOLOGY
SINGLE CRYSTALS

BRIGHTNESS

GS ELECTROMAGNETIC PROPERTIES
OPTICAL PROPERTIES
BRIGHTNESS
SOLAR GRANULATION
RT BISTATIC REFLECTIVITY
BRIGHTNESS DISTRIBUTION
COLOR
DIMMING
EMISSION
FLUX (RATE)
GLARE
HUMAN FACTORS ENGINEERING
ILLUMINANCE
ILLUMINATING
INCANDESCENCE
∞ INTENSITY
LIGHT (VISIBLE RADIATION)
LIMB BRIGHTENING
LUMINANCE
LUMINESCENCE
LUMINOSITY
LUMINOUS INTENSITY
LUSTER
RADIANCE
RADIANT FLUX DENSITY
REFLECTANCE
SKY BRIGHTNESS
STELLAR LUMINOSITY
VISIBILITY
VISION

BRIGHTNESS DISCRIMINATION

GS DISCRIMINATION
BRIGHTNESS DISCRIMINATION
RT ∞ ILLUMINATION
VISUAL PERCEPTION

BRIGHTNESS DISTRIBUTION

GS DISTRIBUTION (PROPERTY)
BRIGHTNESS DISTRIBUTION
ELECTROMAGNETIC PROPERTIES

BRIGHTNESS TEMPERATURE

BRIGHTNESS DISTRIBUTION-(CONT.)

- . OPTICAL PROPERTIES
- . **BRIGHTNESS DISTRIBUTION**
- STATISTICAL DISTRIBUTIONS
- . **BRIGHTNESS DISTRIBUTION**
- RT ASTROPHYSICS
- BLACK BODY RADIATION
- BRIGHTNESS
- BRIGHTNESS TEMPERATURE
- ∞ DISTRIBUTION
- GALACTIC RADIATION
- PHOTOGRAPHY
- RADIANT FLUX DENSITY
- RADIO ASTRONOMY
- SOLAR GRANULATION
- STELLAR LUMINOSITY

BRIGHTNESS TEMPERATURE

- GS TEMPERATURE
- . **BRIGHTNESS TEMPERATURE**
- RT ASTROPHYSICS
- BLACK BODY RADIATION
- BRIGHTNESS DISTRIBUTION
- LIMB BRIGHTENING
- METEOROLOGY
- PHOTOGRAPHY
- RADIO ASTRONOMY
- TEMPERATURE MEASUREMENT

BRILLOUIN EFFECT

- RT FREQUENCY SHIFT
- LIGHT SCATTERING
- MONOCHROMATIC RADIATION

BRILLOUIN FLOW

- GS ELECTRIC CURRENT
- . **BRILLOUIN FLOW**
- RT BEAM CURRENTS
- ELECTRON BEAMS
- ELECTRON OPTICS
- ∞ FLOW
- TRAVELING WAVE TUBES

BRILLOUIN ZONES

- GS REGIONS
- . **BRILLOUIN ZONES**
- RT BAND STRUCTURE OF SOLIDS
- CONDUCTION BANDS
- CRYSTAL LATTICES
- FERMI SURFACES
- FREE ELECTRONS

BRILLOUIN-WIGNER EQUATION

- RT ∞ EQUATIONS

BRINES

- RT COOLANTS
- REFRIGERANTS
- SALINITY
- SALT BATHS
- SALT BEDS
- SEA WATER

BRIQUETS

- RT BLANKS
- PELLETS
- TABLETS

BRISTOL ER-134 AIRCRAFT

- USE ER-134 AIRCRAFT

BRISTOL-SIDDELEY BS 53 ENGINE

- UF PEGASUS ENGINE
- GS ENGINES
- . AIR BREATHING ENGINES
- . GAS TURBINE ENGINES
- . JET ENGINES
- . TURBOJET ENGINES
- . TURBOFAN ENGINES
- . **BRISTOL-SIDDELEY BS 53 ENGINE**
- . INTERNAL COMBUSTION ENGINES
- . GAS TURBINE ENGINES
- . JET ENGINES
- . TURBOJET ENGINES
- . TURBOFAN ENGINES
- . **BRISTOL-SIDDELEY BS 53 ENGINE**
- . TURBINE ENGINES
- . GAS TURBINE ENGINES
- . JET ENGINES
- . TURBOJET ENGINES
- . TURBOFAN ENGINES

BRISTOL-SIDDELEY BS 53 ENGINE-(CONT.)

- . **BRISTOL-SIDDELEY BS 53 ENGINE**
- RT P-1127 AIRCRAFT
- BRISTOL-SIDDELEY MK 301 ENGINE**
- GS ENGINES
- . ROCKET ENGINES
- . LIQUID PROPELLANT ROCKET ENGINES
- . **BRISTOL-SIDDELEY MK 301 ENGINE**

BRISTOL-SIDDELEY OLYMPUS 593 ENGINE

- GS ENGINES
- . AIR BREATHING ENGINES
- . GAS TURBINE ENGINES
- . JET ENGINES
- . TURBOJET ENGINES
- . **BRISTOL-SIDDELEY OLYMPUS 593 ENGINE**
- . INTERNAL COMBUSTION ENGINES
- . GAS TURBINE ENGINES
- . JET ENGINES
- . TURBOJET ENGINES
- . **BRISTOL-SIDDELEY OLYMPUS 593 ENGINE**
- . TURBINE ENGINES
- . GAS TURBINE ENGINES
- . JET ENGINES
- . TURBOJET ENGINES
- . **BRISTOL-SIDDELEY OLYMPUS 593 ENGINE**

BRISTOL-SIDDELEY VIPER ENGINE

- GS ENGINES
- . AIR BREATHING ENGINES
- . GAS TURBINE ENGINES
- . JET ENGINES
- . TURBOJET ENGINES
- . **BRISTOL-SIDDELEY VIPER ENGINE**
- . INTERNAL COMBUSTION ENGINES
- . GAS TURBINE ENGINES
- . JET ENGINES
- . TURBOJET ENGINES
- . **BRISTOL-SIDDELEY VIPER ENGINE**
- . TURBINE ENGINES
- . GAS TURBINE ENGINES
- . JET ENGINES
- . TURBOJET ENGINES
- . **BRISTOL-SIDDELEY VIPER ENGINE**

BRITISH AIRCRAFT CORP AIRCRAFT

- USE BAC AIRCRAFT

BRITISH GUINEA

- USE GUYANA

BRITISH HONDURAS

- USE BELIZE

BRITTLE MATERIALS

- RT CLEAVAGE
- CRACKING (FRACTURING)
- EMBRITTELEMENT
- FRACTURE STRENGTH
- GRANULAR MATERIALS
- HARDNESS
- IMPACT STRENGTH
- ∞ MATERIALS
- POROUS MATERIALS

BRITTLINESS

- GS MECHANICAL PROPERTIES
- . **BRITTLINESS**
- RT CHARPY IMPACT TEST
- CLEAVAGE
- COLD HARDENING
- CRACK CLOSURE
- CRACK INITIATION
- CRACK PROPAGATION
- CRACKING (FRACTURING)
- DUCTILITY
- EMBRITTELEMENT
- FRACTOGRAPHY
- FRACTURE STRENGTH
- FRACTURING
- HARDNESS
- IMPACT STRENGTH
- IMPACT TESTS
- NOTCH STRENGTH
- NOTCH TESTS
- TOUGHNESS

NASA THESAURUS (VOLUME 1)

BRITTLINESS-(CONT.)

- WELDABILITY
- BROADBAND**
- UF WIDEBAND
- GS BANDWIDTH
- . **BROADBAND**
- FREQUENCIES
- . **BROADBAND**
- RT ∞ FREQUENCY RESPONSE
- LOG PERIODIC ANTENNAS
- SPIRAL ANTENNAS

BROADBAND AMPLIFIERS

- GS AMPLIFIERS
- . **BROADBAND AMPLIFIERS**
- RT BANDWIDTH
- FREQUENCIES
- WIDEBAND COMMUNICATION

BROADCASTING

- UF RADIO BROADCASTING
- GS TELECOMMUNICATION
- . **BROADCASTING**
- RT COMMUNICATION NETWORKS
- RADIO COMMUNICATION
- RADIO EQUIPMENT
- RADIO SIGNALS
- RADIO TRANSMISSION
- SYMPHONIE SATELLITES
- TRANSMISSION
- VOICE OF AMERICA

BROKEN SYMMETRY

- UF SYMMETRY BREAKING
- GS SYMMETRY
- . **BROKEN SYMMETRY**
- RT MATHEMATICAL MODELS
- THEORETICAL PHYSICS

BROMATES

- GS HALOGEN COMPOUNDS
- . BROMINE COMPOUNDS
- . **BROMATES**
- RT ∞ OXYGEN COMPOUNDS

BROMIDES

- GS HALOGEN COMPOUNDS
- . BROMINE COMPOUNDS
- . **BROMIDES**
- . AMMONIUM BROMIDES
- . ARECOLINE HYDROBROMIDE
- . CESIUM BROMIDES
- . CHROMIUM BROMIDES
- . DIBROMIDES
- . HYDROBROMIC ACID
- . HYDROBROMIDES
- . MAGNESIUM BROMIDES
- . POTASSIUM BROMIDES
- . SILVER BROMIDES
- . SODIUM BROMIDES
- . STRONTIUM BROMIDES
- . HALIDES
- . **BROMIDES**
- . AMMONIUM BROMIDES
- . ARECOLINE HYDROBROMIDE
- . CESIUM BROMIDES
- . CHROMIUM BROMIDES
- . DIBROMIDES
- . HYDROBROMIC ACID
- . HYDROBROMIDES
- . MAGNESIUM BROMIDES
- . POTASSIUM BROMIDES
- . SILVER BROMIDES
- . SODIUM BROMIDES
- . STRONTIUM BROMIDES
- RT SALT BEDS

BROMINATION

- GS CHEMICAL REACTIONS
- . HALOGENATION
- . **BROMINATION**

BROMINE

- GS CHEMICAL ELEMENTS
- . HALOGENS
- . **BROMINE**
- . BROMINE ISOTOPES

BROMINE COMPOUNDS

- GS HALOGEN COMPOUNDS
- . **BROMINE COMPOUNDS**
- . BROMATES
- . BROMIDES

BROMINE COMPOUNDS-(CONT.)

... AMMONIUM BROMIDES
 ... ARECOLINE HYDROBROMIDE
 ... CESIUM BROMIDES
 ... CHROMIUM BROMIDES
 ... DIBROMIDES
 ... HYDROBROMIC ACID
 ... HYDROBROMIDES
 ... MAGNESIUM BROMIDES
 ... POTASSIUM BROMIDES
 ... SILVER BROMIDES
 ... SODIUM BROMIDES
 ... STRONTIUM BROMIDES
 RT HALOCARBONS

BROMINE ISOTOPES

UF BROMINE 82
 BROMINE 87
 GS CHEMICAL ELEMENTS
 ... HALOGENS
 ... BROMINE
 ... **BROMINE ISOTOPES**
 ... NUCLIDES
 ... ISOTOPES
 ... **BROMINE ISOTOPES**

BROMINE 82

USE BROMINE ISOTOPES

BROMINE 87

USE BROMINE ISOTOPES

BRONCHI

GS ANATOMY
 ... RESPIRATORY SYSTEM
 ... **BRONCHI**
 RT LUNGS
 TRACHEA

BRONCHIAL TUBE

GS ANATOMY
 ... RESPIRATORY SYSTEM
 ... **BRONCHIAL TUBE**
 ... PHARYNX
 ... TRACHEA
 RT ∞ TUBES

BRONZES

GS ALLOYS
 ... COPPER ALLOYS
 ... **BRONZES**

BROTHS

RT ∞ FOOD
 NUTRITION

BROWN WAVE EFFECT

RT ANNUAL VARIATIONS
 BOTANY
 CHLOROPHYLLS
 FOLIAGE
 LEAVES

BROWNIAN MOVEMENTS

RT COLLOIDS
 DISPERSIONS
 EINSTEIN EQUATIONS
 EMULSIONS
 FOKKER-PLANCK EQUATION
 ∞ MOTION
 ∞ SUSPENSIONS

BRUCITE

GS CHALCOGENIDES
 ... OXIDES
 ... **BRUCITE**
 ... MAGNESIUM COMPOUNDS
 ... **BRUCITE**
 ... MINERALS
 ... **BRUCITE**

BRUDERHEIM METEORITE

GS CELESTIAL BODIES
 ... METEORITES
 ... STONY METEORITES
 ... CHONDRITES
 ... **BRUDERHEIM METEORITE**

BRUNEI

RT ASIA
 NATIONS

BRUSH (BOTANY)

UF SCRUBS (BOTANY)
 GS PLANTS (BOTANY)
 ... **BRUSH (BOTANY)**
 ... CHAPARRAL
 RT BOTANY
 COPSES
 DEFOLIATION
 EARTH RESOURCES
 GUAYULE
 HERBICIDES

BRUSHES

GS **BRUSHES**
 ... BRUSHES (ELECTRICAL CONTACTS)
 RT ELECTRIC CONTACTS
 ELECTRIC GENERATORS
 ELECTRIC MOTORS

BRUSHES (ELECTRICAL CONTACTS)

GS BRUSHES
 ... **BRUSHES (ELECTRICAL CONTACTS)**

BRYOPHYTES

GS PLANTS (BOTANY)
 ... **BRYOPHYTES**

BS-210 AIRCRAFT

UF BOLKOW-SIEBEL BS-210 AIRCRAFT
 SIEBEL BS-210 AIRCRAFT
 GS BOLKOW AIRCRAFT
 ... **BS-210 AIRCRAFT**
 ... MONOPLANES
 ... **BS-210 AIRCRAFT**

BSX

GS EXPLOSIVES
 ... **BSX**
 RT NITROMETHANE

BUBBLE CHAMBERS

GS IONIZATION CHAMBERS
 ... **BUBBLE CHAMBERS**
 RT ∞ CHAMBERS
 CLOUD CHAMBERS
 ELEMENTARY PARTICLES
 PARTICLE TRAJECTORIES
 RADIATION COUNTERS
 SPARK CHAMBERS

BUBBLE MEMORY DEVICES

GS MAGNETIC STORAGE
 ... **BUBBLE MEMORY DEVICES**
 RT BINARY DATA
 COMPUTER COMPONENTS
 CORE STORAGE
 DATA PROCESSING
 DATA RECORDERS
 DATA RECORDING
 DATA STORAGE
 MAGNETIC CORES
 MAGNETIC DOMAINS
 MAGNETIC RECORDING
 MAGNETIC SWITCHING

BUBBLE TECHNIQUE

GS TECHNOLOGIES
 ... **BUBBLE TECHNIQUE**
 RT DATA RECORDERS
 ELECTRONIC EQUIPMENT
 FLIGHT INSTRUMENTS
 ∞ INSTRUMENTS
 MAGNETIC DOMAINS
 ONBOARD EQUIPMENT
 RECORDING INSTRUMENTS
 SEMICONDUCTOR DEVICES
 SOLID STATE DEVICES
 SPACECRAFT INSTRUMENTS

BUBBLES

RT AERATION
 CAVITATION FLOW
 COANDA EFFECT
 EFFERESCENCE
 FOAMS
 METAL FOAMS
 WAKES

BUCCANEER AIRCRAFT

UF B-103 AIRCRAFT
 BLACKBURN B-103 AIRCRAFT
 GS ATTACK AIRCRAFT
 ... **BUCCANEER AIRCRAFT**
 HAWKER SIDDELEY AIRCRAFT

BUCCANEER AIRCRAFT-(CONT.)

... **BUCCANEER AIRCRAFT**
 ... JET AIRCRAFT
 ... **BUCCANEER AIRCRAFT**
 ... MONOPLANES
 ... **BUCCANEER AIRCRAFT**
 RT HARRIER AIRCRAFT

BUCKET BRIGADE DEVICES

GS ELECTRONIC EQUIPMENT
 ... SOLID STATE DEVICES
 ... SEMICONDUCTOR DEVICES
 ... METAL OXIDE SEMICONDUCTORS
 ... CHARGE TRANSFER DEVICES
 ... **BUCKET BRIGADE DEVICES**
 RT CHARGE COUPLED DEVICES
 SEMICONDUCTORS (MATERIALS)

BUCKETS

SN (USE OF A MORE SPECIFIC TERM IS
 RECOMMENDED--CONSULT THE TERMS
 LISTED BELOW)
 RT BOXES (CONTAINERS)
 ∞ CAPSULES
 DRUMS (CONTAINERS)
 TRAYS
 TURBOMACHINE BLADES

BUCKEY AIRCRAFT

USE T-2 AIRCRAFT

BUCKLING

GS **BUCKLING**
 ... CREEP BUCKLING
 ... ELASTIC BUCKLING
 ... EULER BUCKLING
 ... THERMAL BUCKLING
 RT BENDING
 COLLAPSE
 COMPRESSION LOADS
 DEFORMATION
 DISTORTION
 DONNELL EQUATIONS
 FAILURE
 FAILURE MODES
 FLANGE WRINKLING
 HEAVING
 ∞ RIDGES
 SHELL STABILITY
 STRESSES
 STRUCTURAL FAILURE
 STRUCTURAL STRAIN
 TEMPERATURE INVERSIONS
 TORSION
 TWISTING
 WARPAGE
 WRINKLING

BUDGETING

RT ALLOCATIONS
 APPROPRIATIONS
 ∞ BUDGETS
 COST ANALYSIS
 COST EFFECTIVENESS
 COST ESTIMATES
 ECONOMIC FACTORS
 ESTIMATING
 FINANCIAL MANAGEMENT
 FORECASTING
 GRANTS
 INCOME
 MISSION PLANNING
 PLANNING
 PROCUREMENT MANAGEMENT
 PROJECT PLANNING
 REVENUE

∞ BUDGETS

SN (USE OF A MORE SPECIFIC TERM IS
 RECOMMENDED--CONSULT THE TERMS
 LISTED BELOW)
 RT BUDGETING
 ENERGY BUDGETS
 ENGINEERING MANAGEMENT
 FEDERAL BUDGETS
 FOREIGN POLICY
 HEAT BUDGET
 PROCUREMENT MANAGEMENT
 RESEARCH MANAGEMENT

BUFFALO AIRCRAFT

USE DHC 5 AIRCRAFT

BUFFER STORAGE

GS PERIPHERAL EQUIPMENT (COMPUTERS)

BUFFERS

BUFFER STORAGE-(CONT.)

. COMPUTER STORAGE DEVICES

. . . **BUFFER STORAGE**

RT ∞ BUFFERS
CORE STORAGE
DATA STORAGE
∞ STORAGE

∞ BUFFERS

SN *(USE OF A MORE SPECIFIC TERM IS
RECOMMENDED-CONSULT THE TERMS
LISTED BELOW)*

RT BUFFER STORAGE
BUFFERS (CHEMISTRY)

BUFFERS (CHEMISTRY)

RT ∞ BUFFERS
CHEMICAL EQUILIBRIUM
NEUTRALIZERS
PH

BUFFETING

RT AERODYNAMIC STABILITY
AIRCRAFT STABILITY
BOUNDARY LAYER CONTROL
COMPRESSIBILITY EFFECTS
FLIGHT CHARACTERISTICS
FLUTTER
OSCILLATING FLOW
SHAKING
SPACECRAFT MOTION
SPACECRAFT STABILITY
STROUHAL NUMBER
TURBULENCE EFFECTS
VORTEX AVOIDANCE

BUILDING MATERIALS

USE CONSTRUCTION MATERIALS

BUILDING STRUCTURES

USE BUILDINGS

∞ BUILDINGS

SN *(USE OF A MORE SPECIFIC TERM IS
RECOMMENDED-CONSULT THE TERMS
LISTED BELOW)*

UF BUILDING STRUCTURES
RT ARCHITECTURE
BASEMENTS
CEILINGS (ARCHITECTURE)
CHIMNEYS
CONSTRUCTION
CONSTRUCTION INDUSTRY
FLOORS
HANGARS
INFLATABLE STRUCTURES
MISSILE SILOS
MUSEUMS
ROOFS
SHELTERS
SOLAR HOUSES
STAIRWAYS
STARSITE PROGRAM
WALLS

BULBS

RT LUMINAIRES
PLANT ROOTS
PRESSURE VESSELS
SYRINGES

BULGARIA

RT BLACK SEA
EUROPE
NATIONS

BULGING

GS METAL WORKING
. **BULGING**
RT DEEP DRAWING
DIMPLING
EXPLOSIVE FORMING
FORGING
HOT WORKING
MAGNETIC FORMING
METAL DRAWING
STRETCH FORMING

BULK ACOUSTIC WAVE DEVICES

UF B-A-W DEVICES
RT ∞ DEVICES
SURFACE ACOUSTIC WAVE DEVICES
TRANSDUCERS

BULK MODULUS

GS MECHANICAL PROPERTIES
. **BULK MODULUS**
RT COMPRESSIBILITY
DENSITY (MASS/VOLUME)

BULKHEADS

GS WALLS
. **BULKHEADS**
RT ∞ BARRIERS
END PLATES
HULLS (STRUCTURES)
PARTITIONS (STRUCTURES)
REINFORCEMENT (STRUCTURES)
THICK WALLS
THIN WALLS

BULLPUP B MISSILE

RT LR-62 ENGINE
LR-62-RM-2 ENGINE

BULLPUP MISSILES

GS MISSILES
. AIR TO SURFACE MISSILES
. **BULLPUP MISSILES**
RT LR-62-RM-2 ENGINE
XLR-58 ENGINE

BUMBLEBEE PROJECT

GS MISSILES
. **BUMBLEBEE PROJECT**
PROGRAMS
. PROJECTS
. **BUMBLEBEE PROJECT**
RT TALOS MISSILE
TARTAR MISSILE
TERRIER MISSILE
TYPHON WEAPON SYSTEM

BUMPERS

RT CUSHIONS
METEOROID PROTECTION
METEORIODS
PROTECTORS

BUMPY TORUSES

RT FUSION REACTORS
PLASMA CONTROL
PLASMA HEATING
TOKAMAK DEVICES
TOROIDAL PLASMAS

BUNA (TRADEMARK)

GS RUBBER
. SYNTHETIC RUBBERS
. **BUNA (TRADEMARK)**
RT BUTADIENE
STYRENES

BUNCHING

GS **BUNCHING**
. ELECTRON BUNCHING
RT QUEUEING THEORY
SPACE CHARGE
VELOCITY MODULATION

BUNDLE DRAWING

RT ∞ DRAWING
METAL DRAWING

BUNDLES

RT ∞ CONTAINERS
PACKAGES
UMBILICAL CONNECTORS
WIRING

BUNKERS (FUEL)

GS TANKS (CONTAINERS)
. **BUNKERS (FUEL)**
RT FUEL SYSTEMS

BUOYANCY

RT ACOUSTIC LEVITATION
AEROSTATICS
BALLAST (MASS)
DENSITY (MASS/VOLUME)
FLOATING
GAS DENSITY
LEVITATION
MECHANICAL PROPERTIES
∞ PHYSICAL PROPERTIES
POROSITY
RAYLEIGH NUMBER
VOIDS

NASA THESAURUS (VOLUME 1)

BUOYS

RT BEACONS
COMPASSES
FLOATS
∞ MARKERS
NAVIGATION AIDS
OCEAN DATA ACQUISITIONS SYSTEMS

BUREAUS (ORGANIZATIONS)

GS INSTITUTIONS
. **BUREAUS (ORGANIZATIONS)**
ORGANIZATIONS
. FEDERATIONS
. **BUREAUS (ORGANIZATIONS)**
RT PROGRAMS
PROJECTS
TEAMS
UNIVERSITY PROGRAM

BURETTES

GS MEASURING INSTRUMENTS
. **BURETTES**
RT GLASSWARE
PIPETTES
∞ TUBES

BURGER EQUATION

GS ANALYSIS (MATHEMATICS)
. REAL VARIABLES
. . . DIFFERENTIAL EQUATIONS
. . . PARTIAL DIFFERENTIAL EQUATIONS
. . . **BURGER EQUATION**
RT CONTINUUM MECHANICS
NAVIER-STOKES EQUATION
SHOCK WAVE PROPAGATION

BURMA

RT ASIA
NATIONS

BURNERS

RT AFTERBURNING
CHEMICAL REACTORS
COMBUSTION CHAMBERS
DIFFUSION WELDING
FUEL INJECTION
FURNACES
INCINERATORS
WASTE ENERGY UTILIZATION

BURNING

USE COMBUSTION

BURNING PROCESS

USE COMBUSTION

BURNING RATE

GS RATES (PER TIME)
. **BURNING RATE**
RT BURNOUT
COMBUSTION
COMBUSTION CONTROL
COMBUSTION EFFICIENCY
COMBUSTION STABILITY
EXPLOSIVES
FLAME PROPAGATION
FLAMMABILITY
FUEL CONSUMPTION
FUEL-AIR RATIO
FUELS
PRESSURE DEPENDENCE
PROPELLANT GRAINS
PROPELLANTS
SOLID PROPELLANT COMBUSTION
SOLID PROPELLANT ROCKET ENGINES
SOLID ROCKET PROPELLANTS
VELOCITY COUPLING

BURNING TIME

UF FIRING TIME
GS TIME
. **BURNING TIME**
RT COMBUSTION
COMBUSTION EFFICIENCY
FIRING (IGNITING)
FLIGHT OPTIMIZATION
FLIGHT TIME
ROCKET ENGINES
ROCKET FIRING
TESTING TIME
THRUST
WINDOWS (INTERVALS)

BURNOUT

SN (TERMINATION OF COMBUSTION IN A
ROCKET ENGINE BECAUSE OF
EXHAUSTION OF THE PROPELLANT)
RT BOOSTER ROCKET ENGINES
BURNING RATE
COMBUSTION
∞ CUT-OFF
EROSIVE BURNING
EXTINGUISHING
SOLID PROPELLANT ROCKET ENGINES
THRUST TERMINATION

BURNS (INJURIES)

GS INJURIES
. **BURNS (INJURIES)**
RT CRASH INJURIES
FIRES
LASER DAMAGE
LISIONS
RADIATION INJURIES

BURNTHROUGH (FAILURE)

GS FAILURE
. **BURNTHROUGH (FAILURE)**
RT ABLATION
DAMAGE
MELTING
PERFORATING

BURROUGHS 220 COMPUTER

GS DATA PROCESSING EQUIPMENT
. COMPUTERS
. . . DIGITAL COMPUTERS
. . . **BURROUGHS 220 COMPUTER**

BURSTS

GS **BURSTS**
. GAMMA RAY BURSTS
. RADIO BURSTS
. . . SOLAR RADIO BURSTS
. . . TYPE 2 BURSTS
. . . TYPE 3 BURSTS
. . . TYPE 4 BURSTS
. . . TYPE 5 BURSTS
RT ∞ DISTURBANCES
EMISSION
EXPLOSIONS
FRAGMENTATION
IMPLOSIONS
RUPTURING

BURUNDI

UF RUANDA URUNDI
RT AFRICA
NATIONS
RWANDA

BUS CONDUCTORS

GS CONDUCTORS
. **BUS CONDUCTORS**
RT ELECTRIC WIRE
FLAT CONDUCTORS
POWER LINES
∞ POWER TRANSMISSION

BUSHINGS

RT BEARINGS
INSERTS
LININGS
SHAFTS (MACHINE ELEMENTS)
SPACERS

BUTADIENE

UF VINYL ETHYLENE
GS ALIPHATIC COMPOUNDS
. ALKENES
. . . **BUTADIENE**
HYDROCARBONS
. ALKENES
. . . **BUTADIENE**
. DIENES
. . . **BUTADIENE**
RT BUNA (TRADEMARK)
HYDROCARBON FUELS
POLYBUTADIENE

BUTANES

UF ISOBUTANE
GS ALIPHATIC COMPOUNDS
. ALKENES
. . . **BUTANES**
HYDROCARBONS
. ALKENES
. . . **BUTANES**

BUTENES

UF BUTYLENE
ISOBUTYLENE
GS ALIPHATIC COMPOUNDS
. ALKENES
. . . **BUTENES**
HYDROCARBONS
. ALKENES
. . . **BUTENES**

BUTT JOINTS

GS JOINTS (JUNCTIONS)
. **BUTT JOINTS**
RT LAP JOINTS
METAL JOINTS
RIVETED JOINTS
SOLDERED JOINTS
WELDED JOINTS

BUTTERFLY VALVES

GS VALVES
. **BUTTERFLY VALVES**
. . . DAMPERS (VALVES)

BUTTES

GS LANDFORMS
. TERRACES (LANDFORMS)
. . . PLATEAUS
. . . MESAS
. . . **BUTTES**

∞ BUTTONS

SN *(USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)*
RT BUTTONS (FASTENERS)
MANUAL CONTROL

BUTTONS (FASTENERS)

GS FASTENERS
. **BUTTONS (FASTENERS)**
RT ∞ BUTTONS
CLOTHING
ZIPPERS

BUTYLENE

USE BUTENES

BUTYLENE OXIDES

USE TETRAHYDROFURAN

BUTYRIC ACID

GS ACIDS
. **BUTYRIC ACID**
RT FERMENTATION

BY-PRODUCTS

RT MATERIALS RECOVERY
PRODUCTS
REACTION PRODUCTS
WASTES

BYPASS RATIO

RT AIR INTAKES
ENGINE INLETS
FLOW GEOMETRY
HYPERSONIC INLETS
INLET AIRFRAME CONFIGURATIONS
INLET FLOW
INLET NOZZLES
INTAKE SYSTEMS
NOSE INLETS
SIDE INLETS
SUPERSONIC INLETS

BYPASSES

UF SHUNTS
RT DIVERTERS
RELIEF VALVES

C BAND

GS FREQUENCIES
. RADIO FREQUENCIES
. . . MICROWAVE FREQUENCIES
. . . **C BAND**
RT MILLIMETER WAVES
SUPERHIGH FREQUENCIES

C-1A AIRCRAFT

UF TRADER AIRCRAFT
GS GRUMMAN AIRCRAFT
. **C-1A AIRCRAFT**
TRANSPORT AIRCRAFT
. CARGO AIRCRAFT
. . . **C-1A AIRCRAFT**
RT ∞ MILITARY AIRCRAFT

C-2 AIRCRAFT

UF COD AIRCRAFT
GS GRUMMAN AIRCRAFT
. **C-2 AIRCRAFT**
JET AIRCRAFT
. TURBOPROP AIRCRAFT
. . . **C-2 AIRCRAFT**
MONOPLANES
. **C-2 AIRCRAFT**
TRANSPORT AIRCRAFT
. CARGO AIRCRAFT
. . . **C-2 AIRCRAFT**

C-5 AIRCRAFT

UF GALAXY AIRCRAFT
LOCKHEED C-5 AIRCRAFT
GS JET AIRCRAFT
. **C-5 AIRCRAFT**
LOCKHEED AIRCRAFT
. **C-5 AIRCRAFT**
TRANSPORT AIRCRAFT
. CARGO AIRCRAFT
. . . **C-5 AIRCRAFT**
RT TURBOFAN ENGINES

C-8A AUGMENTOR WING AIRCRAFT

GS JET AIRCRAFT
. **C-8A AUGMENTOR WING AIRCRAFT**
RESEARCH AIRCRAFT
. **C-8A AUGMENTOR WING AIRCRAFT**

C-9 AIRCRAFT

GS JET AIRCRAFT
. **C-9 AIRCRAFT**
MCDONNELL DOUGLAS AIRCRAFT
. DOUGLAS AIRCRAFT
. . . **C-9 AIRCRAFT**
MCDONNELL AIRCRAFT
. **C-9 AIRCRAFT**
TRANSPORT AIRCRAFT
. CARGO AIRCRAFT
. . . **C-9 AIRCRAFT**
RT EVACUATING (TRANSPORTATION)

C-15 AIRCRAFT

UF YC-15 AIRCRAFT
GS V/STOL AIRCRAFT
. SHORT TAKEOFF AIRCRAFT
. . . **C-15 AIRCRAFT**

C-33 AIRCRAFT

UF BEECH C-33 AIRCRAFT
DEBONAIR AIRCRAFT
GS BEECHCRAFT AIRCRAFT
. BEECH 99 AIRCRAFT
. . . **C-33 AIRCRAFT**
GENERAL AVIATION AIRCRAFT
. **C-33 AIRCRAFT**
LIGHT AIRCRAFT
. BEECH 99 AIRCRAFT
. . . **C-33 AIRCRAFT**
MONOPLANES
. **C-33 AIRCRAFT**
PASSENGER AIRCRAFT
. **C-33 AIRCRAFT**

C-35 AIRCRAFT

UF BEECH S-35 AIRCRAFT
BONANZA AIRCRAFT
GS BEECHCRAFT AIRCRAFT
. BEECH 99 AIRCRAFT
. . . **C-35 AIRCRAFT**
GENERAL AVIATION AIRCRAFT
. **C-35 AIRCRAFT**
LIGHT AIRCRAFT
. BEECH 99 AIRCRAFT
. . . **C-35 AIRCRAFT**
MONOPLANES
. **C-35 AIRCRAFT**
PASSENGER AIRCRAFT
. **C-35 AIRCRAFT**

C-46 AIRCRAFT

UF COMMANDO AIRCRAFT
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GS CURTISS-WRIGHT AIRCRAFT

C-47 AIRCRAFT

C-46 AIRCRAFT-(CONT.)

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PASSENGER AIRCRAFT
. C-46 AIRCRAFT
TRANSPORT AIRCRAFT
. CARGO AIRCRAFT
. C-46 AIRCRAFT

C-47 AIRCRAFT

UF DAKOTA AIRCRAFT
GS MCDONNELL DOUGLAS AIRCRAFT
. DOUGLAS AIRCRAFT
. C-47 AIRCRAFT
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. C-47 AIRCRAFT
TRANSPORT AIRCRAFT
. CARGO AIRCRAFT
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C-54 AIRCRAFT

UF R5D AIRCRAFT
SKYMASTER AIRCRAFT
GS MCDONNELL DOUGLAS AIRCRAFT
. DOUGLAS AIRCRAFT
. C-54 AIRCRAFT
MONOPLANES
. C-54 AIRCRAFT
TRANSPORT AIRCRAFT
. CARGO AIRCRAFT
. C-54 AIRCRAFT

C-97 AIRCRAFT

GS BOEING AIRCRAFT
. C-97 AIRCRAFT
MONOPLANES
. C-97 AIRCRAFT
TRANSPORT AIRCRAFT
. CARGO AIRCRAFT
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C-118 AIRCRAFT

GS MCDONNELL DOUGLAS AIRCRAFT
. DOUGLAS AIRCRAFT
. C-118 AIRCRAFT
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. C-118 AIRCRAFT
TRANSPORT AIRCRAFT
. CARGO AIRCRAFT
. C-118 AIRCRAFT

C-119 AIRCRAFT

GS FAIRCHILD-HILLER AIRCRAFT
. C-119 AIRCRAFT
JET AIRCRAFT
. C-119 AIRCRAFT
TRANSPORT AIRCRAFT
. CARGO AIRCRAFT
. C-119 AIRCRAFT

C-121 AIRCRAFT

UF LOCKHEED CONSTELLATION AIRCRAFT
R7V AIRCRAFT
GS LOCKHEED AIRCRAFT
. C-121 AIRCRAFT
MONOPLANES
. C-121 AIRCRAFT
TRANSPORT AIRCRAFT
. CARGO AIRCRAFT
. C-121 AIRCRAFT
RT EC-121 AIRCRAFT
L-1649 AIRCRAFT

C-123 AIRCRAFT

UF PROVIDER AIRCRAFT
YC-123 AIRCRAFT
GS FAIRCHILD-HILLER AIRCRAFT
. C-123 AIRCRAFT
MONOPLANES
. C-123 AIRCRAFT
TRANSPORT AIRCRAFT
. CARGO AIRCRAFT
. C-123 AIRCRAFT
V/STOL AIRCRAFT
. SHORT TAKEOFF AIRCRAFT
. C-123 AIRCRAFT

C-124 AIRCRAFT

GS MCDONNELL DOUGLAS AIRCRAFT
. DOUGLAS AIRCRAFT
. C-124 AIRCRAFT
MONOPLANES
. C-124 AIRCRAFT
TRANSPORT AIRCRAFT

C-124 AIRCRAFT-(CONT.)

. CARGO AIRCRAFT
. C-124 AIRCRAFT

C-130 AIRCRAFT

UF GC-130 AIRCRAFT
HERCULES AIRCRAFT
JC-130 AIRCRAFT
KC-130 AIRCRAFT
NC-130 AIRCRAFT
GS LOCKHEED AIRCRAFT
. C-130 AIRCRAFT
MONOPLANES
. C-130 AIRCRAFT
TRANSPORT AIRCRAFT
. CARGO AIRCRAFT
. C-130 AIRCRAFT
RT T-56 ENGINE

C-131 AIRCRAFT

UF SAMARITAN AIRCRAFT
GS GENERAL DYNAMICS AIRCRAFT
. C-131 AIRCRAFT
MONOPLANES
. C-131 AIRCRAFT
TRANSPORT AIRCRAFT
. CARGO AIRCRAFT
. C-131 AIRCRAFT

C-133 AIRCRAFT

UF CARGOMASTER AIRCRAFT
GS JET AIRCRAFT
. TURBOPROP AIRCRAFT
. C-133 AIRCRAFT
MCDONNELL DOUGLAS AIRCRAFT
. DOUGLAS AIRCRAFT
. C-133 AIRCRAFT
MONOPLANES
. C-133 AIRCRAFT
TRANSPORT AIRCRAFT
. CARGO AIRCRAFT
. C-133 AIRCRAFT
RT T-34 ENGINE

C-135 AIRCRAFT

UF KC-135 AIRCRAFT
STRATOTANKER AIRCRAFT
GS BOEING AIRCRAFT
. C-135 AIRCRAFT
JET AIRCRAFT
. C-135 AIRCRAFT
MONOPLANES
. C-135 AIRCRAFT
TRANSPORT AIRCRAFT
. CARGO AIRCRAFT
. C-135 AIRCRAFT
RT ADVANCED RANGE INSTRUMENTATION
AIRCRAFT
TURBOFAN AIRCRAFT

C-140 AIRCRAFT

UF JET STAR AIRCRAFT
GS JET AIRCRAFT
. C-140 AIRCRAFT
LOCKHEED AIRCRAFT
. C-140 AIRCRAFT
MONOPLANES
. C-140 AIRCRAFT
TRANSPORT AIRCRAFT
. CARGO AIRCRAFT
. C-140 AIRCRAFT
UTILITY AIRCRAFT
. C-140 AIRCRAFT

C-141 AIRCRAFT

UF KUIPER AIRBORNE OBSERVATORY
STARLIFTER AIRCRAFT
GS JET AIRCRAFT
. TURBOFAN AIRCRAFT
. C-141 AIRCRAFT
LOCKHEED AIRCRAFT
. C-141 AIRCRAFT
MONOPLANES
. C-141 AIRCRAFT
TRANSPORT AIRCRAFT
. CARGO AIRCRAFT
. C-141 AIRCRAFT
RT TURBOFAN ENGINES

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USE XC-142 AIRCRAFT

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UF TRANSALL C-160 AIRCRAFT
GS HAMBURGER AIRCRAFT

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. C-160 AIRCRAFT
JET AIRCRAFT
. TURBOPROP AIRCRAFT
. C-160 AIRCRAFT
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. C-160 AIRCRAFT
NORD AIRCRAFT
. C-160 AIRCRAFT
TRANSPORT AIRCRAFT
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. C-160 AIRCRAFT
RT TURBOPROP ENGINES

CABIN ATMOSPHERES

GS CONTROLLED ATMOSPHERES
. CABIN ATMOSPHERES
. SPACECRAFT CABIN ATMOSPHERES
RT AIRCRAFT COMPARTMENTS
∞ ATMOSPHERES
COCKPITS
ENVIRONMENTAL CONTROL
OXYGEN SUPPLY EQUIPMENT
PRESSURIZED CABINS
SPACE CAPSULES

∞ CABINS

SN (USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)
RT AIRCRAFT COMPARTMENTS
COCKPITS
PRESSURIZED CABINS
SPACECRAFT CABINS

CABLE FORCE RECORDERS

GS RECORDING INSTRUMENTS
. CABLE FORCE RECORDERS
RT ∞ RECORDERS
STRAIN GAGES
TENSIO METERS

∞ CABLES

SN (USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)
RT CABLES (ROPES)
COMMUNICATION CABLES
POWER LINES
SUBMARINE CABLES
TETHER LINES
TRANSMISSION LINES

CABLES (ROPES)

RT ∞ BELTS
∞ CABLES
CHAINS
CORDAGE
FASTENERS
STRANDS
TOWING
WIRE

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GS MAPPING
. CADAstral MAPPING
RT GEOGRAPHY
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THEMATIC MAPPING

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GS CHEMICAL ELEMENTS
. CADMIUM
. CADMIUM ISOTOPES
METALS
. TRANSITION METALS
. CADMIUM
. CADMIUM ISOTOPES

CADMIUM ALLOYS

GS ALLOYS
. CADMIUM ALLOYS
RT BEARING ALLOYS

CADMIUM ANTIMONIDES

GS ANTIMONY COMPOUNDS
. ANTIMONIDES
. CADMIUM ANTIMONIDES
CADMIUM COMPOUNDS
. CADMIUM ANTIMONIDES

CADMIUM CHLORIDES

GS CADMIUM COMPOUNDS
. CADMIUM CHLORIDES

CADMIUM CHLORIDES-(CONT.)

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 . CHLORINE COMPOUNDS
 . CHLORIDES
 . . . **CADMIUM CHLORIDES**
 . HALIDES
 . . CHLORIDES
 . . . **CADMIUM CHLORIDES**
 . . . METAL HALIDES
 . . . **CADMIUM CHLORIDES**

CADMIUM COMPOUNDS

GS **CADMIUM COMPOUNDS**
 . CADMIUM ANTIMONIDES
 . CADMIUM CHLORIDES
 . CADMIUM FLUORIDES
 . CADMIUM SELENIDES
 . CADMIUM SULFIDES
 . CADMIUM TELLURIDES
 RT ∞ GROUP 28 COMPOUNDS
 ∞ METAL COMPOUNDS

CADMIUM FLUORIDES

GS CADMIUM COMPOUNDS
 . **CADMIUM FLUORIDES**
 HALOGEN COMPOUNDS
 . FLUORINE COMPOUNDS
 . . FLUORIDES
 . . . METAL FLUORIDES
 **CADMIUM FLUORIDES**
 . HALIDES
 . . METAL HALIDES
 . . . **CADMIUM FLUORIDES**

CADMIUM ISOTOPES

UF CADMIUM 114
 GS CHEMICAL ELEMENTS
 . CADMIUM
 . . **CADMIUM ISOTOPES**
 . . . NUCLIDES
 . . . ISOTOPES
 **CADMIUM ISOTOPES**
 METALS
 . TRANSITION METALS
 . . CADMIUM
 . . . **CADMIUM ISOTOPES**

CADMIUM MERCURY TELLURIDES

USE MERCURY CADMIUM TELLURIDES

CADMIUM NICKEL BATTERIES

USE NICKEL CADMIUM BATTERIES

CADMIUM SELENIDES

GS CADMIUM COMPOUNDS
 . **CADMIUM SELENIDES**
 CHALCOGENIDES
 . SELENIDES
 . . **CADMIUM SELENIDES**
 SELENIUM COMPOUNDS
 . SELENIDES
 . . **CADMIUM SELENIDES**

CADMIUM SILVER BATTERIES

USE SILVER CADMIUM BATTERIES

CADMIUM SULFIDES

GS CADMIUM COMPOUNDS
 . **CADMIUM SULFIDES**
 CHALCOGENIDES
 . SULFIDES
 . . INORGANIC SULFIDES
 . . . **CADMIUM SULFIDES**
 SULFUR COMPOUNDS
 . SULFIDES
 . . INORGANIC SULFIDES
 . . . **CADMIUM SULFIDES**

CADMIUM TELLURIDES

GS CADMIUM COMPOUNDS
 . **CADMIUM TELLURIDES**
 CHALCOGENIDES
 . TELLURIDES
 . . **CADMIUM TELLURIDES**
 TELLURIUM COMPOUNDS
 . TELLURIDES
 . . **CADMIUM TELLURIDES**

CADMIUM 114

USE CADMIUM ISOTOPES

CAFFEINE

GS DRUGS
 . STIMULANTS

CAFFEINE-(CONT.)

. **CAFFEINE**
 FUNGICIDES
 . **CAFFEINE**
 HETEROCYCLIC COMPOUNDS
 . XANTHINES
 . . **CAFFEINE**
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 . XANTHINES
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 . . **CAFFEINE**

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USE COMPUTER ASSISTED INSTRUCTION

CAISSONS

RT CONSTRUCTION
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CAJUN ROCKET VEHICLE

GS ROCKET VEHICLES
 . SOUNDING ROCKETS
 . . **CAJUN ROCKET VEHICLE**
 RT NIKE-CAJUN ROCKET VEHICLE
 SOLID PROPELLANT ROCKET ENGINES
 SONDES

CALCIFEROL

UF VITAMIN D
 GS VITAMINS
 . **CALCIFEROL**

CALCIFICATION

RT ARTHRITIS
 BONES

CALCINATION

USE ROASTING

CALCITE

GS CALCIUM COMPOUNDS
 . CALCIUM CARBONATES
 . . **CALCITE**
 CARBON COMPOUNDS
 . CARBONATES
 . . CALCIUM CARBONATES
 . . . **CALCITE**
 MINERALS
 . **CALCITE**
 RT ARAGONITE
 BIREFRINGENCE

CALCIUM

GS CHEMICAL ELEMENTS
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 . . CALCIUM ISOTOPES
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 . **CALCIUM**
 . . CALCIUM ISOTOPES
 RT GYPSUM

CALCIUM CARBONATES

GS CALCIUM COMPOUNDS
 . **CALCIUM CARBONATES**
 . . ARAGONITE
 . . . **CALCITE**
 . . . CHALK
 . . . SPURRITE
 CARBON COMPOUNDS
 . CARBONATES
 . . **CALCIUM CARBONATES**
 . . . AKERMANITE
 . . . ARAGONITE
 . . . **CALCITE**
 . . . CHALK
 . . . SPURRITE
 RT BONE MINERAL CONTENT
 LIMESTONE

CALCIUM CHLORIDES

GS CALCIUM COMPOUNDS
 . **CALCIUM CHLORIDES**
 HALOGEN COMPOUNDS
 . CHLORINE COMPOUNDS
 . . CHLORIDES
 . . . **CALCIUM CHLORIDES**
 . HALIDES
 . . CHLORIDES
 . . . **CALCIUM CHLORIDES**
 . . . METAL HALIDES
 . . . **CALCIUM CHLORIDES**

CALCIUM COMPOUNDS

GS **CALCIUM COMPOUNDS**
 . AKERMANITE
 . CALCIUM CARBONATES
 . . ARAGONITE
 . . . **CALCITE**
 . . . CHALK
 . . . SPURRITE
 . CALCIUM CHLORIDES
 . CALCIUM FLUORIDES
 . . FLUORSPAR
 . CALCIUM NIOBATES
 . CALCIUM OXIDES
 . CALCIUM PHOSPHATES
 . CALCIUM SILICATES
 . . GEHLENITE
 . . SPURRITE
 . CALCIUM SULFIDES
 . CALCIUM TUNGSTATES
 . CALCIUM VANADATES
 . FLUORITE
 . MERWINITE
 . MONTICELLITE
 . PEROVSKITES
 . SCHEELITE
 RT ∞ ALKALINE EARTH COMPOUNDS
 ∞ METAL COMPOUNDS

CALCIUM FLUORIDES

GS CALCIUM COMPOUNDS
 . **CALCIUM FLUORIDES**
 . . FLUORSPAR
 HALOGEN COMPOUNDS
 . FLUORINE COMPOUNDS
 . . FLUORIDES
 . . . DIFLUORIDES
 **CALCIUM FLUORIDES**
 FLUORSPAR
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 **CALCIUM FLUORIDES**
 . HALIDES
 . . FLUORIDES
 . . . DIFLUORIDES
 **CALCIUM FLUORIDES**
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 FLUORSPAR

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UF CALCIUM 45
 GS CHEMICAL ELEMENTS
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CALCIUM METABOLISM

GS METABOLISM
 . **CALCIUM METABOLISM**
 RT BED REST
 OSTEOPOROSIS
 PARATHYROID GLAND
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CALCIUM NIOBATES

GS CALCIUM COMPOUNDS
 . **CALCIUM NIOBATES**
 NIOBIUM COMPOUNDS
 . NIOBATES
 . . **CALCIUM NIOBATES**

CALCIUM OXIDES

UF LIME
 GS CALCIUM COMPOUNDS
 . **CALCIUM OXIDES**
 CHALCOGENIDES
 . OXIDES
 . . METAL OXIDES
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CALCIUM PHOSPHATES

UF APATITES
 GS CALCIUM COMPOUNDS
 . **CALCIUM PHOSPHATES**
 PHOSPHORUS COMPOUNDS
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 . . **CALCIUM PHOSPHATES**
 RT BONE MINERAL CONTENT

CALCIUM SILICATES

CALCIUM SILICATES

GS CALCIUM COMPOUNDS
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 SILICON COMPOUNDS
 . SILICATES
 . . CALCIUM SILICATES
 . . . GEHLENITE
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 RT AMPHIBOLES
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GS CALCIUM COMPOUNDS
 . CALCIUM SULFIDES
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 . . INORGANIC SULFIDES
 . . . CALCIUM SULFIDES
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 . . INORGANIC SULFIDES
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CALCIUM TUNGSTATES

GS CALCIUM COMPOUNDS
 . CALCIUM TUNGSTATES
 TUNGSTEN COMPOUNDS
 . CALCIUM TUNGSTATES

CALCIUM VANADATES

GS CALCIUM COMPOUNDS
 . CALCIUM VANADATES
 VANADIUM COMPOUNDS
 . CALCIUM VANADATES

CALCIUM 45

USE CALCIUM ISOTOPES

CALCULATION

USE COMPUTATION

CALCULATORS

RT ARITHMETIC
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CALCULI

UF RENAL CALCULI
 GS DEPOSITS
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 . . DENTAL CALCULI
 RT LITHIASIS
 UROLITHIASIS

CALCULUS

SN (MATHEMATICS CONCERNED WITH
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 . . FOURIER-BESSEL TRANSFORMATIONS
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UF VARIATION METHOD
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UF GRADUATION
 GS CALIBRATING
 . WIND TUNNEL CALIBRATION
 RT ACCURACY
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 INSTRUMENT ERRORS
 MEASURING INSTRUMENTS
 ∞ SCALING
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 STANDARDS
 TEMPERATURE SCALES

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GS UNITED STATES OF AMERICA
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 RT CASCADE RANGE (CA-OR-WA)
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 COASTAL RANGES (CA)
 DEATH VALLEY (CA)
 FEATHER RIVER BASIN (CA)
 GREAT BASIN (US)
 IMPERIAL VALLEY (CA)
 LAKE TAHOE (CA-NV)
 MOJAVE DESERT (CA)
 MONTEREY BAY (CA)
 PALO VERDE VALLEY (CA)
 PENINSULAR RANGES (CA)
 SACRAMENTO VALLEY (CA)
 SALTON SEA (CA)
 SAN ANDREAS FAULT
 SAN FRANCISCO (CA)
 SAN FRANCISCO BAY (CA)
 SAN JOAQUIN VALLEY (CA)
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 . . TRANSURANIUM ELEMENTS
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 RADIOACTIVE ISOTOPES
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 CALIFORNIUM
 CALIFORNIUM ISOTOPES
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GS CELESTIAL BODIES
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 . . . CALLISTO
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 . NATURAL SATELLITES
 . . GALILEAN SATELLITES
 . . . CALLISTO
 RT CHARON
 GANYMEDE
 IO
 JUPITER (PLANET)

CALORIC REQUIREMENTS

GS NUTRITIONAL REQUIREMENTS
 . CALORIC REQUIREMENTS
 RT DIETS
 ∞ FOOD
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RT ∞ STIMULI

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UF MICROCALORIMETERS
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 . CALORIMETERS
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CAMBER

GS CAMBER
 . CONICAL CAMBER
 . WING CAMBER
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CAMBERED WINGS

GS AIRFOILS
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RT CAMBER
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RT ASIA
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KERR CELLS
PANORAMIC CAMERAS
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STREAK CAMERAS

CAMERA TUBES

GS ELECTRON TUBES
CAMERA TUBES
IMAGE DISSECTOR TUBES
ORTHICONS
IMAGE ORTHICONS
VIDICONS
RETURN BEAM VIDICONS
THERMICONS
RT DYNODES
IMAGE CONVERTERS
IMAGE TRANSDUCERS
MONOSCOPES
PLANOTRONS
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GS OPTICAL EQUIPMENT
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LALLEMAND CAMERAS
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HIGH SPEED CAMERAS
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I2S CAMERAS
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GS ALIPHATIC COMPOUNDS
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CAMPHOR

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GS POSITIONING DEVICES (MACHINERY)
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INTERNAL COMBUSTION ENGINES
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ANIK 2
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INTERNATIONAL HYDROLOGICAL
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NORTH AMERICA
ONTARIO
PACIFIC NORTHWEST (US)
QUEBEC
ROCKY MOUNTAINS (NORTH AMERICA)
SASKATCHEWAN
ST LAWRENCE VALLEY (NORTH AMERICA)
WILLISTON BASIN (NORTH AMERICA)

CANADAIR AIRCRAFT

UF CANADAIR CF-104 AIRCRAFT
CF-104 AIRCRAFT
GS GENERAL DYNAMICS AIRCRAFT
CANADAIR AIRCRAFT
CL-28 AIRCRAFT
CL-41 AIRCRAFT
CL-44 AIRCRAFT
CL-84 AIRCRAFT
RT AIRCRAFT

CANADAIR CF-104 AIRCRAFT

USE CANADAIR AIRCRAFT
F-104 AIRCRAFT

CANADAIR CL-28 AIRCRAFT

USE CL-28 AIRCRAFT

CANADAIR CL-41 AIRCRAFT

USE CL-41 AIRCRAFT

CANADAIR CL-44 AIRCRAFT

USE CL-44 AIRCRAFT

CANADAIR CL-84 AIRCRAFT

USE CL-84 AIRCRAFT

CANADIAN SHIELD

RT GEOLOGY
METEORITE CRATERS
PRECAMBRIAN PERIOD

CANADIAN SPACE PROGRAMS

GS PROGRAMS
SPACE PROGRAMS

CANADIAN SPACE PROGRAMS-(CONT.)

RT CANADIAN SPACE PROGRAMS
AEROSPACE TECHNOLOGY TRANSFER
ANIK 1
ANIK 2
ANIK 3
CANADA
COMMUNICATIONS TECHNOLOGY
SATELLITE
NASA PROGRAMS
SCIENTIFIC SATELLITES
SYNCHRONOUS SATELLITES
TECHNOLOGY ASSESSMENT
TECHNOLOGY UTILIZATION

CANALS

GS LANDFORMS
CANALS
WATERWAYS
CANALS
RT DITCHES
FLOOD CONTROL
FLUID FLOW
GATES (OPENINGS)
GREAT LAKES (NORTH AMERICA)
IRRIGATION
MARS SURFACE
MATERIALS HANDLING
PANAMA
SEEPAGE
STRAITS
TROUGHES
WATER FLOW

CANARD CONFIGURATIONS

RT AERODYNAMIC CONFIGURATIONS
AIRCRAFT STRUCTURES
CONFIGURATIONS
CONTROL SURFACES
SAAB 37 AIRCRAFT
TANDEM WING AIRCRAFT

CANBERRA AIRCRAFT

UF ENGLISH ELECTRIC CANBERRA
AIRCRAFT
GS BAC AIRCRAFT
ENGLISH ELECTRIC AIRCRAFT
CANBERRA AIRCRAFT
JET AIRCRAFT
CANBERRA AIRCRAFT
MONOPLANES
CANBERRA AIRCRAFT
RT B-57 AIRCRAFT

CANBERRA BOMBER

USE B-57 AIRCRAFT

CANCELLATION

RT CONTRACTS
ELIMINATION
REMOVAL
STOPPING

CANCELLATION CIRCUITS

GS CIRCUITS
CANCELLATION CIRCUITS
RT DISPLAY DEVICES
MOVING TARGET INDICATORS
PULSE DOPPLER RADAR
RADAR

CANCER

UF CARCINOMA
SARCOMA
GS DISEASES
TUMORS
NEOPLASMS
CANCER
LEUKEMIAS
RT BONE MARROW
CARCINOGENS
CELLS (BIOLOGY)
RADIATION THERAPY
TISSUES (BIOLOGY)
ULCERS

CANISTERS

USE CANS

CANNING

GS FOOD PROCESSING
CANNING
RT ENCAPSULATING
FOOD

CANNONBALL 2 SATELLITE

CANNONBALL 2 SATELLITE

- GS SATELLITES
 - . ARTIFICIAL SATELLITES
 - . . **CANNONBALL 2 SATELLITE**
 - . EARTH SATELLITES
 - . . **CANNONBALL 2 SATELLITE**
 - . SCIENTIFIC SATELLITES
 - . . **CANNONBALL 2 SATELLITE**

CANNONS

- USE GUNS (ORDNANCE)

CANNULAE

- RT ∞ TUBES

CANONICAL FORMS

- GS ALGEBRA
 - . VECTOR SPACES
 - . . MATRICES (MATHEMATICS)
 - . . . **CANONICAL FORMS**
- RT FIBERS (MATHEMATICS)

CANOPIES

- RT AIRCRAFT STRUCTURES
 - AIRFRAMES
 - COCKPITS
 - FAIRINGS
 - WINDSHIELDS

CANOPIES (VEGETATION)

- GS VEGETATION
 - . **CANOPIES (VEGETATION)**
- RT FOLIAGE
 - FORESTS
 - GRASSES
 - LEAVES
 - PLANTS (BOTANY)
 - RAIN FORESTS
 - SOD
 - TREES (PLANTS)

CANS

- UF CANISTERS
- RT ∞ CONTAINERS
 - DRUMS (CONTAINERS)

CANT

- USE SLOPES

CANTILEVER BEAMS

- GS CANTILEVER MEMBERS
 - . **CANTILEVER BEAMS**
 - STRUCTURAL MEMBERS
 - . BEAMS (SUPPORTS)
 - . . **CANTILEVER BEAMS**
- RT BOX BEAMS
 - I BEAMS

CANTILEVER MEMBERS

- GS **CANTILEVER MEMBERS**
 - . CANTILEVER BEAMS
 - . CANTILEVER PLATES
- RT LEVERS

CANTILEVER PLATES

- GS CANTILEVER MEMBERS
 - . **CANTILEVER PLATES**
 - STRUCTURAL MEMBERS
 - . PLATES (STRUCTURAL MEMBERS)
 - . . **CANTILEVER PLATES**
- RT ANISOTROPIC PLATES

CANTILEVER WINGS

- USE WINGS

CANYONS

- UF COULEES
 - GORGES
- GS LANDFORMS
 - . **CANYONS**
 - . . GRAND CANYON (AZ)
- RT ARROYOS
 - CLIFFS
 - FANS (LANDFORMS)
 - RAVINES
 - RIVERS
 - VALLEYS
 - WATER EROSION

CAP CLOUDS

- UF OROGRAPHIC CLOUDS
- GS CLOUDS

CAP CLOUDS-(CONT.)

- . CLOUDS (METEOROLOGY)
- . . **CAP CLOUDS**
- RT ATMOSPHERIC MOISTURE
 - CLIMATOLOGY
 - CLOUD COVER
 - METEOROLOGY
 - NEPHANALYSIS
 - PRECIPITATION (METEOROLOGY)
 - WEATHER

CAPACITANCE

- GS ELECTROMAGNETIC PROPERTIES
 - . ELECTRICAL PROPERTIES
 - . . **CAPACITANCE**
- RT CAPACITORS
 - ∞ CAPACITY
 - DIELECTRIC PROPERTIES
 - ELECTRIC CHARGE
 - ELECTRICAL IMPEDANCE
 - ELECTROSTATIC CHARGE
 - INDUCTANCE
 - OPEN CIRCUIT VOLTAGE
 - RC CIRCUITS
 - REACTANCE
 - RLC CIRCUITS

CAPACITANCE SWITCHES

- GS SWITCHES
 - . **CAPACITANCE SWITCHES**
- RT CAPACITORS
 - DIELECTRICS
 - RLC CIRCUITS
 - SWITCHING CIRCUITS

CAPACITIVE FUEL GAGES

- GS MEASURING INSTRUMENTS
 - . FUEL GAGES
 - . . **CAPACITIVE FUEL GAGES**
- RT DIELECTRICS

CAPACITORS

- RT AMPLIFIERS
 - BALLASTS (IMPEDANCES)
 - CAPACITANCE
 - CAPACITANCE SWITCHES
 - CIRCUIT PROTECTION
 - CIRCUITS
 - ∞ CONDENSERS
 - DIELECTRICS
 - ELECTRETS
 - ELECTRIC BRIDGES
 - ELECTRIC ENERGY STORAGE
 - ELECTRIC FILTERS
 - ELECTRIC REACTORS
 - ENERGY STORAGE
 - GERDIEN CONDENSERS
 - PARALLEL PLATES
 - SOLID STATE DEVICES

∞ CAPACITY

- SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)*
- RT CAPACITANCE
 - CHANNEL CAPACITY
 - OUTPUT
 - PRODUCTION ENGINEERING
 - RISK
 - VOLUME

CAPE HATTERAS (NC)

- GS LANDFORMS
 - . CAPES (LANDFORMS)
 - . . **CAPE HATTERAS (NC)**
- RT ATLANTIC OCEAN
 - NORTH CAROLINA

CAPE KENNEDY LAUNCH COMPLEX

- GS LAUNCHING BASES
 - . **CAPE KENNEDY LAUNCH COMPLEX**
- RT GROUND SUPPORT EQUIPMENT

CAPE VERDE

- RT AFRICA
 - ATLANTIC OCEAN
 - ISLANDS
 - NATIONS

CAPES (LANDFORMS)

- GS LANDFORMS
 - . **CAPES (LANDFORMS)**
 - . . CAPE HATTERAS (NC)
- RT LAND

∞ CAPILLARIES

- SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)*
- RT CAPILLARIES (ANATOMY)
 - CAPILLARY TUBES

CAPILLARIES (ANATOMY)

- GS ANATOMY
 - . CARDIOVASCULAR SYSTEM
 - . . BLOOD VESSELS
 - . . . **CAPILLARIES (ANATOMY)**
 - . CIRCULATORY SYSTEM
 - . . VASCULAR SYSTEM
 - . . . BLOOD VESSELS
 - . . . **CAPILLARIES (ANATOMY)**
- RT BLOOD
 - ∞ CAPILLARIES

CAPILLARY CIRCULATION

- USE CAPILLARY FLOW

CAPILLARY FLOW

- UF CAPILLARY CIRCULATION
- GS FLUID FLOW
 - . **CAPILLARY FLOW**
- RT BLOOD FLOW
 - LAMINAR FLOW

CAPILLARY TUBES

- RT ∞ CAPILLARIES
 - ∞ TUBES

CAPILLARY WAVES

- GS ELASTIC WAVES
 - . **CAPILLARY WAVES**
 - . . GRAVITY WAVES
 - . . . BAROCLINIC WAVES
 - . . RIPPLES
 - SURFACE WAVES
 - . **CAPILLARY WAVES**
 - . . GRAVITY WAVES
 - . . . BAROCLINIC WAVES
 - . . RIPPLES
- RT INTERFACIAL TENSION
 - TWO DIMENSIONAL FLOW
 - WATER WAVES

∞ CAPS

- SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)*
- RT CAPS (EXPLOSIVES)
 - COVERINGS
 - NOSE CONES
 - POLAR CAPS
 - SEALS (STOPPERS)
 - SPHERICAL CAPS

CAPS (EXPLOSIVES)

- GS EXPLOSIVE DEVICES
 - . INITIATORS (EXPLOSIVES)
 - . . **CAPS (EXPLOSIVES)**
 - IGNITERS
 - . INITIATORS (EXPLOSIVES)
 - . . **CAPS (EXPLOSIVES)**
- RT ∞ CAPS
 - DETONATORS
 - EXPLODING WIRES
 - FUSES (ORDNANCE)
 - PRIMERS (EXPLOSIVES)

∞ CAPSULES

- SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)*
- RT ∞ BUCKETS
 - ∞ CONTAINERS
 - FUEL CAPSULES
 - SHELLS (STRUCTURAL FORMS)
 - SPACE CAPSULES
 - TABLETS
 - TEST CHAMBERS
 - ∞ TEST EQUIPMENT
 - TEST VEHICLES
 - ∞ VESSELS

CAPSULES (SPACECRAFT)

- USE SPACE CAPSULES

CAPTIVE TESTS

- GS **CAPTIVE TESTS**
 - . STATIC TESTS
 - . . STATIC FIRING

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CAPTIVE TESTS-(CONT.)

RT ENGINE TESTS
GROUND TESTS
MISSILE TESTS
PREFIRING TESTS
PRELAUNCH TESTS
∞ TESTS

CAPTURE CROSS SECTIONS

USE ABSORPTION CROSS SECTIONS

CAPTURE EFFECT

RT ABSORPTANCE
∞ ABSORPTION
ELECTRON CAPTURE
FREQUENCY MODULATION
FREQUENCY SYNCHRONIZATION
NUCLEAR CAPTURE
RECOMBINATION REACTIONS
TRAJECTORY ANALYSIS

CAPTURED AIR BUBBLE VEHICLES

GS SURFACE VEHICLES
. CAPTURED AIR BUBBLE VEHICLES
WATER VEHICLES
RT . CAPTURED AIR BUBBLE VEHICLES
HYDROFOIL CRAFT
SURFACE EFFECT SHIPS
SWATH (SHIP)
∞ VEHICLES

CARAVELLE AIRCRAFT

USE SE-210 AIRCRAFT

CARBAMATES (TRADENAME)

GS ALIPHATIC COMPOUNDS
. CARBAMATES (TRADENAME)
. URETHANES
ESTERS
. CARBAMATES (TRADENAME)
. URETHANES
POISONS
. CARBAMATES (TRADENAME)
. URETHANES

CARBAMIDES

GS ALIPHATIC COMPOUNDS
. CARBAMIDES
NITROGEN COMPOUNDS
. AMIDES
. CARBAMIDES

CARBAZOLES

GS HETEROCYCLIC COMPOUNDS
. AZOLES
. PYRROLES
. CARBAZOLES

CARBENES

RT FREE RADICALS

CARBIDES

GS CARBON COMPOUNDS
. CARBIDES
. ALUMINUM CARBIDES
. BORON CARBIDES
. CEMENTITE
. CHROMIUM CARBIDES
. HAFNIUM CARBIDES
. MOLYBDENUM CARBIDES
. NIOBIUM CARBIDES
. SILICON CARBIDES
. TANTALUM CARBIDES
. TITANIUM CARBIDES
. TUNGSTEN CARBIDES
. URANIUM CARBIDES
. VANADIUM CARBIDES
. ZIRCONIUM CARBIDES
RT CERAMIC NUCLEAR FUELS
REFRACTORY MATERIALS

CARBOHYDRATE METABOLISM

GS METABOLISM
. CARBOHYDRATE METABOLISM
. HYPERGLYCEMIA
. HYPOGLYCEMIA
RT DIABETES MELLITUS
HYDROGEN METABOLISM

CARBOHYDRATES

UF SACCHARIDES
GS CARBOHYDRATES
. CITRIC ACID
. FATS

CARBOHYDRATES-(CONT.)

. CHOLINE
. GALACTOKINASE
. GLUCOSIDES
. HEXOKINASE
. NUCLEOSIDES
. ADENINES
. ADENOSINES
. ADENOSINE DIPHOSPHATE
. ADENOSINE TRIPHOSPHATE
. POLYSACCHARIDES
. CELLULOSE
. FORTISAN (TRADEMARK)
. CHITIN
. DEXTRANS
. GLYCOGENS
. STARCHES
. SUGARS
. DEXTRANS
. GALACTOSE
. GLUCOSE
. HEXOSES
. INOSITOLS
. LACTOSE
. MANNITOL
. MONOSACCHARIDES
. RIBOSE
. XYLOSE
. PENTOSE
. RIBOSE
. XYLOSE
. SUCROSE
RT ALCOHOLS
ETHYL ALCOHOL
∞ FOOD
GLYCEROLS
∞ NUTRIENTS
OPTICAL ACTIVITY
∞ OXYGEN COMPOUNDS
PHOTOSYNTHESIS
STEREOCHEMISTRY
SYNTHETIC FOOD

CARBON

GS CHEMICAL ELEMENTS
. CARBON
. CARBON ISOTOPES
. CARBON 12
. CARBON 13
. CARBON 14
. CHARCOAL
. ACTIVATED CARBON
RT BITUMENS
COKE
DECARBURIZATION
DIAMONDS
GRAPHITE
SOOT

CARBON ARCS

GS ELECTRIC CURRENT
. ELECTRIC DISCHARGES
. ELECTRIC ARCS
. CARBON ARCS
RT ARC LAMPS
IMAGE FURNACES

CARBON COMPOUNDS

GS CARBON COMPOUNDS
. CARBIDES
. ALUMINUM CARBIDES
. BORON CARBIDES
. CEMENTITE
. CHROMIUM CARBIDES
. HAFNIUM CARBIDES
. MOLYBDENUM CARBIDES
. NIOBIUM CARBIDES
. SILICON CARBIDES
. TANTALUM CARBIDES
. TITANIUM CARBIDES
. TUNGSTEN CARBIDES
. URANIUM CARBIDES
. VANADIUM CARBIDES
. ZIRCONIUM CARBIDES
CARBONATES
. BASTNASITE
. CALCIUM CARBONATES
. AKERMANITE
. ARAGONITE
. CALCITE
. CHALK
. SPURRITE
. DOLOMITE (MINERAL)
. POLYCARBONATES
. LEXAN (TRADEMARK)

CARBON FIBER REINFORCED PLASTICS

CARBON COMPOUNDS-(CONT.)

. SIDERITES
. SODIUM CARBONATES
. TETRAETHYL ORTHOCARBONATES
. FLUOROPOLYMERS
. HALOCARBONS
. CHLOROCARBONS
RT CARBONACEOUS MATERIALS
∞ GROUP 4A COMPOUNDS
HYDROCARBONS
SWAN BANDS

CARBON CYCLE

GS CYCLES
. CARBON CYCLE
RT ANIMALS
∞ BIOLOGY
BIOMASS
ECOLOGY
ORGANISMS
PLANTS (BOTANY)
VIABILITY

CARBON DIOXIDE

GS CHALCOGENIDES
. OXIDES
. DIOXIDES
. CARBON DIOXIDE
GASES
RT . CARBON DIOXIDE
METABOLIC WASTES
SYNTHANE

CARBON DIOXIDE CONCENTRATION

GS COMPOSITION (PROPERTY)
. CHEMICAL COMPOSITION
. CARBON DIOXIDE CONCENTRATION
CONCENTRATION (COMPOSITION)
. CARBON DIOXIDE CONCENTRATION
GAS COMPOSITION
. CARBON DIOXIDE CONCENTRATION
RT AIR PURIFICATION
ATMOSPHERIC COMPOSITION
DECONTAMINATION
REBREATHING
SPACECRAFT CABIN ATMOSPHERES

CARBON DIOXIDE LASERS

GS STIMULATED EMISSION DEVICES
. LASERS
. GAS LASERS
. CARBON DIOXIDE LASERS
RT CHEMICAL LASERS
CONTINUOUS WAVE LASERS
GAS MASERS
INFRARED LASERS
MACH-ZEHNDER INTERFEROMETERS
MOLECULAR OSCILLATIONS
ORGANIC LASERS
POLAR GASES
POWER TRANSMISSION (LASERS)
PULSED LASERS
Q SWITCHED LASERS
STIMULATED EMISSION
TEA LASERS
WAVEGUIDE LASERS

CARBON DIOXIDE REMOVAL

RT AIR PURIFICATION
DECONTAMINATION
REBREATHING
REMOVAL
SMOKE ABATEMENT

CARBON DIOXIDE TENSION

GS CARBON DIOXIDE TENSION
. HYPERCAPNIA
. HYPOCAPNIA

CARBON DISULFIDE

GS CHALCOGENIDES
. SULFIDES
. DISULFIDES
. CARBON DISULFIDE
SULFUR COMPOUNDS
. SULFIDES
. DISULFIDES
. CARBON DISULFIDE

CARBON FIBER REINFORCED PLASTICS

UF CFRP
GS COMPOSITE MATERIALS
. FIBER COMPOSITES
. CARBON FIBER REINFORCED
PLASTICS

CARBON FIBERS

CARBON FIBER REINFORCED PLASTICS-(CONT.)

PLASTICS
 . CARBON FIBER REINFORCED
 PLASTICS
 RT FIBERS
 GRAPHITE-EPOXY COMPOSITES
 LAY-UP
 REINFORCING FIBERS
 SUPERHYBRID MATERIALS

CARBON FIBERS

GS FIBERS
 . REINFORCING FIBERS
 . CARBON FIBERS
 RT BORON FIBERS
 COMPOSITE MATERIALS
 FIBER COMPOSITES
 FIBER RELEASE
 ∞ FILAMENTS

CARBON ISOTOPES

GS CHEMICAL ELEMENTS
 . CARBON
 . CARBON ISOTOPES
 . . . CARBON 12
 . . . CARBON 13
 . . . CARBON 14
 . NUCLIDES
 . ISOTOPES
 . CARBON ISOTOPES
 . . . CARBON 12
 . . . CARBON 13
 . . . CARBON 14

CARBON LASERS

GS STIMULATED EMISSION DEVICES
 . LASERS
 . CARBON LASERS
 RT CHEMICAL LASERS
 GAS LASERS
 INFRARED LASERS
 LIQUID LASERS
 ORGANIC LASERS
 STIMULATED EMISSION

CARBON MONOXIDE

GS CHALCOGENIDES
 . OXIDES
 . CARBON MONOXIDE
 GASES
 . CARBON MONOXIDE
 RT HOPCALITE (TRADEMARK)
 SMOG
 SYNTHANE

CARBON MONOXIDE LASERS

GS STIMULATED EMISSION DEVICES
 . LASERS
 . GAS LASERS
 . CARBON MONOXIDE LASERS
 RT CHEMICAL LASERS
 CONTINUOUS WAVE LASERS
 INFRARED LASERS
 MOLECULAR OSCILLATIONS
 POWER TRANSMISSION (LASERS)
 STIMULATED EMISSION
 TEA LASERS

CARBON MONOXIDE POISONING

GS DISEASES
 . TOXIC DISEASES
 . CARBON MONOXIDE POISONING
 TOXICITY
 . CARBON MONOXIDE POISONING
 RT CARBOXYHEMOGLOBIN
 FETALITY
 PATHOLOGICAL EFFECTS
 ∞ POISONING

CARBON STARS

GS CELESTIAL BODIES
 . STARS
 . . S STARS
 . . . GIANT STARS
 . . . RED GIANT STARS
 . . . CARBON STARS
 RT SUBGIANT STARS
 WOLF-RAYET STARS

CARBON STEELS

GS ALLOYS
 . IRON ALLOYS
 . STEELS
 . . CARBON STEELS
 . . . LOW CARBON STEELS

CARBON STEELS-(CONT.)

RT HIGH STRENGTH STEELS

CARBON SUBOXIDES

GS CHALCOGENIDES
 . OXIDES
 . CARBON SUBOXIDES
 GASES
 . CARBON SUBOXIDES
 RT ∞ OXYGEN COMPOUNDS

CARBON TETRACHLORIDE

UF TETRACHLOROMETHANE
 GS ALIPHATIC COMPOUNDS
 . CARBON TETRACHLORIDE
 HALOGEN COMPOUNDS
 . CHLORINE COMPOUNDS
 . . CHLORIDES
 . . CARBON TETRACHLORIDE
 . HALIDES
 . . CHLORIDES
 . . CARBON TETRACHLORIDE

CARBON TETRACHLORIDE POISONING

RT INDUSTRIAL SAFETY
 ∞ POISONING
 TOXICITY AND SAFETY HAZARD
 TOXICOLOGY

CARBON TETRAFLUORIDE

GS ALIPHATIC COMPOUNDS
 . CARBON TETRAFLUORIDE
 HALOGEN COMPOUNDS
 . FLUORINE COMPOUNDS
 . . FLUORO COMPOUNDS
 . . . FLUORINE ORGANIC COMPOUNDS
 . . . FLUOROHYDROCARBONS
 . . . CARBON TETRAFLUORIDE
 ORGANIC COMPOUNDS
 . FLUORINE ORGANIC COMPOUNDS
 . . FLUOROHYDROCARBONS
 . . CARBON TETRAFLUORIDE

CARBON 12

GS CHEMICAL ELEMENTS
 . CARBON
 . CARBON ISOTOPES
 . . CARBON 12
 . . NUCLIDES
 . . ISOTOPES
 . . CARBON ISOTOPES
 . . . CARBON 12

CARBON 13

GS CHEMICAL ELEMENTS
 . CARBON
 . CARBON ISOTOPES
 . . CARBON 13
 . . NUCLIDES
 . . ISOTOPES
 . . CARBON ISOTOPES
 . . . CARBON 13

CARBON 14

GS CHEMICAL ELEMENTS
 . CARBON
 . CARBON ISOTOPES
 . . CARBON 14
 . . NUCLIDES
 . . ISOTOPES
 . . CARBON ISOTOPES
 . . . CARBON 14
 . . . RADIOACTIVE ISOTOPES
 . . . CARBON 14

CARBON-CARBON COMPOSITES

GS COMPOSITE MATERIALS
 . CARBON-CARBON COMPOSITES
 RT FIBER COMPOSITES
 FRACTURE STRENGTH
 REINFORCING FIBERS
 THERMAL PROTECTION
 THERMAL RESISTANCE

CARBONACEOUS CHONDRITES

GS CELESTIAL BODIES
 . METEORITES
 . . STONY METEORITES
 . . . CHONDRITES
 . . . CARBONACEOUS CHONDRITES
 RT STONY METEORITES

CARBONACEOUS MATERIALS

GS CARBONACEOUS MATERIALS

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CARBONACEOUS MATERIALS-(CONT.)

RT PEAT
 CARBON COMPOUNDS
 COAL
 CRUDE OIL
 FOSSIL FUELS
 LIGNITE
 ∞ MATERIALS
 ORGANIC MATERIALS
 SOLVENT REFINED COAL

CARBONACEOUS METEORITES

GS CELESTIAL BODIES
 . METEORITES
 . . STONY METEORITES
 . . . CHONDRITES
 . . . CARBONACEOUS METEORITES
 ALAIS METEORITE
 COLD BOKKEVELD METEORITE
 IVUNA METEORITE
 MURRAY METEORITE
 ORGUEIL METEORITE
 TONK METEORITE
 RT EXOBIOLGY
 METEORITIC COMPOSITION

CARBONACEOUS ROCKS

GS SEDIMENTARY ROCKS
 . CARBONACEOUS ROCKS
 . . COAL
 . . . LIGNITE
 RT CARBONATES
 REGOLITH
 ROCKS
 SHATTER CONES
 SOILS

CARBONATES

UF BICARBONATES
 GS CARBON COMPOUNDS
 . CARBONATES
 . . BASTNASITE
 . . CALCIUM CARBONATES
 . . . AKERMANITE
 . . . ARAGONITE
 . . . CALCITE
 . . . CHALK
 . . . SPURRITE
 . . . DOLOMITE (MINERAL)
 . . . POLYCARBONATES
 . . . LEXAN (TRADEMARK)
 . . . SIDERITES
 . . . SODIUM CARBONATES
 . . . TETRAETHYL ORTHOCARBONATES
 RT ALKALIES
 CARBONACEOUS ROCKS
 CARBONIC ACID
 ∞ OXYGEN COMPOUNDS

CARBONIC ACID

GS ACIDS
 . CARBONIC ACID
 RT CARBONATES

CARBONIC ANHYDRASE

GS ENZYMES
 . CARBONIC ANHYDRASE
 PROTEINS
 . CARBONIC ANHYDRASE
 RT ACETAZOLAMIDE

CARBONIZATION

GS CHEMICAL REACTIONS
 . CARBONIZATION
 RT CHARRING
 DECARBONATION

CARBONYL COMPOUNDS

RT ALIPHATIC COMPOUNDS

CARBORANE

GS BORON COMPOUNDS
 . BORON HYDRIDES
 . . BORANES
 . . . CARBORANE
 HYDROGEN COMPOUNDS
 . HYDRIDES
 . . BORON HYDRIDES
 . . . BORANES
 . . . CARBORANE

CARBORUNDUM (TRADEMARK)

RT ABRASIVES
 REFRACTORY MATERIALS

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CARBORUNDUM (TRADEMARK)-(CONT.)

SILICON CARBIDES

CARBOXYHEMOGLOBIN

GS CELLS (BIOLOGY)
 . HEMOGLOBIN
 . . CARBOXYHEMOGLOBIN
 CIRCULATION
 . CARBOXYHEMOGLOBIN
 ORGANOMETALLIC COMPOUNDS
 . HEMOGLOBIN
 . . CARBOXYHEMOGLOBIN
 PROTEINS
 . CARBOXYHEMOGLOBIN
 RT BLOOD CIRCULATION
 CARBON MONOXIDE POISONING
 ERYTHROCYTES

CARBOXYHEMOGLOBIN TEST

GS PHYSIOLOGICAL TESTS
 . CARBOXYHEMOGLOBIN TEST
 RT BLOOD
 HEMATOLOGY

CARBOXYL GROUP

RT CARBOXYLIC ACIDS

CARBOXYLATES

GS ALIPHATIC COMPOUNDS
 . CARBOXYLATES
 ESTERS
 . CARBOXYLATES
 RT CARBOXYLIC ACIDS

CARBOXYLATION

GS CHEMICAL REACTIONS
 . CARBOXYLATION
 RT DECARBOXYLATION

CARBOXYLIC ACIDS

GS ACIDS
 . FATTY ACIDS
 . . CARBOXYLIC ACIDS
 . . ACETIC ACID
 . . . ETHYLENEDIAMINETETRAACETIC
 ACIDS
 VERSENE
 IODOACETIC ACID
 ACETYL SALICYLIC ACID
 BENZILIC ACID
 BENZOIC ACID
 DICARBOXYLIC ACIDS
 TEREPHTHALATE
 OLEIC ACID
 PROPIONIC ACID
 SEBACIC ACID
 VALERIC ACID
 RT ALIPHATIC COMPOUNDS
 CARBOXYL GROUP
 CARBOXYLATES

CARBURETORS

UF INJECTION CARBURETORS
 RT CHOKES (FUEL SYSTEMS)
 CONTACTORS
 ENGINE PARTS
 ENGINES
 FUEL INJECTION
 FUEL SYSTEMS
 INJECTORS
 INTERNAL COMBUSTION ENGINES
 ∞ JET NOZZLES
 MIXERS
 PREMIXED FLAMES
 THROATS

CARBURIZING

GS HARDENING (MATERIALS)
 . CARBURIZING
 RT DECARBURIZATION

CARCINOGENS

RT CANCER
 NEOPLASMS

CARCINOMA

USE CANCER

CARCINOTRONS

GS AMPLIFIERS
 . CARCINOTRONS
 ELECTRON TUBES
 . VACUUM TUBES
 . . VACUUM TUBE OSCILLATORS

CARCINOTRONS-(CONT.)

. . . MICROWAVE TUBES
 PLANOTRONS
 CARCINOTRONS
 TRAVELING WAVE TUBES
 CARCINOTRONS
 MICROWAVE EQUIPMENT
 . MICROWAVE TUBES
 . . PLANOTRONS
 . . . CARCINOTRONS
 . . . TRAVELING WAVE TUBES
 . . . CARCINOTRONS
 OSCILLATORS
 . VACUUM TUBE OSCILLATORS
 . . MICROWAVE TUBES
 . . . PLANOTRONS
 CARCINOTRONS
 RT HELITRONS

CARDIAC AURICLES

GS ANATOMY
 . CARDIOVASCULAR SYSTEM
 . . HEART
 . . . CARDIAC AURICLES
 RT HIS BUNDLE

CARDIAC VENTRICLES

GS ANATOMY
 . CARDIOVASCULAR SYSTEM
 . . HEART
 . . . CARDIAC VENTRICLES
 RT DIASTOLIC PRESSURE
 ECHOCARDIOGRAPHY
 HIS BUNDLE
 SYSTOLE

CARDIOGRAMS

RT BIOMEDICAL DATA
 CARDIOGRAPHY
 HEART

CARDIOGRAPHY

GS BIOENGINEERING
 . BIOMETRICS
 . . CARDIOGRAPHY
 . . . BALLISTOCARDIOGRAPHY
 . . . ELECTROCARDIOGRAPHY
 . . . MAGNETOCARDIOGRAPHY
 . . . PHONOCARDIOGRAPHY
 . . . ECHOCARDIOGRAPHY
 . . . SEISMOCARDIOGRAPHY
 . . . VECTORCARDIOGRAPHY
 RT CARDIOGRAMS
 CARDIOVASCULAR SYSTEM
 HEART
 HEART DISEASES
 MEDICAL EQUIPMENT
 PHYSIOLOGICAL TESTS

CARDIOLOGY

RT ANGIOGRAPHY
 ARTIFICIAL CARDIAC PACEMAKER
 HEART
 HEART DISEASES
 HEART RATE

CARDIOTACHOMETERS

GS MEDICAL EQUIPMENT
 . CARDIOTACHOMETERS
 RT HEART

CARDIOVASCULAR SYSTEM

GS ANATOMY
 . CARDIOVASCULAR SYSTEM
 . . BLOOD VESSELS
 . . . ARTERIES
 AORTA
 CAPILLARIES (ANATOMY)
 . . . GLOMERULUS
 . . . VEINS
 . . . CORPUSCLES
 . . . DIASTOLE
 . . . ERYTHROCYTES
 . . . RETICULOCYTES
 . . . HEART
 . . . CARDIAC AURICLES
 . . . CARDIAC VENTRICLES
 . . . EPICARDIUM
 . . . MYOCARDIUM
 . . . HEMATOPOIESIS
 . . . HEMATOPOIETIC SYSTEM
 . . . LEUKOCYTES
 . . . EOSINOPHILS
 . . . LYMPHOCYTES
 . . . SYSTOLE

CARGO AIRCRAFT

CARDIOVASCULAR SYSTEM-(CONT.)

. . THROMBIN
 . . THROMBOPLASTIN
 RT ANGIOGRAPHY
 BLOOD
 BLOOD VOLUME
 CARDIOGRAPHY
 CAROTID SINUS BODY
 CAROTID SINUS REFLEX
 CEREBRAL VASCULAR ACCIDENTS
 CIRCULATORY SYSTEM
 FAT EMBOLISMS
 HEMODYNAMICS
 HEMORRHAGES
 LOWER BODY NEGATIVE PRESSURE
 VASCULAR SYSTEM

CARDS

GS CARDS
 . PUNCHED CARDS
 RT COMPUTER STORAGE DEVICES
 DATA STORAGE

CARET WINGS

GS AIRFOILS
 . WINGS
 . . CARET WINGS
 PLANFORMS
 . CARET WINGS
 RT ARROW WINGS
 DELTA WINGS

CARETS (TEST SITE)

USE CENTRAL ATLANTIC REGIONAL ECOL
 TEST SITE

CARGO

UF FREIGHT
 GS CARGO
 . AIR CARGO
 . . AIR MAIL
 . . BAGGAGE
 RT AIR DROP OPERATIONS
 AIRDROPS
 DELIVERY
 FREIGHT COSTS
 HARBORS
 HAULING
 MATERIALS HANDLING
 RAILROAD HUMMING TESTS
 RAPID TRANSIT SYSTEMS
 TRANSPORTATION
 TRANSPORTATION ENERGY
 TRUCKS

CARGO AIRCRAFT

GS TRANSPORT AIRCRAFT
 . CARGO AIRCRAFT
 . . BREGUET 941 AIRCRAFT
 . . BREGUET 942 AIRCRAFT
 . . C-1A AIRCRAFT
 . . C-2 AIRCRAFT
 . . C-5 AIRCRAFT
 . . C-9 AIRCRAFT
 . . C-46 AIRCRAFT
 . . C-47 AIRCRAFT
 . . C-54 AIRCRAFT
 . . C-97 AIRCRAFT
 . . C-118 AIRCRAFT
 . . C-119 AIRCRAFT
 . . C-121 AIRCRAFT
 . . C-123 AIRCRAFT
 . . C-124 AIRCRAFT
 . . C-130 AIRCRAFT
 . . C-131 AIRCRAFT
 . . C-133 AIRCRAFT
 . . C-135 AIRCRAFT
 . . C-140 AIRCRAFT
 . . C-141 AIRCRAFT
 . . C-160 AIRCRAFT
 . . CL-44 AIRCRAFT
 . . DC 3 AIRCRAFT
 . . DC 7 AIRCRAFT
 . . F-27 AIRCRAFT
 . . P-166 AIRCRAFT
 . . SPANLOADER AIRCRAFT
 . . YC-14 AIRCRAFT
 RT AIR CARGO
 ∞ AIRCRAFT
 BOEING 727 AIRCRAFT
 BOEING 737 AIRCRAFT
 BOEING 767 AIRCRAFT
 COMMERCIAL AIRCRAFT
 HEAVY LIFT HELICOPTERS
 JET AIRCRAFT

CARGO SHIPS

CARGO AIRCRAFT-(CONT.)

L-1649 AIRCRAFT
MATERIALS HANDLING
MERCURE AIRCRAFT
MH-262 AIRCRAFT
∞ MILITARY AIRCRAFT
MONOPLANES
N-2501 AIRCRAFT
PASSENGER AIRCRAFT
SA-3210 HELICOPTER
SC-7 AIRCRAFT
SUPERSONIC TRANSPORTS
T-39 AIRCRAFT
TU-154 AIRCRAFT
U-3 AIRCRAFT
UTILITY AIRCRAFT
VC-10 AIRCRAFT

CARGO SHIPS

UF LOTS CARGO SHIPS
GS SURFACE VEHICLES
∞ CARGO SHIPS
∞ SAVANNAH NUCLEAR SHIP
∞ TANKER SHIPS
WATER VEHICLES
SHIPS
∞ CARGO SHIPS
∞ SAVANNAH NUCLEAR SHIP
∞ TANKER SHIPS
RT ARTIFICIAL HARBORS
DEEPWATER TERMINALS
NUCLEAR POWERED SHIPS
OFFSHORE DOCKING
OFFSHORE PLATFORMS
SHIPYARDS
TANKER TERMINALS
WHARVES

CARGO SPACECRAFT

RT FERRY SPACECRAFT
∞ SPACECRAFT

CARGOMASTER AIRCRAFT

USE C-133 AIRCRAFT

CARIBBEAN SEA

GS SEAS
∞ CARIBBEAN SEA
RT BELIZE
CUBA
DOMINICAN REPUBLIC
GULF STREAM
HAITI
PANAMA CANAL ZONE
VIRGIN ISLANDS

CARIBOU AIRCRAFT

USE DHC 4 AIRCRAFT

CARIBOUS

GS ANIMALS
∞ VERTEBRATES
∞ MAMMALS
∞ DEER
∞ CARIBOUS

CARNITINE

GS HETEROCYCLIC COMPOUNDS
∞ CARNITINE
VITAMINS
∞ CARNITINE

CARNOT CYCLE

GS CYCLES
∞ THERMODYNAMIC CYCLES
∞ CARNOT CYCLE
RT ADIABATIC CONDITIONS
RANKINE CYCLE
STIRLING CYCLE

CAROTENE

GS HYDROCARBONS
∞ CAROTENE
PIGMENTS
∞ CAROTENE
RT RETINENE
SKIN (ANATOMY)

CAROTID SINUS BODY

RT ARTERIES
BLOOD VESSELS
CARDIOVASCULAR SYSTEM
CAROTID SINUS REFLEX
CHEMORECEPTORS

CAROTID SINUS BODY-(CONT.)

CIRCULATORY SYSTEM
NERVES
SINUSES
VASCULAR SYSTEM

CAROTID SINUS REFLEX

GS REFLEXES
∞ CAROTID SINUS REFLEX
RT ARTERIES
BLOOD VESSELS
CARDIOVASCULAR SYSTEM
CAROTID SINUS BODY
CIRCULATORY SYSTEM
NERVES
SINUSES
VASCULAR SYSTEM

CARPATHIAN MOUNTAINS (EUROPE)

GS LANDFORMS
∞ MOUNTAINS
∞ CARPATHIAN MOUNTAINS (EUROPE)
RT EUROPE

CARRIAGES

RT CARTS
CHASSIS
DOLLIES
FRAMES
LANDING GEAR
SUPPORTS
UNDERCARRIAGES

CARRIER DENSITY (SOLID STATE)

GS DENSITY (NUMBER/VOLUME)
∞ PARTICLE DENSITY (CONCENTRATION)
∞ ELECTRON DENSITY
(CONCENTRATION)
∞ CARRIER DENSITY (SOLID STATE)
RT ACCEPTOR MATERIALS
CARRIER TRANSPORT (SOLID STATE)
∞ CARRIERS
DONOR MATERIALS
ELECTRON-HOLE DROPS
SEMICONDUCTORS (MATERIALS)
ZENER EFFECT

CARRIER FREQUENCIES

GS FREQUENCIES
∞ CARRIER FREQUENCIES
RT CARRIER TO NOISE RATIOS
FREQUENCY DIVISION MULTIPLEXING
HARMONIC GENERATIONS
MODULATION
MULTIPLEXING
RADIO FREQUENCIES
SINGLE CHANNEL PER CARRIER
TRANSMISSION
SWEEP FREQUENCY
UNIFIED S BAND

CARRIER INJECTION

GS INJECTION
∞ CARRIER INJECTION
RT ADDITIVES
BARRITT DIODES
BIPOLAR TRANSISTORS
CHARGE CARRIERS
CHARGE TRANSFER
ION INJECTION
MAJORITY CARRIERS
MINORITY CARRIERS
RADIATIVE RECOMBINATION
SEMICONDUCTORS (MATERIALS)
SUHL EFFECT
TRAVELING SOLVENT METHOD

CARRIER MOBILITY

GS TRANSPORT PROPERTIES
∞ CARRIER MOBILITY
∞ ELECTRON MOBILITY
∞ HOLE MOBILITY
RT ELECTRICAL RESISTIVITY
EXCITONS
HALL EFFECT
ION IMPLANTATION
SUPERCONDUCTORS

CARRIER MODULATION

USE MODULATION

CARRIER ROCKETS

USE LAUNCH VEHICLES

NASA THESAURUS (VOLUME 1)

CARRIER SYSTEMS

USE WIRELESS COMMUNICATION

CARRIER TO NOISE RATIOS

RT CARRIER FREQUENCIES
COMMUNICATION SATELLITES
DATA TRANSMISSION
DOWNLINKING
EARTH TERMINALS
FREQUENCY MODULATION
SIGNAL TO NOISE RATIOS
TRANSMISSION EFFICIENCY
UPLINKING

CARRIER TRANSPORT (SOLID STATE)

RT CARRIER DENSITY (SOLID STATE)
ENERGY CONVERSION EFFICIENCY
SOLAR CELLS

CARRIER WAVES

UF SUBCARRIER WAVES
RT MODULATION
RADIO SPECTRA

∞ CARRIERS

SN (USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)
RT AIRCRAFT CARRIERS
CARRIER DENSITY (SOLID STATE)
CHARGE CARRIERS
ZENER EFFECT

CARTAN SPACE

RT COMPRESSIBLE FLOW
FLUID FLOW
POTENTIAL FLOW
∞ SPACE

CARTESIAN COORDINATES

UF RECTANGULAR COORDINATES
GS COORDINATES
∞ CARTESIAN COORDINATES
GEOMETRY
∞ EUCLIDEAN GEOMETRY
∞ CARTESIAN COORDINATES
RT OBLIQUE COORDINATES

CARTILAGE

GS ANATOMY
∞ MUSCULOSKELETAL SYSTEM
∞ BONES
∞ CARTILAGE
∞ CONNECTIVE TISSUE
∞ CARTILAGE
RT LARYNX

CARTOGRAPHY

USE MAPPING

CARTRIDGE ACTUATED DEVICES

USE ACTUATORS
EXPLOSIVE DEVICES

CARTRIDGES

RT CASES (CONTAINERS)
∞ CONTAINERS
PACKAGES
PROJECTILES
PROPELLANTS

CARTS

RT CARRIAGES
MATERIALS HANDLING
UNDERCARRIAGES

CASCADE CONTROL

UF MULTILoop SYSTEMS
GS AUTOMATIC CONTROL
∞ FEEDBACK CONTROL
∞ CASCADE CONTROL
RT ∞ CASCADES
ELECTRONIC CONTROL
REMOTE CONTROL

CASCADE FLOW

GS FLUID FLOW
∞ CASCADE FLOW
RT ∞ CASCADES
OUTLET FLOW
TURBOMACHINE BLADES

CASCADE RANGE (CA-OR-WA)

GS LAND

- CASCADE RANGE (CA-OR-WA)-(CONT.)**
 . CASCADE RANGE (CA-OR-WA)
 . LANDFORMS
 . MOUNTAINS
 . . CASCADE RANGE (CA-OR-WA)
 RT CALIFORNIA
 OREGON
 UNITED STATES OF AMERICA
 WASHINGTON
- CASCADE WIND TUNNELS**
 GS TEST FACILITIES
 . WIND TUNNELS
 . . HYPERSONIC WIND TUNNELS
 . . . CASCADE WIND TUNNELS
 . . . HYPERVELOCITY WIND TUNNELS
 . . . CASCADE WIND TUNNELS
 RT HYPERSONIC FLOW
 SHOCK TUNNELS
- ∞ CASCADES**
 SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)*
 RT CASCADE CONTROL
 CASCADE FLOW
 CIRCUITS
 COSMIC RAY SHOWERS
 ELECTRON PHOTON CASCADES
- CASCADES (FLUID DYNAMICS)**
 USE FLUID DYNAMICS
- CASCODE MOSFET**
 USE FIELD EFFECT TRANSISTORS
- CASE BONDED PROPELLANTS**
 GS PROPELLANTS
 . SOLID PROPELLANTS
 . . CASE BONDED PROPELLANTS
 RT AMMUNITION
 COMPOSITE PROPELLANTS
 EXPLOSIVES
 HYBRID PROPELLANTS
 INHIBITORS
 PLASTICIZERS
 SOLID ROCKET PROPELLANTS
- CASE HISTORIES**
 GS HISTORIES
 . CASE HISTORIES
 RT ANTHROPOLOGY
 BIOGRAPHY
 CLINICAL MEDICINE
 DOCUMENTATION
 ETIOLOGY
 PHENOMENOLOGY
 RECORDS
 SOCIOLOGY
- CASES (CONTAINERS)**
 GS CASES (CONTAINERS)
 . ROCKET ENGINE CASES
 RT BOXES (CONTAINERS)
 CARTRIDGES
 ∞ CONTAINERS
 MISSILE BODIES
 PACKAGES
 ∞ SHELVES
- ∞ CASING**
 SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)*
 RT COVERINGS
 ENCLOSURE
 JACKETS
 LININGS
 PIPES (TUBES)
 SHEATHS
- CASKS**
 USE BARRELS (CONTAINERS)
- CASPIAN SEA**
 GS SEAS
 . CASPIAN SEA
 RT COASTS
- CASSEGRAIN ANTENNAS**
 GS ANTENNAS
 . CASSEGRAIN ANTENNAS
 RT ANTENNA DESIGN
- CASSEGRAIN ANTENNAS-(CONT.)**
 PARABOLIC ANTENNAS
 SUBREFLECTORS
 TWO REFLECTOR ANTENNAS
- CASSEGRAIN OPTICS**
 RT FIBER OPTICS
 GEOMETRICAL OPTICS
 MIRRORS
 ∞ OPTICS
 REFLECTING TELESCOPES
- CASSIOPEIA A**
 GS CELESTIAL BODIES
 . NEBULAE
 . . CASSIOPEIA A
 . . RADIO SOURCES (ASTRONOMY)
 . . CASSIOPEIA A
 RT ORION NEBULA
- CASSIOPEIA CONSTELLATION**
 GS CONSTELLATIONS
 . CASSIOPEIA CONSTELLATION
- CAST ALLOYS**
 GS ALLOYS
 . CAST ALLOYS
 RT CASTINGS
 MECHANICAL PROPERTIES
 MICROSTRUCTURE
 RHEOCASTING
- CASTIGLIANO VARIATIONAL THEOREM**
 GS THEOREMS
 . CASTIGLIANO VARIATIONAL THEOREM
 RT CALCULUS OF VARIATIONS
 ENERGY METHODS
 EULER-LAGRANGE EQUATION
 STRESS ANALYSIS
 STRUCTURAL ANALYSIS
- CASTING**
 GS FORMING TECHNIQUES
 . CASTING
 . . CENTRIFUGAL CASTING
 . . INVESTMENT CASTING
 . . PROPELLANT CASTING
 . . RHEOCASTING
 . . SLIP CASTING
 RT BAKING
 BILLETS
 DIES
 EXTRUDING
 FORGING
 INCLUSIONS
 INGOTS
 LIQUID METALS
 MELTING
 METAL WORKING
 ∞ METALLURGY
 MICROSTRUCTURE
 MOLDING MATERIALS
 MOLDS
 PINHOLES
 POLYMERIC FILMS
 POURING
 PULTRUSION
 SHRINKAGE
 SOLIDIFICATION
- CASTING SOLVENTS**
 USE PLASTICIZERS
- CASTINGS**
 GS CASTINGS
 . INGOTS
 . PROPELLANT CASTING
 RT BILLETS
 CAST ALLOYS
 DEFECTS
 DEGASSING
 FLAT PATTERNS
 INCLUSIONS
 MICROSTRUCTURE
 MOLDS
 PINHOLES
 POURING
 RISERS
 SOLIDIFICATION
- CASTOR OIL**
 GS ALIPHATIC COMPOUNDS
 . CASTOR OIL
 LIPIDS
- CASTOR OIL-(CONT.)**
 . CASTOR OIL
 OILS
 . CASTOR OIL
 ORGANIC COMPOUNDS
 . CASTOR OIL
 FATTY ACIDS
 RT
- CASTOR 2 ENGINE**
 USE TX-354 ENGINE
- CASTS**
 RT DAMAGE ASSESSMENT
 GAUZE
 PLASTERS
 SPLINTS
- CASUALTIES**
 RT DEATH
 DISASTERS
 EVACUATING (TRANSPORTATION)
- CATABOLISM**
 GS METABOLISM
 . CATABOLISM
 RT PHYSIOLOGY
- CATALASE**
 GS ENZYMES
 . CATALASE
 RT CELLS (BIOLOGY)
 PROTEINS
- ∞ CATALOGS**
 SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)*
 RT CATALOGS (PUBLICATIONS)
 HARDWARE UTILIZATION LISTS
 INDEXES (DOCUMENTATION)
 LISTS
- CATALOGS (PUBLICATIONS)**
 GS DOCUMENTS
 . CATALOGS (PUBLICATIONS)
 . . ASTRONOMICAL CATALOGS
 RT ∞ CATALOGS
 CATEGORIES
 DOCUMENTATION
 INFORMATION DISSEMINATION
 LIBRARIES
- CATALYSIS**
 GS CATALYSIS
 . AUTOCATALYSIS
 RT ∞ ACCELERATION
 ACTIVATION
 CATALYTIC ACTIVITY
 CRACKING (CHEMICAL ENGINEERING)
 REACTION KINETICS
- CATALYSTS**
 GS CATALYSTS
 . ELECTROCATALYSTS
 . HOPCALITE (TRADEMARK)
 . ZIEGLER CATALYST
 RT ACCELERATING AGENTS
 ADDITIVES
 ADMIXTURES
 COAL DERIVED GASES
 COAL DERIVED LIQUIDS
 ENZYMES
 GRIGNARD REACTIONS
 HIGH ENERGY FUELS
 INHIBITORS
 ∞ INITIATORS
 PLATINUM BLACK
 PROPELLANT ADDITIVES
 RETARDANTS
- CATALYTIC ACTIVITY**
 RT ACTIVITY (BIOLOGY)
 CATALYSIS
 CRACKING (CHEMICAL ENGINEERING)
- CATAPULTS**
 GS LAUNCHERS
 . CATAPULTS
 . . ROCKET CATAPULTS
 RT AIRCRAFT LAUNCHING DEVICES
 MISSILE LAUNCHERS
 SEA LAUNCHING

CATARACTS

CATARACTS

GS DISEASES
 . EYE DISEASES
 . . CATARACTS
 RT LENSES

CATASTROPHE THEORY

RT DISCONTINUITY
 DIVERGENCE
 PREDICTIONS
 ∞ THEORIES
 TOPOLOGY

CATCHERS

RT ELECTRON BUNCHING
 KLYSTRONS
 OUTPUT

CATCHMENT AREAS

USE WATERSHEDS

CATECHOLAMINE

GS AMINES
 . CATECHOLAMINE

CATEGORIES

RT CATALOGS (PUBLICATIONS)
 CLASSES
 ∞ GROUPS
 ∞ SECTIONS

CATENARIES

GS GEOMETRY
 . CURVES (GEOMETRY)
 . . CATENARIES
 . EUCLIDEAN GEOMETRY
 . . ANALYTIC GEOMETRY
 . . . CATENARIES

CATHETERIZATION

RT BLOOD VESSELS
 INTRAVENOUS PROCEDURES

CATHETOMETERS

GS MEASURING INSTRUMENTS
 . OPTICAL MEASURING INSTRUMENTS
 . . CATHETOMETERS
 OPTICAL EQUIPMENT
 . OPTICAL MEASURING INSTRUMENTS
 . . CATHETOMETERS

CATHODE GLOW

GS DECAY
 . EMISSION
 . . LIGHT EMISSION
 . . . LUMINESCENCE
 CATHODE GLOW
 RT CATHODOLUMINESCENCE
 GLOW DISCHARGES
 RAREFIED PLASMAS

CATHODE RAY TUBES

GS ELECTRON TUBES
 . VACUUM TUBES
 . . VACUUM TUBE OSCILLATORS
 . . . CATHODE RAY TUBES
 PICTURE TUBES
 OSCILLATORS
 . VACUUM TUBE OSCILLATORS
 . . CATHODE RAY TUBES
 . . . PICTURE TUBES
 RT DISPLAY DEVICES
 ELECTRON GUNS
 ELECTRON OPTICS
 IMAGE TUBES
 MAGNETIC LENSES
 OSCILLOSCOPES
 PRINTERS
 TELEVISION EQUIPMENT
 VIDEO EQUIPMENT

CATHODES

GS ELECTRODES
 . CATHODES
 . . CELL CATHODES
 . . HOLLOW CATHODES
 . . TUBE CATHODES
 . . . COLD CATHODES
 . . . HOT CATHODES
 . . . PHOTOCATHODES
 . . . THERMIONIC CATHODES
 . . . TUNNEL CATHODES
 RT ANODES
 COLD CATHODE TUBES

CATHODES-(CONT.)

ELECTRON EMISSION
 ∞ FILAMENTS
 FREQUENCY MODULATION
 PHOTOMULTIPLIERS
 PHOTOMULTIPLIER TUBES
 PHOTOTUBES
 THERMIONICS
 TUBE ANODES

CATHODIC COATINGS

GS COATINGS
 . CATHODIC COATINGS
 RT ANODIC COATINGS
 CLADDING
 ELECTRODEPOSITION
 ELECTROPLATING
 METAL OXIDES
 OXIDE FILMS
 OXIDES
 PLATING

CATHODOLUMINESCENCE

GS DECAY
 . EMISSION
 . . LIGHT EMISSION
 . . . LUMINESCENCE
 CATHODOLUMINESCENCE
 RT CATHODE GLOW
 EMISSION
 LIGHT SOURCES
 VISIBLE SPECTRUM

CATHOLYTES

GS CONDUCTORS
 . ELECTROLYTES
 . . CATHOLYTES
 RT ANOLYTES
 CELL CATHODES
 DIAPHRAGMS (MECHANICS)

CATIONS

GS IONS
 . CATIONS
 . . METAL IONS
 . . . FERRIC IONS
 . . . MANGANESE IONS
 . . . VANADYL RADICAL
 PARTICLES
 . CHARGED PARTICLES
 . . CATIONS
 . . . METAL IONS
 . . . FERRIC IONS
 . . . MANGANESE IONS
 RT ANIONS
 CELL CATHODES
 IONIC MOBILITY
 POSITIVE IONS

CATS

GS ANIMALS
 . VERTEBRATES
 . . MAMMALS
 . . . CATS

CATT DEVICES

UF CONTROLLED AVALANCHE TRANSIT
 TIME DEVICES
 RT ELECTRON AVALANCHE
 POWER GAIN
 TRANSIT TIME
 TRIODES

CATTLE

GS ANIMALS
 . VERTEBRATES
 . . MAMMALS
 . . . CATTLE
 . . . CALVES
 RT GRAZING
 LIVESTOCK
 RANGELANDS

CAUCASUS MOUNTAINS (U.S.S.R.)

GS LANDFORMS
 . MOUNTAINS
 . . CAUCASUS MOUNTAINS (U.S.S.R.)
 RT U.S.S.R.

CAUCHY INTEGRAL FORMULA

GS ANALYSIS (MATHEMATICS)
 . COMPLEX VARIABLES
 . . CAUCHY INTEGRAL FORMULA

NASA THESAURUS (VOLUME 1)

CAUCHY PROBLEM

UF RIEMANN PROBLEM
 GS BOUNDARY VALUE PROBLEMS
 . CAUCHY PROBLEM
 RT DIFFERENTIAL EQUATIONS
 ∞ PROBLEMS

CAUCHY-RIEMANN EQUATIONS

GS ANALYSIS (MATHEMATICS)
 . REAL VARIABLES
 . . DIFFERENTIAL EQUATIONS
 . . . CAUCHY-RIEMANN EQUATIONS
 RT ANALYTIC FUNCTIONS
 PARTIAL DIFFERENTIAL EQUATIONS

CAULKING

RT MOISTURE RESISTANCE
 PLUGGING
 SEALING
 WATERPROOFING

CAUSES

RT ∞ EFFECTS
 ETIOLOGY
 ∞ ORIGINS
 ∞ SOURCES

CAUSTIC LINES

RT FLIGHT PATHS
 SHOCK WAVES
 SONIC BOOMS
 SUPERSONIC FLIGHT
 WAVE FRONTS

CAUSTICS

USE ALKALIES

CAUSTICS (OPTICS)

RT DIFFRACTION
 FRACTURE MECHANICS
 POLARIZED RADIATION
 ∞ RAYS
 SURFACE DEFECTS

CAVES

RT CAVITIES
 KARST
 KETTLES (GEOLOGY)
 UNDERGROUND STRUCTURES

CAVITATION

USE CAVITATION FLOW

CAVITATION CORROSION

GS CORROSION
 . CAVITATION CORROSION

CAVITATION FLOW

UF CAVITATION
 GASEOUS CAVITATION
 GS FLUID FLOW
 . TURBULENT FLOW
 . . CAVITATION FLOW
 RT BUBBLES
 EROSION
 FLOW DISTRIBUTION
 IMPINGEMENT
 SEPARATED FLOW
 SUPERCAVITATING FLOW
 ULTRASONIC CLEANING
 VORTICES
 WAKES
 WATER

CAVITIES

UF BORES
 RT APERTURES
 BOREHOLES
 CAVES
 ∞ CELLS
 CRACK GEOMETRY
 CRACKS
 DEFECTS
 DUCTS
 GAS POCKETS
 HOLE DISTRIBUTION (MECHANICS)
 ∞ HOLES
 ∞ HOLLOW
 INTERSTICES
 KARST
 KETTLES (GEOLOGY)
 LEAKAGE
 OPENINGS
 ORIFICES

NASA THESAURUS (VOLUME 1)

CAVITIES-(CONT.)

OUTLETS
PASSAGEWAYS
PERFORATED PLATES
PERFORATED SHELLS
∞ PERFORATION
PORTS (OPENINGS)
RECESSES
TOOTH DISEASES
VENTS
VOIDS

CAVITY RESONATORS

UF RESONANT CAVITIES
GS RESONATORS
RT CAVITY RESONATORS
CIRCULATORS (PHASE SHIFT CIRCUITS)
CYCLOTRON RESONANCE DEVICES
ELECTRON TUBES
HELMHOLTZ RESONATORS
KLYSTRONS
MAGNETRONS
MICROWAVE RESONANCE
MULTIMODE RESONATORS
OSCILLATORS
RESONANT FREQUENCIES
TRAVELING WAVE MASERS
VELOCITY MODULATION

CAVITY VAPOR GENERATORS

RT ∞ GENERATORS
VAPORIZERS
VAPORS

CAYS

USE KEYS (ISLANDS)

CC-106 AIRCRAFT

USE CL-44 AIRCRAFT

CCD

USE CHARGE COUPLED DEVICES

CCD STAR TRACKER

UF STELLAR (STAR TRACKER)
GS TRACKING (POSITION)
STAR TRACKERS
CCD STAR TRACKER
RT CELESTIAL NAVIGATION
CHARGE COUPLED DEVICES
SPACECRAFT GUIDANCE

CCD-450 MEMORY

USE FAIRCHILD CCD-450 MEMORY DEVICE

CDC COMPUTERS

GS DATA PROCESSING EQUIPMENT
COMPUTERS
CDC COMPUTERS
CDC CYBER 74 COMPUTER
CDC CYBER 170 SERIES
COMPUTERS
CDC CYBER 175 COMPUTER
CDC CYBER 174 COMPUTER
CDC CYBER 203 COMPUTER
CDC STAR 100 COMPUTER
CDC 160-A COMPUTER
CDC 1604 COMPUTER
CDC 3000 COMPUTER
CDC 3100 COMPUTER
CDC 3200 COMPUTER
CDC 3600 COMPUTER
CDC 3800 COMPUTER
CDC 6000 SERIES COMPUTERS
CDC 6400 COMPUTER
CDC 6600 COMPUTER
CDC 6700 COMPUTER
CDC 7000 SERIES COMPUTERS
CDC 7600 COMPUTER
CDC 8090 COMPUTER
RT DIGITAL COMPUTERS

CDC CYBER 74 COMPUTER

UF CYBER 74 COMPUTER
GS DATA PROCESSING EQUIPMENT
COMPUTERS
CDC COMPUTERS
CDC CYBER 74 COMPUTER
DIGITAL COMPUTERS
CDC CYBER 74 COMPUTER

CDC CYBER 170 SERIES COMPUTERS

GS DATA PROCESSING EQUIPMENT
COMPUTERS

CDC CYBER 170 SERIES COMPUTERS-(CONT.)

CDC COMPUTERS
CDC CYBER 170 SERIES
COMPUTERS
CDC CYBER 175 COMPUTER
DIGITAL COMPUTERS
CDC CYBER 170 SERIES
COMPUTERS

CDC CYBER 174 COMPUTER

GS DATA PROCESSING EQUIPMENT
COMPUTERS
CDC COMPUTERS
CDC CYBER 174 COMPUTER
DIGITAL COMPUTERS
CDC CYBER 174 COMPUTER

CDC CYBER 175 COMPUTER

GS DATA PROCESSING EQUIPMENT
COMPUTERS
CDC COMPUTERS
CDC CYBER 170 SERIES
COMPUTERS
CDC CYBER 175 COMPUTER

CDC CYBER 203 COMPUTER

GS DATA PROCESSING EQUIPMENT
COMPUTERS
CDC COMPUTERS
CDC CYBER 203 COMPUTER
DIGITAL COMPUTERS
CDC CYBER 203 COMPUTER

CDC STAR 100 COMPUTER

GS DATA PROCESSING EQUIPMENT
COMPUTERS
CDC COMPUTERS
CDC STAR 100 COMPUTER
DIGITAL COMPUTERS
CDC STAR 100 COMPUTER

CDC 160-A COMPUTER

GS DATA PROCESSING EQUIPMENT
COMPUTERS
CDC COMPUTERS
CDC 160-A COMPUTER
DIGITAL COMPUTERS
CDC 160-A COMPUTER

CDC 1604 COMPUTER

GS DATA PROCESSING EQUIPMENT
COMPUTERS
CDC COMPUTERS
CDC 1604 COMPUTER
DIGITAL COMPUTERS
CDC 1604 COMPUTER

CDC 3000 COMPUTER

GS DATA PROCESSING EQUIPMENT
COMPUTERS
CDC COMPUTERS
CDC 3000 COMPUTER
DIGITAL COMPUTERS
CDC 3000 COMPUTER

CDC 3100 COMPUTER

GS DATA PROCESSING EQUIPMENT
COMPUTERS
CDC COMPUTERS
CDC 3100 COMPUTER
DIGITAL COMPUTERS
CDC 3100 COMPUTER

CDC 3200 COMPUTER

GS DATA PROCESSING EQUIPMENT
COMPUTERS
CDC COMPUTERS
CDC 3200 COMPUTER
DIGITAL COMPUTERS
CDC 3200 COMPUTER

CDC 3600 COMPUTER

GS DATA PROCESSING EQUIPMENT
COMPUTERS
CDC COMPUTERS
CDC 3600 COMPUTER
DIGITAL COMPUTERS
CDC 3600 COMPUTER

CDC 3800 COMPUTER

GS DATA PROCESSING EQUIPMENT
COMPUTERS
CDC COMPUTERS
CDC 3800 COMPUTER

CEILING (AIRCRAFT CAPABILITY)

CDC 3800 COMPUTER-(CONT.)

DIGITAL COMPUTERS
CDC 3800 COMPUTER

CDC 6000 SERIES COMPUTERS

GS DATA PROCESSING EQUIPMENT
COMPUTERS
CDC COMPUTERS
CDC 6000 SERIES COMPUTERS
CDC 6400 COMPUTER
CDC 6600 COMPUTER
CDC 6700 COMPUTER
DIGITAL COMPUTERS
CDC 6000 SERIES COMPUTERS
CDC 6400 COMPUTER
CDC 6600 COMPUTER
CDC 6700 COMPUTER

CDC 6400 COMPUTER

GS DATA PROCESSING EQUIPMENT
COMPUTERS
CDC COMPUTERS
CDC 6000 SERIES COMPUTERS
CDC 6400 COMPUTER
DIGITAL COMPUTERS
CDC 6000 SERIES COMPUTERS
CDC 6400 COMPUTER

CDC 6600 COMPUTER

GS DATA PROCESSING EQUIPMENT
COMPUTERS
CDC COMPUTERS
CDC 6000 SERIES COMPUTERS
CDC 6600 COMPUTER
DIGITAL COMPUTERS
CDC 6000 SERIES COMPUTERS
CDC 6600 COMPUTER

CDC 6700 COMPUTER

GS DATA PROCESSING EQUIPMENT
COMPUTERS
CDC COMPUTERS
CDC 6000 SERIES COMPUTERS
CDC 6700 COMPUTER
DIGITAL COMPUTERS
CDC 6000 SERIES COMPUTERS
CDC 6700 COMPUTER

CDC 7000 SERIES COMPUTERS

GS DATA PROCESSING EQUIPMENT
COMPUTERS
CDC COMPUTERS
CDC 7000 SERIES COMPUTERS
CDC 7600 COMPUTER
DIGITAL COMPUTERS
CDC 7000 SERIES COMPUTERS
CDC 7600 COMPUTER

CDC 7600 COMPUTER

GS DATA PROCESSING EQUIPMENT
COMPUTERS
CDC COMPUTERS
CDC 7000 SERIES COMPUTERS
CDC 7600 COMPUTER
DIGITAL COMPUTERS
CDC 7000 SERIES COMPUTERS
CDC 7600 COMPUTER

CDC 8090 COMPUTER

GS DATA PROCESSING EQUIPMENT
COMPUTERS
CDC COMPUTERS
CDC 8090 COMPUTER
DIGITAL COMPUTERS
CDC 8090 COMPUTER

CDMA

USE CODE DIVISION MULTIPLE ACCESS

CEDAR RAPIDS (IA)

GS CITIES
CEDAR RAPIDS (IA)
RT IOWA

CEFOAM CHECKOUT EQUIPMENT

RT CHECKOUT
∞ TEST EQUIPMENT

CEILING (AIRCRAFT CAPABILITY)

RT AIRCRAFT SPECIFICATIONS
∞ CEILINGS
FLIGHT ALTITUDE
FLIGHT CHARACTERISTICS

CEILINGS

∞ CEILINGS

- SN *(USE OF A MORE SPECIFIC TERM IS
RECOMMENDED-CONSULT THE TERMS
LISTED BELOW)*
RT CEILING (AIRCRAFT CAPABILITY)
CEILINGS (ARCHITECTURE)
CEILINGS (METEOROLOGY)

CEILINGS (ARCHITECTURE)

- RT ∞ BUILDINGS
∞ CEILINGS
∞ DIFFUSERS
FLOORS
INSULATION
PANELS
REFLECTORS

CEILINGS (METEOROLOGY)

- RT AIRCRAFT LANDING
∞ CEILINGS
CLOUD HEIGHT INDICATORS
METEOROLOGICAL PARAMETERS
METEOROLOGY
VISIBILITY

CEILOMETERS

- USE CLOUD HEIGHT INDICATORS

CELESCOPES

- GS ELECTRON TUBES
VACUUM TUBES
VACUUM TUBE OSCILLATORS
MICROWAVE TUBES
PLANOTRONS
CELESCOPES
MICROWAVE EQUIPMENT
MICROWAVE TUBES
PLANOTRONS
CELESCOPES
MIRRORS
CELESCOPES
OPTICAL EQUIPMENT
IMAGE CONVERTERS
CELESCOPES
TELESCOPES
CELESCOPES
RT ASTRONOMICAL TELESCOPES
SOLAR INSTRUMENTS

CELESTIAL BODIES

- GS CELESTIAL BODIES
ASTEROID BELTS
ASTEROIDS
AMOR ASTEROID
APOLLO ASTEROIDS
CERES ASTEROID
CHIRON
ICARUS ASTEROID
TORO ASTEROID
VESTA ASTEROID
BL LACERTAE OBJECTS
COMETS
AREND-ROLAND COMET
COMET HEADS
COMET NUCLEI
COMET TAILS
GIACOBINI-ZINNER COMET
GRIGG-SKJELLERUP COMET
HALLEY'S COMET
HUMASON COMET
KOHOUTEK COMET
MOREHOUSE COMET
MRKOS COMET
SCHWASSMANN-WACHMANN COMET
TEMPEL 2 COMET
WEST COMET
GALAXIES
ANDROMEDA GALAXIES
DISK GALAXIES
ELLIPTICAL GALAXIES
GALACTIC CLUSTERS
VIRGO GALACTIC CLUSTER
MAFFEI GALAXIES
RADIO GALAXIES
SEYFERT GALAXIES
SPIRAL GALAXIES
BARRED GALAXIES
MILKY WAY GALAXY
GLOBULAR CLUSTERS
HORIZONTAL BRANCH STARS
JUPITER RINGS
METEORITES
HARLETON METEORITE
IRON METEORITES
AROS METEORITE

CELESTIAL BODIES-(CONT.)

- ODESSA METEORITE
SIKHOTEALIN METEORITE
WASHINGTON COUNTY METEORITE
LAZAREV METEORITE
MICROMETEORITES
OKHANSK METEORITE
STONY METEORITES
ACHONDRITES
BONDOC METEORITE
DYALPUR METEORITE
KAPOTA ACHONDRITE
NORTON COUNTY ACHONDRITE
CHONDRITES
BRUDERHEIM METEORITE
CARBONACEOUS CHONDRITES
CARBONACEOUS METEORITES
ALAIS METEORITE
COLD BOKKEVELD METEORITE
IVUNA METEORITE
MURRAY METEORITE
ORGUEIL METEORITE
TONK METEORITE
HVITIS CHONDRITE
PANTAR CHONDRITES
PRIBRAM METEORITE
YURTUK METEORITE
TEKTITES
AUSTRALITES
BEDIASITES
TUNGUSK METEORITE
METEOROID SHOWERS
AQUARID METEORIDS
ARIETID METEORIDS
CYRILLID METEORIDS
DRACONID METEORIDS
GEMINID METEORIDS
LEONID METEORIDS
ORIONID METEORIDS
PERSEID METEORIDS
QUADRANTID METEORIDS
TAURID METEORIDS
METEORIDS
AQUARID METEORIDS
ARIETID METEORIDS
BOLIDES
CYRILLID METEORIDS
DRACONID METEORIDS
GEMINID METEORIDS
LEONID METEORIDS
MICROMETEORIDS
METEOROID DUST CLOUDS
ZODIACAL DUST
ORIONID METEORIDS
PERSEID METEORIDS
QUADRANTID METEORIDS
RADIO METEORS
SPORADIC METEORIDS
TAURID METEORIDS
NATURAL SATELLITES
CHARON
DEIMOS
GALILEAN SATELLITES
CALLISTO
EUROPA
GANYMEDE
IO
IAPETUS
MOON
PHOBOS
RHEA (ASTRONOMY)
TITAN
TRITON
NEBULAE
CASSIOPEIA A
CRAB NEBULA
GUM NEBULA
ORION NEBULA
PLANETARY NEBULAE
PLANETS
EXTRASOLAR PLANETS
GAS GIANT PLANETS
JUPITER (PLANET)
NEPTUNE (PLANET)
SATURN (PLANET)
URANUS (PLANET)
URANUS RINGS
PLUTO (PLANET)
TERRESTRIAL PLANETS
EARTH (PLANET)
MARS (PLANET)
MERCURY (PLANET)
VENUS (PLANET)
PROTOPLANETS
RADIO SOURCES (ASTRONOMY)
CASSIOPEIA A

CELESTIAL BODIES-(CONT.)

- EXTRAGALACTIC RADIO SOURCES
RADIO GALAXIES
QUASARS
RADIO STARS
PULSARS
SATURN RINGS
SOLAR SYSTEM
HALLEY'S COMET
STAR CLUSTERS
PRAESEPE STAR CLUSTERS
VIRGO GALACTIC CLUSTER
STARS
BINARY STARS
COMPANION STARS
ECLIPSING BINARY STARS
DWARF NOVAE
DWARF STARS
DWARF NOVAE
FLARE STARS
SUBDWARF STARS
WHITE DWARF STARS
EARLY STARS
PROTOSTARS
T TAURI STARS
EXTARS
HERBIG-HARO OBJECTS
HOT STARS
A STARS
B STARS
BLUE STARS
O STARS
WHITE DWARF STARS
WOLF-RAYET STARS
INFRARED STARS
LAMBDA TAURI STARS
LATE STARS
M STARS
FLARE STARS
MAGNETIC STARS
MAIN SEQUENCE STARS
METALLIC STARS
NEUTRON STARS
PULSARS
OMICRON CETI STAR
PECULIAR STARS
POLLUX STAR
PRAESEPE STAR CLUSTERS
RADIO STARS
PULSARS
REFERENCE STARS
S STARS
GIANT STARS
RED GIANT STARS
CARBON STARS
SIGMA ORIONIS
SUBGIANT STARS
SUN
SUPERGIANT STARS
SUPERMASSIVE STARS
VAN BIESBROECK STAR
VARIABLE STARS
CEPHEID VARIABLES
NOVAE
DWARF NOVAE
HERCULES NOVA
SUPERNOVAE
T TAURI STARS
WHITE HOLES (ASTRONOMY)
ZETA AURIGAE STAR
RT ARIES CONSTELLATION
ASTEROID CAPTURE
ASTRODYNAMICS
ASTROLABES
ASTRONOMICAL OBSERVATORIES
ASTRONOMY
ASTROPHYSICS
∞ BODIES
CENTAURUS CONSTELLATION
CORONA BOREALIS CONSTELLATION
CYGNUS CONSTELLATION
GRAVITATIONAL WAVES
IMPACT MELTS
INTERSTELLAR MATTER
LYRAE CONSTELLATION
ORBITS
SPACE FLIGHT
UNIVERSE
CELESTIAL GEODESY
SN (DETERMINATION OF THE FORM OF
THE EARTH, OF THE EARTH'S
GRAVITATIONAL FIELD, AND OF
RELATIVE POSITIONS OF SATELLITE
TRAJECTORIES)
GS GEODESY

CELESTIAL GEODESY-(CONT.)

CELESTIAL GEODESY
RT EXPLORER 29 SATELLITE
EXPLORER 36 SATELLITE
GEODETIC SATELLITES
GEOS 1 SATELLITE
GEOS 2 SATELLITE
GEOS 3 SATELLITE
INTERNATIONAL SATELLITE GEODESY
EXPERIMENT
TIME

CELESTIAL MECHANICS

GS CLASSICAL MECHANICS
SPACE MECHANICS
CELESTIAL MECHANICS
RT ASTRODYNAMICS
ASTRONOMY
ASTROPHYSICS
EPHEMERIDES
EQUATIONS OF MOTION
FOUR BODY PROBLEM
GRAVITATIONAL WAVES
HYPERBOLIC TRAJECTORIES
LAGRANGIAN EQUILIBRIUM POINTS
LONG TERM EFFECTS
MANY BODY PROBLEM
MECHANICS (PHYSICS)
ORBITAL MECHANICS
ORBITS
PERTURBATION THEORY
PLANETS
ROCHE LIMIT
SCHACH EFFECT
SOLAR SYSTEM
STARS
SUN
TERRESTRIAL PLANETS
THREE BODY PROBLEM
TRAJECTORY ANALYSIS
TROJAN ORBITS
TWO BODY PROBLEM
WOLF-RAYET STARS

CELESTIAL NAVIGATION

GS NAVIGATION
CELESTIAL NAVIGATION
ASTROGUIDE NAVIGATION SYSTEM
ASTRONAVIGATION
RT AIR NAVIGATION
CCD STAR TRACKER
INERTIAL NAVIGATION
INJECTION GUIDANCE
INTERPLANETARY NAVIGATION
POLAR NAVIGATION
RADAR NAVIGATION
RADIO NAVIGATION
REFERENCE STARS
SOLAR POSITION
SPACE NAVIGATION
SPACECRAFT GUIDANCE
STAR TRACKERS
SURFACE NAVIGATION

CELESTIAL OBSERVATION

USE ASTRONOMY

CELESTIAL REFERENCE SYSTEMS

RT AIR NAVIGATION
ASTRONOMICAL COORDINATES
ASTRONOMICAL MAPS
AZIMUTH
COORDINATES
GEOCENTRIC COORDINATES
INERTIAL REFERENCE SYSTEMS
INTERPLANETARY NAVIGATION
INTERSTELLAR TRAVEL
PLANETOCENTRIC COORDINATES
REFERENCE SYSTEMS
SOLAR LONGITUDE
SPHERICAL COORDINATES

CELESTIAL SPHERE

GS SYMMETRICAL BODIES
BODIES OF REVOLUTION
SPHERES
CELESTIAL SPHERE
RT ARIES CONSTELLATION
ASTRONOMICAL MAPS
CENTAURUS CONSTELLATION
CONSTELLATIONS
CORONA BOREALIS CONSTELLATION
CYGNUS CONSTELLATION
HORIZON
LYRAE CONSTELLATION

CELESTIAL SPHERE-(CONT.)

ORBITAL POSITION ESTIMATION
PLANISPHERES
ZENITH

CELL ANODES

GS ELECTRODES
ANODES
CELL ANODES
RT ANIONS
ANOLYTES
CELL CATHODES

CELL CATHODES

GS ELECTRODES
CATHODES
CELL CATHODES
RT CATHOLYTES
CATIONS
CELL ANODES
ELECTRODEPOSITION

CELL DIVISION

RT DIVISION
REPRODUCTION

CELLOPHANE

RT CELLULOSE
POLYMERS

CELLS

SN *(USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)*
RT ACTIVATION (BIOLOGY)
AUSTIN CELL
CAVITIES
CELLS (BIOLOGY)
COMPARTMENTS
CORES
ELECTROCHEMICAL CELLS
ELECTROLYTIC CELLS
FILLERS
FUEL CELLS
GEOPHYSICAL FLUID FLOW CELLS
HEXAGONAL CELLS
HONEYCOMB STRUCTURES
KERR CELLS
LITHIUM SULFUR BATTERIES
PARTICLE IN CELL TECHNIQUE
PHOTOCONDUCTIVE CELLS
PHOTOELECTRIC CELLS
PHOTOVOLTAIC CELLS
POROUS MATERIALS
RESOLUTION CELL
SOLAR CELLS
TISSUES (BIOLOGY)
TOPOLOGY

CELLS (BIOLOGY)

UF BIOLOGICAL CELLS
GS CELLS (BIOLOGY)
AXONS
CHROMOSOMES
CORPUSCLES
ERYTHROCYTES
RETICULOCYTES
FIBROBLASTS
COLLAGENS
GAMETOCYTES
HEMATOPOIESIS
HEMOCYTES
HEMOGLOBIN
CARBOXYHEMOGLOBIN
OXYHEMOGLOBIN
LEUKOCYTES
EOSINOPHILS
LYMPHOCYTES
MACROPHAGES
MITOCHONDRIA
NEUROBLASTS
NEURONS
PROTOPLASTS
RT CANCER
CATALASE
CELLS
CHLOROPHYLLS
CHLOROPLASTS
CYTOGENESIS
CYTOLOGY
ENDOTHELIUM
GANGLIA
HISTOCHEMICAL ANALYSIS
KREBS CYCLE
MITOSIS

CELLS (BIOLOGY)-(CONT.)

MUTAGENS
MUTATIONS
NEUROGLIA
NEUROTRANSMITTERS
NUCLEI
PLASMOLYSIS
TISSUES (BIOLOGY)

CELLULAR MATERIALS (NON BIOLOGICAL)

USE FOAMS

CELLULOSE

GS ALIPHATIC COMPOUNDS
POLYSACCHARIDES
CELLULOSE
FORTISAN (TRADEMARK)
CARBOHYDRATES
POLYSACCHARIDES
CELLULOSE
FORTISAN (TRADEMARK)
RT CELLOPHANE
LIGNIN
MASONITE (TRADEMARK)
SYNTHETIC FOOD
TENITE
WOOD

CELLULOSE NITRATE

UF NITROCELLULOSE
PYROXYLIN
GS ESTERS
ORGANIC NITRATES
CELLULOSE NITRATE
EXPLOSIVES
CELLULOSE NITRATE
NITROGEN COMPOUNDS
NITRATES
ORGANIC NITRATES
CELLULOSE NITRATE
RT DOUBLE BASE PROPELLANTS
DOUBLE BASE ROCKET PROPELLANTS

CEMENTATION

RT ADHESIVE BONDING
AGGLOMERATION
AGGLUTINATION
BONDING
HEATING
PRECIPITATION (CHEMISTRY)

CEMENTITE

GS CARBON COMPOUNDS
CARBIDES
CEMENTITE
RT IRON ALLOYS
MICROSTRUCTURE
PEARLITE
STEELS

CEMENTS

RT ADHESIVES
BINDERS (MATERIALS)
BRICKS
CONCRETES
CONSTRUCTION MATERIALS
GROUT
MASONRY
MORTARS (MATERIAL)
SEALING

CEMS SYSTEM

USE CENTRAL ELECTRONIC MANAGEMENT
SYSTEM

CENSORED DATA (MATHEMATICS)

GS DATA PROCESSING
CENSORED DATA (MATHEMATICS)
RT APPROXIMATION
DATA
ERROR ANALYSIS
PROBABILITY DENSITY FUNCTIONS
RELIABILITY
SAMPLING
STATISTICAL ANALYSIS
STATISTICAL DISTRIBUTIONS

CENSUS

RT ANIMALS
DEMOGRAPHY
HUMAN BEINGS
STATISTICS
URBAN PLANNING

CENTAUR LAUNCH VEHICLE

CENTAUR LAUNCH VEHICLE
 UF CENTAUR VEHICLE
 GS LAUNCH VEHICLES
 . CENTAUR LAUNCH VEHICLE
 . . ATLAS CENTAUR LAUNCH VEHICLE
 ROCKET VEHICLES
 . CENTAUR LAUNCH VEHICLE
 . . ATLAS CENTAUR LAUNCH VEHICLE
 RT ATLAS D ICBM
 LIQUID PROPELLANT ROCKET ENGINES
 SATURN PROJECT
 TITAN CENTAUR LAUNCH VEHICLE
 YLR-115 ENGINE

CENTAUR PROJECT
 GS PROGRAMS
 . NASA PROGRAMS
 . . CENTAUR PROJECT
 . PROJECTS
 . . CENTAUR PROJECT
 RT ATLAS CENTAUR LAUNCH VEHICLE
 LAUNCH VEHICLES
 MARINER PROGRAM
 RL-10 ENGINES
 SURVEYOR PROJECT

CENTAUR VEHICLE
 USE CENTAUR LAUNCH VEHICLE

CENTAURUS CONSTELLATION
 GS CONSTELLATIONS
 . CENTAURUS CONSTELLATION
 RT CELESTIAL BODIES
 CELESTIAL SPHERE
 STARS

CENTER OF GRAVITY
 UF BARYCENTER
 RT CENTER OF MASS
 ∞CENTERS
 CENTROIDS
 GRAVITATIONAL FIELDS
 LUNAR ROTATION
 MASS
 MOMENTS OF INERTIA

CENTER OF MASS
 GS MASS
 . CENTER OF MASS
 RT CENTER OF GRAVITY
 MASCONS
 WEIGHT (MASS)

CENTER OF PRESSURE
 RT ∞CENTERS
 HYDROSTATIC PRESSURE
 MOMENTS OF INERTIA
 PRESSURE DISTRIBUTION
 PRESSURE HEADS

CENTERBODIES
 GS AIRCRAFT STRUCTURES
 . CENTERBODIES
 RT AFTERBODIES
 ∞BODIES
 CYLINDRICAL BODIES
 FOREBODIES
 FUSELAGES

∞CENTERS
 SN (USE OF A MORE SPECIFIC TERM IS
 RECOMMENDED—CONSULT THE TERMS
 LISTED BELOW)
 RT CENTER OF GRAVITY
 CENTER OF PRESSURE
 COLOR CENTERS
 CONCENTRICITY
 FOCI
 LOCI
 WORLD DATA CENTERS

CENTIMETER WAVES
 GS ELECTROMAGNETIC RADIATION
 . RADIO WAVES
 . . SHORT WAVE RADIATION
 . . . MICROWAVES
 CENTIMETER WAVES
 RT COSMIC NOISE
 EXTRATERRESTRIAL RADIO WAVES
 MICROWAVE FREQUENCIES
 SUPERHIGH FREQUENCIES

CENTRAL AFRICAN REPUBLIC
 RT AFRICA

CENTRAL AFRICAN REPUBLIC-(CONT.)
 NATIONS

CENTRAL AMERICA
 RT BELIZE
 COSTA RICA
 EL SALVADOR
 GUATEMALA
 HONDURAS
 NICARAGUA
 NORTH AMERICA
 PANAMA
 PANAMA CANAL ZONE
 REGIONS

CENTRAL ATLANTIC REGION (US)
 GS REGIONS
 . CENTRAL ATLANTIC REGION (US)
 RT UNITED STATES OF AMERICA

CENTRAL ATLANTIC REGIONAL ECOL TEST SITE
 UF CARETS (TEST SITE)
 GS SITES
 . CENTRAL ATLANTIC REGIONAL ECOL
 TEST SITE
 TEST FACILITIES
 . CENTRAL ATLANTIC REGIONAL ECOL
 TEST SITE
 RT ECOLOGY

CENTRAL ELECTRONIC MANAGEMENT SYSTEM
 UF CEMS SYSTEM
 GS DATA PROCESSING
 . CENTRAL ELECTRONIC MANAGEMENT
 SYSTEM
 RT MANAGEMENT
 ∞SYSTEMS

CENTRAL EUROPE
 RT AUSTRIA
 CONTINENTS
 CZECHOSLOVAKIA
 EAST GERMANY
 EUROPE
 HUNGARY
 POLAND
 ROMANIA
 WEST GERMANY

CENTRAL NERVOUS SYSTEM
 GS NERVOUS SYSTEM
 . CENTRAL NERVOUS SYSTEM
 . . BRAIN
 . . . BRAIN STEM
 . . . CEREBELLUM
 . . . CEREBRAL CORTEX
 . . . CEREBRUM
 . . . HIPPOCAMPUS
 . . . SPINAL CORD
 . . . SPINE
 . . THALAMUS
 RT BLOOD-BRAIN BARRIER
 PSYCHOPHARMACOLOGY
 PSYCHOTROPIC DRUGS

CENTRAL NERVOUS SYSTEM DEPRESSANTS
 GS DEPRESSANTS
 . CENTRAL NERVOUS SYSTEM
 DEPRESSANTS
 DRUGS
 . CENTRAL NERVOUS SYSTEM
 DEPRESSANTS
 . . MARIJUANA
 RT AMOBARBITAL
 PSYCHOPHARMACOLOGY
 TRANQUILIZERS

CENTRAL NERVOUS SYSTEM STIMULANTS
 GS DRUGS
 . STIMULANTS
 . . CENTRAL NERVOUS SYSTEM
 STIMULANTS
 RT AMPHETAMINES
 PSYCHOPHARMACOLOGY

CENTRAL PIEDMONT (US)
 GS LANDFORMS
 . TERRACES (LANDFORMS)
 . . PLATEAUS
 . . . PIEDMONTS
 CENTRAL PIEDMONT (US)
 RT MOUNTAINS

CENTRAL PROCESSING UNITS
 UF PROCESSORS (COMPUTERS)

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 GS CENTRAL PROCESSING UNITS
 . ARITHMETIC AND LOGIC UNITS
 RT COMPUTER COMPONENTS
 COMPUTER STORAGE DEVICES
 COMPUTERS
 CONTROL UNITS (COMPUTERS)
 LOGIC CIRCUITS
 REGISTERS (COMPUTERS)

CENTRIFUGAL CASTING
 GS FORMING TECHNIQUES
 . CASTING
 . . CENTRIFUGAL CASTING
 RT INVESTMENT CASTING

CENTRIFUGAL COMPRESSORS
 GS COMPRESSORS
 . CENTRIFUGAL COMPRESSORS
 TURBOMACHINERY
 . CENTRIFUGAL COMPRESSORS
 RT BLOWERS
 COMPRESSOR BLADES
 COMPRESSOR ROTORS
 IMPELLERS
 PUMP IMPELLERS
 PUMPS
 RADIAL FLOW
 ROTORS
 SUPERCHARGERS
 TURBOCOMPRESSORS

CENTRIFUGAL FORCE
 RT ANGULAR ACCELERATION
 CENTRIFUGES
 CENTRIPETAL FORCE
 ∞FORCE

CENTRIFUGAL PUMPS
 GS PUMPS
 . CENTRIFUGAL PUMPS
 TURBOMACHINERY
 . CENTRIFUGAL PUMPS
 RT AXIAL FLOW PUMPS
 FUEL PUMPS
 IMPELLERS
 PUMP IMPELLERS
 TURBINE PUMPS
 TURBOCOMPRESSORS

CENTRIFUGES
 UF CYCLONES (EQUIPMENT)
 GS CENTRIFUGES
 . HUMAN CENTRIFUGES
 RT CENTRIFUGAL FORCE
 CENTRIFUGING
 CENTRIPETAL FORCE
 CLASSIFIERS
 CONCENTRATORS
 EXTRACTION
 FLIGHT SIMULATORS
 FLUID FILTERS
 HIGH GRAVITY ENVIRONMENTS
 SEPARATORS
 SPACE SIMULATORS
 ∞TEST EQUIPMENT
 TRAINING SIMULATORS

CENTRIFUGING
 RT CENTRIFUGES
 CONCENTRATING
 EXTRACTION
 MATERIALS RECOVERY
 ∞SEPARATION
 SWIRLING

CENTRIFUGING STRESS
 GS INVERSIONS
 . CENTRIFUGING STRESS
 STRESS (PHYSIOLOGY)
 . ACCELERATION STRESSES
 (PHYSIOLOGY)
 . . CENTRIFUGING STRESS
 RT ACCELERATION TOLERANCE

CENTRIPETAL FORCE
 RT ANGULAR ACCELERATION
 CENTRIFUGAL FORCE
 CENTRIFUGES
 ∞FORCE
 REVOLVING

CENTROIDS
 RT CENTER OF GRAVITY

CENTROIDS-(CONT.)
MOMENTS OF INERTIA**CENTURION AIRCRAFT**
USE CESSNA 210 AIRCRAFT**CEPHALAGIA**
USE HEADACHE**CEPHALOPODS**
GS ANIMALS
 . INVERTEBRATES
 . . . ARTHROPODS
 **CEPHALOPODS**
 MOLLUSKS
 OCTOPUSES
 SNAILS**CEPHEID VARIABLES**
GS CELESTIAL BODIES
 . STARS
 . . VARIABLE STARS
 . . . **CEPHEID VARIABLES**
RT CEPHEUS CONSTELLATION**CEPHEUS CONSTELLATION**
GS CONSTELLATIONS
 . **CEPHEUS CONSTELLATION**
RT CEPHEID VARIABLES**CEPSTRA**
GS SPECTRA
 . POWER SPECTRA
 . . **CEPSTRA**
RT QUEFRENCIES**CEPSTRAL ANALYSIS**
GS SPECTRUM ANALYSIS
 . **CEPSTRAL ANALYSIS**
RT ACOUSTIC MEASUREMENT
 AUDIO FREQUENCIES
 ECHOES
 MULTIPATH TRANSMISSION
 POWER SPECTRA
 SIGNAL REFLECTION
 SIGNATURE ANALYSIS
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 SPEECH RECOGNITION
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 VIBRATION MEASUREMENT**CERAMAL PROTECTIVE COATINGS**
USE CERMETS
PROTECTIVE COATINGS**CERAMALS**
USE CERMETS**CERAMIC BONDING**
GS BONDING
 . **CERAMIC BONDING**
RT CERAMICS**CERAMIC COATINGS**
SN (COATINGS CONSISTING OF CERAMIC MATERIALS)
GS COATINGS
 . INORGANIC COATINGS
 . . **CERAMIC COATINGS**
 . . PROTECTIVE COATINGS
 . . . **CERAMIC COATINGS**
RT FINISHES
 METAL COATINGS
 PORCELAIN
 SPRAYED COATINGS
 VACUUM DEPOSITION**CERAMIC HONEYCOMBS**
RT HONEYCOMB CORES
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GS CERAMICS
 . **CERAMIC NUCLEAR FUELS**
 FUELS
 . NUCLEAR FUELS
 . . **CERAMIC NUCLEAR FUELS**
RT CARBIDES
 CERMETS
 NITRIDES
 PLUTONIUM COMPOUNDS
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URANIUM CARBIDES
URANIUM COMPOUNDS
URANIUM OXIDES**CERAMICS**
GS **CERAMICS**
 . CERAMIC NUCLEAR FUELS
 . PORCELAIN
 . PYROCERAM (TRADEMARK)
RT ABRASIVES
 BAKELITE (TRADEMARK)
 BRICKS
 CERAMIC BONDING
 CERMETS
 CLAYS
 DIELECTRICS
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 INJECTION MOLDING
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 . MATERIALS SCIENCE
 MORTARS (MATERIAL)
 PYROLYTIC MATERIALS
 REACTION BONDING
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 REFRACTORY COATINGS
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 VITRIFICATION**CERCOCEBUS MONKEYS**
GS ANIMALS
 . VERTEBRATES
 . . MAMMALS
 . . . PRIMATES
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 WILDLIFE
 . **CERCOCEBUS MONKEYS****CEREBELLUM**
GS ANATOMY
 . BRAIN
 . . **CEREBELLUM**
 NERVOUS SYSTEM
 . CENTRAL NERVOUS SYSTEM
 . . BRAIN
 . . . **CEREBELLUM****CEREBRAL CORTEX**
GS ANATOMY
 . BRAIN
 . . **CEREBRAL CORTEX**
 NERVOUS SYSTEM
 . CENTRAL NERVOUS SYSTEM
 . . BRAIN
 . . . **CEREBRAL CORTEX**
RT . CORTEXES
 HYPOTHALAMUS**CEREBRAL VASCULAR ACCIDENTS**
RT CARDIOVASCULAR SYSTEM
 . STROKES**CEREBROSPINAL FLUID**
GS BODY FLUIDS
 . **CEREBROSPINAL FLUID**
RT BRAIN
 . FLUIDS**CEREBRUM**
GS ANATOMY
 . BRAIN
 . . **CEREBRUM**
 MUSCULOSKELETAL SYSTEM
 . BONES
 . . . **CEREBRUM**
 NERVOUS SYSTEM
 . CENTRAL NERVOUS SYSTEM
 . . BRAIN
 . . . **CEREBRUM****CERENKOV COUNTERS**
GS MEASURING INSTRUMENTS
 COUNTERS
 . RADIATION COUNTERS
 . . **CERENKOV COUNTERS**
 RADIATION MEASURING INSTRUMENTS
 . RADIATION COUNTERS
 . . . **CERENKOV COUNTERS**
RT SCINTILLATION COUNTERS**CERENKOV EFFECT**
USE CERENKOV RADIATION**CERENKOV RADIATION**
UF CERENKOV EFFECT
GS ELECTROMAGNETIC RADIATION
 . **CERENKOV RADIATION**
RT BREMSSTRAHLUNG
 CORPUSCULAR RADIATION
 COSMIC RAYS
 GAMMA RAY BURSTS
 GAMMA RAYS
 LIGHT (VISIBLE RADIATION)
 NUCLEAR RADIATION
 ULTRAVIOLET RADIATION**CERES ASTEROID**
GS CELESTIAL BODIES
 . ASTEROID BELTS
 . . ASTEROIDS
 . . . **CERES ASTEROID****CERESIN**
GS ALIPHATIC COMPOUNDS
 . ALKANES
 . . PARAFFINS
 . . . **CERESIN**
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 . ALKANES
 . . PARAFFINS
 . . . **CERESIN**
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 . **CERESIN**
RT PHASE CHANGE MATERIALS**CERIUM**
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 . RARE EARTH ELEMENTS
 . . **CERIUM**
 . . . CERIUM ISOTOPES
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 . . **CERIUM**
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GS RARE EARTH COMPOUNDS
 . **CERIUM COMPOUNDS**
 . . BASTNASITE
 . . . CERIUM OXIDES
RT . METAL COMPOUNDS**CERIUM ISOTOPES**
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 . NUCLIDES
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... NUCLIDES
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CERMETS

UF CERAMAL PROTECTIVE COATINGS
CERAMALS
GS COMPOSITE MATERIALS
... CERMETS
RT CERAMIC NUCLEAR FUELS
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HEAT RESISTANT ALLOYS
POWDER METALLURGY
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REFRACTORY MATERIALS

CERTIFICATION

RT AIRCRAFT RELIABILITY
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EVALUATION
FLIGHT TESTS
PERFORMANCE TESTS
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QUALIFICATIONS
QUALITY CONTROL
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CESIUM

GS CHEMICAL ELEMENTS
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CESIUM ALLOYS

GS ALLOYS
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RT ALKALI METALS

CESIUM ANTIMONIDES

GS ANTIMONY COMPOUNDS
... ANTIMONIDES
... CESIUM ANTIMONIDES
CESIUM COMPOUNDS
... CESIUM ANTIMONIDES

CESIUM BROMIDES

GS CESIUM COMPOUNDS
... CESIUM HALIDES
... CESIUM BROMIDES
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... BROMINE COMPOUNDS
... BROMIDES
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... HALIDES
... BROMIDES
... CESIUM BROMIDES
... METAL HALIDES
... ALKALI HALIDES
... CESIUM HALIDES
... CESIUM BROMIDES

CESIUM COMPOUNDS

GS CESIUM COMPOUNDS
... CESIUM ANTIMONIDES
... CESIUM HALIDES
... CESIUM BROMIDES
... CESIUM FLUORIDES
... CESIUM IODIDES
... CESIUM HYDRIDES
... CESIUM OXIDES
RT ∞ ALKALI METAL COMPOUNDS
 ∞ METAL COMPOUNDS
METAL FUELS

CESIUM DIODES

GS ELECTRONIC EQUIPMENT
... DIODES
... CESIUM DIODES
RT PLASMA DIODES
THERMIONIC CONVERTERS

CESIUM ENGINES

GS ENGINES
... ROCKET ENGINES
... ELECTRIC ROCKET ENGINES
... ION ENGINES
... CESIUM ENGINES
RT ELECTROSTATIC ENGINES

CESIUM FLUORIDES

GS CESIUM COMPOUNDS
... CESIUM HALIDES
... CESIUM FLUORIDES
HALOGEN COMPOUNDS
... FLUORINE COMPOUNDS
... FLUORIDES
... METAL FLUORIDES
... CESIUM FLUORIDES
... HALIDES
... METAL HALIDES
... ALKALI HALIDES
... CESIUM HALIDES
... CESIUM FLUORIDES

CESIUM HALIDES

GS CESIUM COMPOUNDS
... CESIUM HALIDES
... CESIUM BROMIDES
... CESIUM FLUORIDES
... CESIUM IODIDES
HALOGEN COMPOUNDS
... HALIDES
... METAL HALIDES
... ALKALI HALIDES
... CESIUM HALIDES
... CESIUM BROMIDES
... CESIUM FLUORIDES
... CESIUM IODIDES

CESIUM HYDRIDES

GS CESIUM COMPOUNDS
... CESIUM HYDRIDES
HYDROGEN COMPOUNDS
... HYDRIDES
... METAL HYDRIDES
... CESIUM HYDRIDES

CESIUM IODIDES

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... CESIUM HALIDES
... CESIUM IODIDES
HALOGEN COMPOUNDS
... HALIDES
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... ALKALI HALIDES
... CESIUM HALIDES
... CESIUM IODIDES
... IODINE COMPOUNDS
... IODIDES
... CESIUM IODIDES

CESIUM ION

GS IONS
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CESIUM OXIDES

GS CESIUM COMPOUNDS
... CESIUM OXIDES
CHALCOGENIDES
... OXIDES
... METAL OXIDES
... CESIUM OXIDES

CESIUM PLASMA

GS GASES
... IONIZED GASES
... CHARGED PARTICLES
... METALLIC PLASMAS
... CESIUM PLASMA
PARTICLES
... CHARGED PARTICLES
... ENERGETIC PARTICLES
... PLASMAS (PHYSICS)
... METALLIC PLASMAS
... CESIUM PLASMA
RT THERMIONIC CONVERTERS

CESIUM VAPOR

GS CHEMICAL ELEMENTS
... ALKALI METALS
... CESIUM
... CESIUM VAPOR
... NUCLIDES
... ISOTOPES
... CESIUM VAPOR
METALS
... ALKALI METALS
... CESIUM
... CESIUM VAPOR
VAPORS
... CESIUM VAPOR
RT MERCURY VAPOR

CESIUM 133

GS CHEMICAL ELEMENTS
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... CESIUM
... CESIUM ISOTOPES
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CESIUM 134

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... CESIUM ISOTOPES
... CESIUM 134
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... CESIUM ISOTOPES
... CESIUM 134

CESIUM 137

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... NUCLIDES
... ISOTOPES

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CESIUM 144

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 . ISOTOPES
 . . . CESIUM ISOTOPES
 . . . **CESIUM 144**
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 . . . **CESIUM 144**
 METALS
 . ALKALI METALS
 . CESIUM
 . . . CESIUM ISOTOPES
 . . . **CESIUM 144**

CESSNA AIRCRAFT

GS **CESSNA AIRCRAFT**
 . A-37 AIRCRAFT
 . CESSNA L-19 AIRCRAFT
 . CESSNA 172 AIRCRAFT
 . CESSNA 205 AIRCRAFT
 . CESSNA 210 AIRCRAFT
 . CESSNA 336 AIRCRAFT
 . CESSNA 402B AIRCRAFT
 . NH-41 HELICOPTER
 . T-37 AIRCRAFT
 . U-3 AIRCRAFT
 RT ∞ AIRCRAFT

CESSNA L-19 AIRCRAFT

GS **CESSNA AIRCRAFT**
 . **CESSNA L-19 AIRCRAFT**
 LIGHT AIRCRAFT
 . **CESSNA L-19 AIRCRAFT**
 MONOPLANES
 . **CESSNA L-19 AIRCRAFT**
 OBSERVATION AIRCRAFT
 . **CESSNA L-19 AIRCRAFT**
 RECONNAISSANCE AIRCRAFT
 . **CESSNA L-19 AIRCRAFT**

CESSNA MILITARY AIRCRAFT

USE MILITARY AIRCRAFT

CESSNA 172 AIRCRAFT

GS **CESSNA AIRCRAFT**
 . **CESSNA 172 AIRCRAFT**
 GENERAL AVIATION AIRCRAFT
 . **CESSNA 172 AIRCRAFT**
 LIGHT AIRCRAFT
 . **CESSNA 172 AIRCRAFT**
 MONOPLANES
 . **CESSNA 172 AIRCRAFT**
 PASSENGER AIRCRAFT
 . **CESSNA 172 AIRCRAFT**

CESSNA 205 AIRCRAFT

GS **CESSNA AIRCRAFT**
 . **CESSNA 205 AIRCRAFT**
 GENERAL AVIATION AIRCRAFT
 . **CESSNA 205 AIRCRAFT**
 LIGHT AIRCRAFT
 . **CESSNA 205 AIRCRAFT**
 MONOPLANES
 . **CESSNA 205 AIRCRAFT**
 PASSENGER AIRCRAFT
 . **CESSNA 205 AIRCRAFT**

CESSNA 210 AIRCRAFT

UF CENTURION AIRCRAFT
 GS **CESSNA AIRCRAFT**
 . **CESSNA 210 AIRCRAFT**
 GENERAL AVIATION AIRCRAFT
 . **CESSNA 210 AIRCRAFT**
 LIGHT AIRCRAFT
 . **CESSNA 210 AIRCRAFT**
 MONOPLANES
 . **CESSNA 210 AIRCRAFT**
 PASSENGER AIRCRAFT
 . **CESSNA 210 AIRCRAFT**

CESSNA 336 AIRCRAFT

GS **CESSNA AIRCRAFT**
 . **CESSNA 336 AIRCRAFT**
 GENERAL AVIATION AIRCRAFT
 . **CESSNA 336 AIRCRAFT**
 LIGHT AIRCRAFT
 . **CESSNA 336 AIRCRAFT**
 MONOPLANES
 . **CESSNA 336 AIRCRAFT**
 PASSENGER AIRCRAFT
 . **CESSNA 336 AIRCRAFT**

CESSNA 402B AIRCRAFT

GS **CESSNA AIRCRAFT**
 . **CESSNA 402B AIRCRAFT**
 GENERAL AVIATION AIRCRAFT
 . **CESSNA 402B AIRCRAFT**
 LIGHT AIRCRAFT
 . **CESSNA 402B AIRCRAFT**
 MONOPLANES
 . **CESSNA 402B AIRCRAFT**
 PASSENGER AIRCRAFT
 . **CESSNA 402B AIRCRAFT**

CETANE

GS ALIPHATIC COMPOUNDS
 . ALKANES
 . . **CETANE**
 HYDROCARBONS
 . ALKANES
 . . **CETANE**

CETYL COMPOUNDS

GS ALIPHATIC COMPOUNDS
 . ALKYL COMPOUNDS
 . . **CETYL COMPOUNDS**

CEYLON

UF SRI LANKA
 RT ASIA
 NATIONS

CF-104 AIRCRAFT

USE CANADIAN AIRCRAFT
 F-104 AIRCRAFT

CF-700 ENGINE

GS ENGINES
 . AIR BREATHING ENGINES
 . . GAS TURBINE ENGINES
 . . . JET ENGINES
 TURBOJET ENGINES
 TURBOFAN ENGINES
 **CF-700 ENGINE**
 INTERNAL COMBUSTION ENGINES
 GAS TURBINE ENGINES
 JET ENGINES
 TURBOJET ENGINES
 TURBOFAN ENGINES
 **CF-700 ENGINE**
 TURBINE ENGINES
 GAS TURBINE ENGINES
 JET ENGINES
 TURBOJET ENGINES
 TURBOFAN ENGINES
 **CF-700 ENGINE**
 RT VERTICAL TAKEOFF AIRCRAFT

CFD

USE CHARGE FLOW DEVICES

CFRP

USE CARBON FIBER REINFORCED PLASTICS

CH-3 HELICOPTER

GS PASSENGER AIRCRAFT
 . **CH-3 HELICOPTER**
 SIKORSKY AIRCRAFT
 . **CH-3 HELICOPTER**
 TRANSPORT AIRCRAFT
 . **CH-3 HELICOPTER**
 V/STOL AIRCRAFT
 . ROTARY WING AIRCRAFT
 . . HELICOPTERS
 . . . MILITARY HELICOPTERS
 **CH-3 HELICOPTER**
 RIGID ROTOR HELICOPTERS
 **CH-3 HELICOPTER**
 RT S-61 HELICOPTER

CH-21 HELICOPTER

UF H-21 HELICOPTER
 SHAWNEE HELICOPTER
 WORKHORSE HELICOPTER

CH-21 HELICOPTER-(CONT.)

GS BOEING AIRCRAFT
 . **CH-21 HELICOPTER**
 V/STOL AIRCRAFT
 . ROTARY WING AIRCRAFT
 . . HELICOPTERS
 . . . **CH-21 HELICOPTER**

CH-34 HELICOPTER

UF CHOCTAW HELICOPTER
 H-34 HELICOPTER
 GS SIKORSKY AIRCRAFT
 . **CH-34 HELICOPTER**
 TRANSPORT AIRCRAFT
 . **CH-34 HELICOPTER**
 V/STOL AIRCRAFT
 . ROTARY WING AIRCRAFT
 . . HELICOPTERS
 . . . MILITARY HELICOPTERS
 **CH-34 HELICOPTER**
 RT S-58 HELICOPTER

CH-46 HELICOPTER

UF CH-113 HELICOPTER
 HRB-1 HELICOPTER
 SEA KNIGHT HELICOPTER
 VOYAGEUR HELICOPTER
 GS BOEING AIRCRAFT
 . **CH-46 HELICOPTER**
 PASSENGER AIRCRAFT
 . **CH-46 HELICOPTER**
 TRANSPORT AIRCRAFT
 . **CH-46 HELICOPTER**
 V/STOL AIRCRAFT
 . ROTARY WING AIRCRAFT
 . . HELICOPTERS
 . . . MILITARY HELICOPTERS
 **CH-46 HELICOPTER**
 TANDEM ROTOR HELICOPTERS
 **CH-46 HELICOPTER**

CH-47 HELICOPTER

UF CHINOOK HELICOPTER
 HC-1 HELICOPTER
 GS BOEING AIRCRAFT
 . **CH-47 HELICOPTER**
 PASSENGER AIRCRAFT
 . **CH-47 HELICOPTER**
 TRANSPORT AIRCRAFT
 . **CH-47 HELICOPTER**
 V/STOL AIRCRAFT
 . ROTARY WING AIRCRAFT
 . . HELICOPTERS
 . . . MILITARY HELICOPTERS
 **CH-47 HELICOPTER**
 TANDEM ROTOR HELICOPTERS
 **CH-47 HELICOPTER**

CH-53 HELICOPTER

USE H-53 HELICOPTER

CH-54 HELICOPTER

UF S-64 HELICOPTER
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 SKYCRANE HELICOPTER
 GS PASSENGER AIRCRAFT
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 SIKORSKY AIRCRAFT
 . **CH-54 HELICOPTER**
 TRANSPORT AIRCRAFT
 . **CH-54 HELICOPTER**
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 . ROTARY WING AIRCRAFT
 . . HELICOPTERS
 . . . MILITARY HELICOPTERS
 **CH-54 HELICOPTER**

CH-62 HELICOPTER

GS BOEING AIRCRAFT
 . **CH-62 HELICOPTER**
 V/STOL AIRCRAFT
 . ROTARY WING AIRCRAFT
 . . HELICOPTERS
 . . . MILITARY HELICOPTERS
 HEAVY LIFT HELICOPTERS
 **CH-62 HELICOPTER**
 RT ∞ MILITARY AIRCRAFT

CH-113 HELICOPTER

USE CH-46 HELICOPTER

CHAD

RT AFRICA
 NATIONS

CHAFF

CHAFF
 GS COUNTERMEASURES
 . ELECTRONIC COUNTERMEASURES
 . **CHAFF**
 RT DECEPTION
 ELECTRONIC WARFARE
 RADAR ECHOES

CHAINS
 SN (EXCLUDES CHEMICAL BONDS AND
 NUCLEAR REACTIONS)
 RT ∞ BARRIERS
 CABLES (ROPES)
 FASTENERS
 ∞ LINKS
 MOLECULAR CHAINS

CHAIRS
 USE SEATS

CHALCOGENIDES
 GS **CHALCOGENIDES**
 . AKERMANITE
 . OXIDES
 . ANHYDRIDES
 . . . PEROXIDES
 . . . INORGANIC PEROXIDES
 . . . ORGANIC PEROXIDES
 . . . SODIUM PEROXIDES
 . BORON OXIDES
 . BRUCITE
 . CARBON MONOXIDE
 . CARBON SUBOXIDES
 . CHLORINE OXIDES
 . DIOXIDES
 . . CARBON DIOXIDE
 . . FLINT
 . . HYDROGEN PEROXIDE
 . . SILICON DIOXIDE
 . . . QUARTZ
 . . . COESITE
 . . . SULFUR DIOXIDES
 . . GERMANIUM OXIDES
 . . HEAVY WATER
 . . METAL OXIDES
 . . . ALKALINE EARTH OXIDES
 . . . BARIUM OXIDES
 . . . BERYLLIUM OXIDES
 . . . CALCIUM OXIDES
 . . . MAGNESIUM OXIDES
 . . . PERICLASE
 . . ALUMINUM OXIDES
 . . . SAPPHIRE
 . . BISMUTH OXIDES
 . . CESIUM OXIDES
 . . CHROMIUM OXIDES
 . . . CHROMITES
 . . COBALT OXIDES
 . . COPPER OXIDES
 . . HAFNIUM OXIDES
 . . IRON OXIDES
 . . . CHROMITES
 . . . HEMATITE
 . . . ILMENITE
 . . . MAGNETITE
 . . LANTHANUM OXIDES
 . . LEAD OXIDES
 . . LITHIUM OXIDES
 . . MANGANESE OXIDES
 . . . HOPCALITE (TRADEMARK)
 . . MERCURY OXIDES
 . . MIXED OXIDES
 . . MOLYBDENUM OXIDES
 . . NICKEL OXIDES
 . . NIOBIUM OXIDES
 . . PLATINUM OXIDES
 . . PLUTONIUM OXIDES
 . . POTASSIUM OXIDES
 . . SCANDIUM OXIDES
 . . SILVER OXIDES
 . . SODIUM PEROXIDES
 . . TANTALUM OXIDES
 . . THORIUM OXIDES
 . . TIN OXIDES
 . . TITANIUM OXIDES
 . . . ANATASE
 . . . ILMENITE
 . . . RUTILE
 . . TUNGSTEN OXIDES
 . . . SCHEELITE
 . . URANIUM OXIDES
 . . VANADIUM OXIDES
 . . YTTRIUM OXIDES
 . . ZINC OXIDES
 . . . ZIRCONIUM OXIDES

CHALCOGENIDES-(CONT.)

. . NITROGEN OXIDES
 . . . NITRIC OXIDE
 . . . NITROGEN DIOXIDE
 . . . NITROGEN TETROXIDE
 . . . NITROUS OXIDES
 . . PHOSPHORUS OXIDES
 . . PYROXENES
 . . . ENSTATITE
 . . . SELENIUM OXIDES
 . . SILICON OXIDES
 . . . MUSCOVITE
 . . . NEPHELINE
 . . . NORBERGITE
 . . . SILICON DIOXIDE
 . . . QUARTZ
 COESITE
 SPODUMENE
 . . . SULFUR OXIDES
 . . . SULFUR DIOXIDES
 . . SELENIDES
 . . CADMIUM SELENIDES
 . . COPPER SELENIDES
 . . GALLIUM SELENIDES
 . . LEAD SELENIDES
 . . ZINC SELENIDES
 . . SULFIDES
 . . DISULFIDES
 . . . CARBON DISULFIDE
 . . INORGANIC SULFIDES
 . . BARIUM SULFIDES
 . . BISMUTH SULFIDES
 . . CADMIUM SULFIDES
 . . CALCIUM SULFIDES
 . . COPPER SULFIDES
 . . . ENARGITE
 . . . HYDROGEN SULFIDE
 . . . INDIUM SULFIDES
 . . . LEAD SULFIDES
 . . . MOLYBDENUM SULFIDES
 . . . MOLYBDENUM DISULFIDES
 . . . POLYSULFIDES
 . . . STRONTIUM SULFIDES
 . . . ZINC SULFIDES
 . . . WURTZITE
 . . . ZINCBLLENDE
 . . PYRITES
 . . PYRRHOTITE
 . . . TROILITE
 . . TELLURIDES
 . . BISMUTH TELLURIDES
 . . CADMIUM TELLURIDES
 . . INDIUM TELLURIDES
 . . LANTHANUM TELLURIDES
 . . LEAD TELLURIDES
 . . MERCURY TELLURIDES
 . . TIN TELLURIDES
 . . ZINC TELLURIDES
 RT ∞ GROUP 6A COMPOUNDS

CHALK

GS CALCIUM COMPOUNDS
 . CALCIUM CARBONATES
 . **CHALK**
 CARBON COMPOUNDS
 . CARBONATES
 . . CALCIUM CARBONATES
 . . . **CHALK**
 RT GYPSUM

∞ CHAMBERS

SN (USE OF A MORE SPECIFIC TERM IS
 RECOMMENDED—CONSULT THE TERMS
 LISTED BELOW)
 RT ANECHOIC CHAMBERS
 ARC CHAMBERS
 BUBBLE CHAMBERS
 CLOUD CHAMBERS
 COMBUSTION CHAMBERS
 CYLINDRICAL CHAMBERS
 FLEXING
 FLOW CHAMBERS
 HYPERBARIC CHAMBERS
 IONIZATION CHAMBERS
 PLENUM CHAMBERS
 PRESSURE CHAMBERS
 SPARK CHAMBERS
 TEST CHAMBERS
 THRUST CHAMBERS
 VACUUM CHAMBERS

CHANCE-VOUGHT AIRCRAFT

UF CHANCE-VOUGHT MILITARY AIRCRAFT
 RT ∞ AIRCRAFT

NASA THESAURUS (VOLUME 1)

CHANCE-VOUGHT MILITARY AIRCRAFT
 USE CHANCE-VOUGHT AIRCRAFT
 MILITARY AIRCRAFT

CHANDLER MOTION

USE POLAR WANDERING (GEOLOGY)

CHANDRASEKHAR EQUATION

GS ANALYSIS (MATHEMATICS)
 . REAL VARIABLES
 . . DIFFERENTIAL EQUATIONS
 . . . **CHANDRASEKHAR EQUATION**
 RT ELECTROMAGNETIC ABSORPTION

CHANNEL CAPACITY

RT ALOHA SYSTEM
 BANDWIDTH
 ∞ CAPACITY
 FREQUENCIES
 PACKET TRANSMISSION

CHANNEL FLOW

GS FLUID FLOW
 . **CHANNEL FLOW**
 . . OPEN CHANNEL FLOW
 RT ANNULAR FLOW
 CORNER FLOW
 DREDGED MATERIALS
 DUCTED FLOW
 FLOW GEOMETRY
 FLUID INJECTION
 INCOMPRESSIBLE FLUIDS
 OUTLET FLOW
 PIPE FLOW
 WALL FLOW

CHANNEL MULTIPLIERS

UF CHANNELTRONS
 GS MULTIPLIERS
 . **CHANNEL MULTIPLIERS**
 RT AURORAL SPECTROSCOPY
 ELECTRON AVALANCHE
 MICROCHANNEL PLATES
 PHOTOMULTIPLIER TUBES
 RADIATION COUNTERS

CHANNEL NOISE

RT ALOHA SYSTEM
 BACKGROUND NOISE
 ELECTROMAGNETIC NOISE
 NOISE SPECTRA
 RANDOM NOISE
 SIGNAL TO NOISE RATIOS
 THERMAL NOISE
 TIME DIVISION MULTIPLE ACCESS

CHANNEL WINGS

GS AIRFOILS
 . WINGS
 . . **CHANNEL WINGS**
 PLANFORMS
 . WING PLANFORMS
 . . **CHANNEL WINGS**
 RT AERODYNAMIC CONFIGURATIONS
 AIRCRAFT DESIGN
 AIRCRAFT PARTS
 AIRCRAFT STRUCTURES

∞ CHANNELS

SN (USE OF A MORE SPECIFIC TERM IS
 RECOMMENDED—CONSULT THE TERMS
 LISTED BELOW)
 RT CHANNELS (DATA TRANSMISSION)
 COMPUTER STORAGE DEVICES
 DREDGED MATERIALS
 DUCTS
 FREQUENCIES
 MEDIA
 PARALLEL PLATES
 STRUCTURAL MEMBERS
 TELECOMMUNICATION
 THROATS

CHANNELS (DATA TRANSMISSION)

UF DATA BUSES
 RT ∞ CHANNELS
 DATA LINKS
 DATA PROCESSING
 DATA TRANSMISSION
 SINGLE CHANNEL PER CARRIER
 TRANSMISSION

CHANNELTRONS

USE CHANNEL MULTIPLIERS

CHAOTIC CLOUD PATTERNS
USE CLOUDS (METEOROLOGY)

CHAPARRAL

GS PLANTS (BOTANY)
BRUSH (BOTANY)
CHAPARRAL
RT BOTANY
COPSES
EARTH RESOURCES
TREES (PLANTS)

CHAPARRAL MISSILE

GS MISSILES
SURFACE TO AIR MISSILES
CHAPARRAL MISSILE
RT SPACE WEAPONS

CHAPLYGIN EQUATION

RT EQUATIONS
FLOW EQUATIONS
HODOGRAPHS
VECTOR SPACES

CHAPMAN SHEAR LAYER

USE SHEAR LAYERS

CHAPMAN-ENSKOG THEORY

UF ENSKOG-CHAPMAN THEORY
GS KINETIC THEORY
CHAPMAN-ENSKOG THEORY
RT BOLTZMANN TRANSPORT EQUATION
DISTRIBUTION FUNCTIONS
FLOW DISTRIBUTION
MONATOMIC GASES
RAREFIED GAS DYNAMICS
TEMPERATURE GRADIENTS
THERMAL DIFFUSION

CHAPMAN-FERRARO PROBLEM

RT PROBLEMS

CHAPMAN-JOUGET FLAME

USE CHEMICAL EQUILIBRIUM
DETONATION
FLAME PROPAGATION

CHARACTER RECOGNITION

GS RECOGNITION
PATTERN RECOGNITION
CHARACTER RECOGNITION
RT ARTIFICIAL INTELLIGENCE
CONTRAST
DETECTORS
GRAPHOLOGY
HANDWRITING
LEGIBILITY
OPTICAL DATA PROCESSING
OPTICAL SCANNERS
PERCEPTION
READERS
READING
RESOLUTION
SCENE ANALYSIS
SENSORS
SYMBOLS
VISIBILITY

CHARACTERISTIC EQUATIONS

USE EIGENVALUES
EIGENVECTORS

CHARACTERISTIC FUNCTIONS

USE EIGENVALUES
EIGENVECTORS

CHARACTERISTIC METHOD

USE METHOD OF CHARACTERISTICS

CHARACTERISTICS

SN *(USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)*
RT AERODYNAMIC CHARACTERISTICS
DYNAMIC CHARACTERISTICS
FLIGHT CHARACTERISTICS
FLOW CHARACTERISTICS
SEGRE CHARACTERISTIC
SPRAY CHARACTERISTICS
VOLT-AMPERE CHARACTERISTICS

CHARACTERIZATION

RT DESCRIPTIONS
EXAMINATION

CHARACTERIZATION-(CONT.)
REPRESENTATIONS**CHARACTERS**

USE SYMBOLS

CHARCOAL

GS CHEMICAL ELEMENTS
CARBON
CHARCOAL
ACTIVATED CARBON
FUELS
CHARCOAL
RT ADSORBENTS
COKE

CHARGE CARRIERS

GS CHARGE CARRIERS
FREE ELECTRONS
HOLES (ELECTRON DEFICIENCIES)
MAJORITY CARRIERS
MINORITY CARRIERS
RT CARRIER INJECTION
CARRIERS
ELECTRON MOBILITY
HOLE MOBILITY

CHARGE COUPLED DEVICES

UF CCD
GS ELECTRONIC EQUIPMENT
SOLID STATE DEVICES
SEMICONDUCTOR DEVICES
METAL OXIDE SEMICONDUCTORS
CHARGE TRANSFER DEVICES
CHARGE COUPLED DEVICES
FAIRCHILD CCD-450 MEMORY
DEVICE
RT BUCKET BRIGADE DEVICES
CCD STAR TRACKER
SEMICONDUCTORS (MATERIALS)

CHARGE DISTRIBUTION

GS DISTRIBUTION (PROPERTY)
CHARGE DISTRIBUTION
RT CURRENT DISTRIBUTION
ELECTRON DISTRIBUTION
ELECTROSTATIC CHARGE
FORCE DISTRIBUTION
HOLE DISTRIBUTION (ELECTRONICS)
ION DISTRIBUTION
MASS DISTRIBUTION
NEUTRAL ATOMS
POLARIZATION (CHARGE SEPARATION)

CHARGE EFFICIENCY

GS EFFICIENCY
CHARGE EFFICIENCY
RT BATTERY CHARGERS
CHARGING
ELECTRIC BATTERIES
PRIMARY BATTERIES
RECHARGING
STORAGE BATTERIES

CHARGE EXCHANGE

SN (COLLISIONAL TRANSFER OF AN
ELECTRON FROM A NEUTRAL ATOM OR
MOLECULE TO AN ION--EXCLUDES
SEMICONDUCTOR AND PHOTOCHEMICAL
CHARGE TRANSFER)
GS EXCHANGING
CHARGE EXCHANGE
RESONANCE CHARGE EXCHANGE
RT ELECTRON TRANSFER
ION ATOM INTERACTIONS
ION CHARGE
ION PRODUCTION RATES
PLASMA-PARTICLE INTERACTIONS
RECOIL IONS

CHARGE FLOW DEVICES

UF CFD
GS ELECTRONIC EQUIPMENT
SOLID STATE DEVICES
SEMICONDUCTOR DEVICES
TRANSISTORS
FIELD EFFECT TRANSISTORS
CHARGE FLOW DEVICES
RT INTEGRATED CIRCUITS
SENSORS

CHARGE SEPARATION

USE POLARIZATION (CHARGE SEPARATION)

CHARGE TRANSFER

SN (EXCLUDES COLLISIONAL CHARGE
EXCHANGE)
RT CARRIER INJECTION
CHARGED PARTICLES
ELECTRON TRANSFER
ION EXCHANGING
IONIC REACTIONS
MASS TRANSFER
PHOTOCHEMICAL REACTIONS
POLARIZATION (CHARGE SEPARATION)
TRANSFERRING

CHARGE TRANSFER DEVICES

UF CTD
GS ELECTRONIC EQUIPMENT
SOLID STATE DEVICES
SEMICONDUCTOR DEVICES
METAL OXIDE SEMICONDUCTORS
CHARGE TRANSFER DEVICES
BUCKET BRIGADE DEVICES
CHARGE COUPLED DEVICES
FAIRCHILD CCD-450 MEMORY
DEVICE
SEMICONDUCTORS (MATERIALS)
METAL OXIDE SEMICONDUCTORS
CHARGE TRANSFER DEVICES
RT ORGANIC CHARGE TRANSFER SALTS

CHARGED PARTICLES

GS GASES
IONIZED GASES
CHARGED PARTICLES
ARGON PLASMA
BOUNDARY LAYER PLASMAS
COLD PLASMAS
COLLISIONAL PLASMAS
STRONGLY COUPLED PLASMAS
COLLISIONLESS PLASMAS
CONDUCTION ELECTRONS
DENSE PLASMAS
STRONGLY COUPLED PLASMAS
ELECTRON PLASMA
ELLIPTICAL PLASMAS
HELIUM PLASMA
HIGH TEMPERATURE PLASMAS
LASER PLASMAS
METALLIC PLASMAS
CESIUM PLASMA
MICROPLASMAS
NITROGEN PLASMA
NUCLEI (NUCLEAR PHYSICS)
EVEN-EVEN NUCLEI
HEAVY NUCLEI
HYPERNUCLEI
ODD-EVEN NUCLEI
ODD-ODD NUCLEI
RAREFIED PLASMAS
RELATIVISTIC PLASMAS
ROTATING PLASMAS
SOLAR WIND
STELLAR WINDS
THERMAL PLASMAS
PARTICLES
CHARGED PARTICLES
ANIONS
ANTI-PROTONS
CATIONS
METAL IONS
FERRIC IONS
MANGANESE IONS
ENERGETIC PARTICLES
ELECTRONS
CONDUCTION ELECTRONS
HIGH ENERGY ELECTRONS
HOT ELECTRONS
N ELECTRONS
NEGATONS
PI-ELECTRONS
NUCLEI (NUCLEAR PHYSICS)
PLASMAS (PHYSICS)
ARGON PLASMA
BETA PARTICLES
BOUNDARY LAYER PLASMAS
COLD PLASMAS
COLLISIONAL PLASMAS
STRONGLY COUPLED PLASMAS
COLLISIONLESS PLASMAS
COSMIC PLASMA
CYLINDRICAL PLASMAS
DENSE PLASMAS
PLASMA FOCUS
STRONGLY COUPLED PLASMAS
ELECTRON PLASMA
ELLIPTICAL PLASMAS

CHARGING

CHARGED PARTICLES-(CONT.)

. . . . HELIUM PLASMA
 HIGH TEMPERATURE PLASMAS
 LASER PLASMAS
 METALLIC PLASMAS
 CESIUM PLASMA
 MICROPLASMAS
 NITROGEN PLASMA
 NONEQUILIBRIUM PLASMAS
 NONUNIFORM PLASMAS
 RAREFIED PLASMAS
 RELATIVISTIC PLASMAS
 ROTATING PLASMAS
 SOLAR WIND
 SPHERICAL PLASMAS
 STELLAR WINDS
 THERMAL PLASMAS
 MAGNETICALLY TRAPPED PARTICLES
 RADIATION BELTS
 ARTIFICIAL RADIATION BELTS
 INNER RADIATION BELT
 OUTER RADIATION BELT
 PROTON BELTS
 NEGATIVE IONS
 PARTONS
 PLASMA CLOUDS
 PLASMA LAYERS
 PLASMA SHEATHS
 PLASMA SLABS
 POSITRONS
 PROTONS
 RECOIL PROTONS
 SOLAR PROTONS
 TOROIDAL PLASMAS
 RT ANTINEUTRINOS
 ANTIPARTICLES
 BOSONS
 CHARGE TRANSFER
 CORPUSCULAR RADIATION
 COULOMB COLLISIONS
 COULOMB POTENTIAL
 CYCLOTRON FREQUENCY
 CYCLOTRON RADIATION
 CYCLOTRON RESONANCE
 DEUTERON IRRADIATION
 ELEMENTARY PARTICLES
 ETA-MESONS
 GYROFREQUENCY
 HELIOS PROJECT
 HYPERONS
 ION CHARGE
 K-MESONS
 KAONS
 LEPTONS
 LORENTZ FORCE
 MESON-NUCLEON INTERACTIONS
 MESONS
 MUON SPIN ROTATION
 MUONS
 NEUTRAL SHEETS
 NEUTRONS
 NONADIABATIC THEORY
 ∞NUCLEI
 NUCLEON-NUCLEON INTERACTIONS
 NUCLEONS
 OMEGA-MESONS
 PARTICLE CHARGING
 PARTICLE PRECIPITATION
 PARTICLE TRAJECTORIES
 PIONS
 REISSNER-NORDSTROM SOLUTION
 RHO-MESONS
 SIGMA-MESONS
 TRAPPED PARTICLES

∞CHARGING

SN (USE OF A MORE SPECIFIC TERM IS
 RECOMMENDED--CONSULT THE TERMS
 LISTED BELOW)
 RT BATTERY CHARGERS
 CHARGE EFFICIENCY
 ELECTRIC CHARGE
 ELECTROSTATIC CHARGE
 EXPLOSIVE DEVICES
 EXPLOSIVES
 FILLING
 INJECTION
 MAGNETIC CHARGE DENSITY
 SCATHA SATELLITE

CHARM (PARTICLE PHYSICS)

GS THEORETICAL PHYSICS
 . CHARM (PARTICLE PHYSICS)
 RT HADRONS
 LEPTONS

CHARM (PARTICLE PHYSICS)-(CONT.)

PARTICLE INTERACTIONS
 PARTICLE THEORY
 QUANTUM THEORY

CHARON

GS CELESTIAL BODIES
 . NATURAL SATELLITES
 . CHARON
 SATELLITES
 . NATURAL SATELLITES
 . CHARON
 RT CALLISTO
 DEIMOS
 EARTH-MOON SYSTEM
 EUROPA
 GALILEAN SATELLITES
 GANYMEDE
 IAPETUS
 IO
 PLANETARY ORBITS
 PLUTO (PLANET)
 SOLAR SYSTEM
 TITAN

CHARPY IMPACT TEST

GS IMPACT TESTS
 . CHARPY IMPACT TEST
 NOTCH TESTS
 . CHARPY IMPACT TEST
 RT BRITTLENESS
 DROP TESTS
 HARDNESS
 ∞MATERIALS TESTS
 NOTCH SENSITIVITY

CHARRING

RT ABLATION
 CARBONIZATION
 COMBUSTION
 DECOMPOSITION
 FIRE DAMAGE
 OXIDATION
 THERMAL ABSORPTION

CHARTS

GS CHARTS
 . FLOW CHARTS
 . GRAPHS (CHARTS)
 . BOND GRAPHS
 . GOMPertz CURVES
 . MOLLIER DIAGRAM
 . PATTERSON MAP
 . METEOROLOGICAL CHARTS
 . NAUTICAL CHARTS
 RT BLOCK DIAGRAMS
 DIAGRAMS
 DISPLAY DEVICES
 DRAWINGS
 GRAPHIC ARTS
 MAPS
 NAVIGATION AIDS
 NOMOGRAPHS
 ∞PLOTS
 STATISTICAL ANALYSIS
 STATISTICAL TESTS
 VISUAL AIDS

CHASSIS

GS FRAMES
 . CHASSIS
 RT AUTOMOBILES
 CARRIAGES
 ∞HEADERS
 STRUTS
 SUPPORTS
 UNDERCARRIAGES

CHEBYSHEV APPROXIMATION

GS ANALYSIS (MATHEMATICS)
 . NUMERICAL ANALYSIS
 . APPROXIMATION
 . . . CHEBYSHEV APPROXIMATION
 RT SERIES (MATHEMATICS)
 STATISTICAL ANALYSIS

CHECKOUT

SN (SEQUENCE OF TESTS TO DETERMINE
 FUNCTIONAL READINESS OF
 EQUIPMENT)
 UF DEBUGGING
 RT AIRCRAFT MAINTENANCE
 CEFOAM CHECKOUT EQUIPMENT
 CERTIFICATION
 COLD FLOW TESTS

CHECKOUT-(CONT.)

COUNTDOWN
 FILE MAINTENANCE (COMPUTERS)
 INSPECTION
 MAINTENANCE
 PERFORMANCE TESTS
 PREFIRING TESTS
 PROGRAM VERIFICATION (COMPUTERS)
 SPACE VEHICLE CHECKOUT PROGRAM
 ∞TEST EQUIPMENT
 ∞TESTS

CHECKOUT EQUIPMENT

USE TEST EQUIPMENT

CHELATE COMPOUNDS

USE CHELATES

CHELATES

UF CHELATE COMPOUNDS
 RT CHELATION
 ORGANOMETALLIC COMPOUNDS

CHELATION

RT CHELATES
 CHEMICAL REACTIONS

CHEMICAL ANALYSIS

GS CHEMICAL TESTS
 . CHEMICAL ANALYSIS
 . . ELECTROPHOTOMETRY
 . . GAS ANALYSIS
 . . OZONOMETRY
 . . VAN SLYKE METHOD
 . . GAS SPECTROSCOPY
 . . IODIMETRY
 . . KARL FISCHER REAGENT
 . . MICROANALYSIS
 . . NEUTRON ACTIVATION ANALYSIS
 . . PAPER CHROMATOGRAPHY
 . . POTENTIOMETRIC ANALYSIS
 . . QUALITATIVE ANALYSIS
 . . QUANTITATIVE ANALYSIS
 . . KJELDAHL METHOD
 . . VAN SLYKE METHOD
 . . SPECTROSCOPIC ANALYSIS
 . . URINALYSIS
 . . VOLUMETRIC ANALYSIS
 RT ALKALINITY
 ANALYTICAL CHEMISTRY
 ∞ANALYZING
 ASSAYING
 AUGER SPECTROSCOPY
 ∞CHEMISTRY
 CHROMATOGRAPHY
 COLORIMETRY
 COULOMETERS
 DENSITY MEASUREMENT
 DIFFRACTOMETERS
 ELECTRON PROBES
 FUEL TESTS
 GAS CHROMATOGRAPHY
 HYDROMETERS
 HYGROMETERS
 IDENTIFYING
 INFRARED SPECTROPHOTOMETERS
 INFRARED SPECTROSCOPY
 ION SELECTIVE ELECTRODES
 ISOTOPIC LABELING
 LIQUID CHROMATOGRAPHY
 MARS SURFACE SAMPLES
 MASS SPECTROMETERS
 MASS SPECTROSCOPY
 ∞MATERIALS TESTS
 ∞MEASUREMENT
 METHYLENE BLUE
 MOISTURE METERS
 MUTAGENS
 NEPHANALYSIS
 OPTICAL MEASUREMENT
 PARTICLE TRACKS
 PARTICULATE SAMPLING
 PHOTOMETRY
 PHYSICAL CHEMISTRY
 POLARIMETERS
 POLAROGRAPHY
 PSYCHROMETERS
 RADIOCHEMISTRY
 SAMPLING
 SPECTRAL SIGNATURES
 SPECTROMETERS
 SPECTROPHOTOMETERS
 SPECTROSCOPY
 ∞TESTS
 THERMOGRAVIMETRY

- CHEMICAL ANALYSIS-(CONT.)**
 TITRIMETERS
 X RAY ANALYSIS
- CHEMICAL ATTACK**
 GS **CHEMICAL ATTACK**
 . INTERGRANULAR CORROSION
 . TRANSGRANULAR CORROSION
 RT ∞ **ATTACK**
 CORROSION
 CORROSION PREVENTION
 CORROSION RESISTANCE
 CORROSION TESTS
 DEGRADATION
 DISSOLVING
 IMPREGNATING
 OXIDATION
 PASSIVITY
 PITTING
 RUSTING
 SCALE (CORROSION)
- CHEMICAL AUXILIARY POWER UNITS**
 GS AUXILIARY POWER SOURCES
 . **CHEMICAL AUXILIARY POWER UNITS**
 RT ELECTRIC BATTERIES
 FUEL CELLS
 LEAD ACID BATTERIES
 MAGNESIUM CELLS
- CHEMICAL BONDS**
 UF MOLECULAR BONDS
 GS **CHEMICAL BONDS**
 . COVALENT BONDS
 . HYDROGEN BONDS
 RT AGGLUTINATION
 BONDING
 COUPLED MODES
 COVALENCE
 CRYSTAL LATTICES
 IONIC CRYSTALS
 LIGANDS
 MOLECULES
 MONATOMIC MOLECULES
 OCTETS
 POLYATOMIC MOLECULES
 POLYMER
 SATURATION (CHEMISTRY)
 SWAN BANDS
 UNSATURATION (CHEMISTRY)
 VALENCE
- CHEMICAL CLEANING**
 GS **CHEMICAL CLEANING**
 . PICKLING (METALLURGY)
 RT CLEANING
 DESCALING
 DISSOLVING
- CHEMICAL CLOUDS**
 GS CLOUDS
 . CLOUDS (METEOROLOGY)
 . ARTIFICIAL CLOUDS
 . **CHEMICAL CLOUDS**
 BARIUM ION CLOUDS
 RT CHEMICAL RELEASE MODULES
 PARTICLES
 PLASMA CLOUDS
- CHEMICAL COMPOSITION**
 GS COMPOSITION (PROPERTY)
 . **CHEMICAL COMPOSITION**
 . . CARBON DIOXIDE CONCENTRATION
 RT ALKALINITY
 ATMOSPHERIC COMPOSITION
 ATOM CONCENTRATION
 BODY COMPOSITION (BIOLOGY)
 DISTRIBUTION (PROPERTY)
 GAS COMPOSITION
 IONOSPHERIC COMPOSITION
 LIGANDS
 METALLIC STARS
 PLANETARY STRUCTURE
 SPECTRAL SIGNATURES
- ∞ **CHEMICAL COMPOUNDS**
 SN *(USE OF A MORE SPECIFIC TERM IS
 RECOMMENDED--CONSULT THE TERMS
 LISTED BELOW)*
 RT ADDUCTS
 ALIPHATIC COMPOUNDS
 AMMINES
 ∞ **CHEMICALS**
 CLATHRATES
 CURIUM COMPOUNDS
- CHEMICAL COMPOUNDS-(CONT.)**
 DIBASIC COMPOUNDS
 DOPA
 DYSPROSIUM COMPOUNDS
 FURANS
 GALLIUM COMPOUNDS
 GERMANIUM COMPOUNDS
 HALOCARBONS
 HALOGEN COMPOUNDS
 INORGANIC COMPOUNDS
 INTERCALATION
 IRON COMPOUNDS
 LEAD COMPOUNDS
 METHOXY SYSTEMS
 MOLECULES
 MONATOMIC MOLECULES
 NEPTUNIUM COMPOUNDS
 NICKEL COMPOUNDS
 NITROGEN COMPOUNDS
 ORGANIC COMPOUNDS
 ORGANIC SEMICONDUCTORS
 ORGANIC SULFUR COMPOUNDS
 ORGANOMETALLIC COMPOUNDS
 OXYNITRIDES
 PALLADIUM COMPOUNDS
 PHOSGENE
 PLATINUM COMPOUNDS
 POLYATOMIC MOLECULES
 POLYQUINOXALINES
 RARE EARTH COMPOUNDS
 RUTHENIUM COMPOUNDS
 STYPHNATES
 TETRAHYDROFURAN
 WISWESSER NOTATIONS
 YTTERBIUM COMPOUNDS
- CHEMICAL DEFENSE**
 RT CIVIL DEFENSE
 CLOTHING
 DRUGS
 FIRST AID
 INJURIES
 MASKS
 NEUROLOGY
 PHYSIOLOGICAL FACTORS
 PROTECTIVE CLOTHING
 SAFETY DEVICES
 WARFARE
- CHEMICAL EFFECTS**
 GS STERILIZATION EFFECTS
 . **CHEMICAL EFFECTS**
 RT BIOLOGICAL EFFECTS
 ∞ EFFECTS
 TEMPERATURE EFFECTS
- CHEMICAL ELEMENTS**
 GS **CHEMICAL ELEMENTS**
 . ACTINIDE SERIES
 . . ACTINIUM
 . . RADIUM
 . . . RADIUM ISOTOPES
 RADIUM 226
 . . THORIUM
 . . . THORIUM ISOTOPES
 TRANSURANIUM ELEMENTS
 . . . AMERICIUM
 AMERICIUM ISOTOPES
 AMERICIUM 241
 . . . BERKELIUM
 . . . CALIFORNIUM
 CALIFORNIUM ISOTOPES
 CURIUM
 CURIUM ISOTOPES
 CURIUM 242
 CURIUM 244
 . . . EINSTEINIUM
 . . . FERMIUM
 . . . LAWRENCIUM
 . . . MENDELEVIUM
 . . . NEPTUNIUM
 NEPTUNIUM ISOTOPES
 . . . NOBELIUM
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 PLUTONIUM ISOTOPES
 PLUTONIUM 238
 PLUTONIUM 239
 PLUTONIUM 240
 PLUTONIUM 241
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 . . . SERGENIUM
 . . . URANIUM
 URANIUM ISOTOPES
 URANIUM 232
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 URANIUM 234
 URANIUM 235
 URANIUM 238
 . . . URANIUM PLASMAS
 . ALKALI METALS
 . CESIUM
 . . . CESIUM ISOTOPES
 CESIUM 133
 CESIUM 134
 CESIUM 137
 CESIUM 144
 . . . CESIUM VAPOR
 . . . FRANCIUM
 . . . LITHIUM
 LIQUID LITHIUM
 LITHIUM ISOTOPES
 . . . POTASSIUM
 LIQUID POTASSIUM
 POTASSIUM ISOTOPES
 POTASSIUM 38
 POTASSIUM 39
 POTASSIUM 40
 . . . RUBIDIUM
 RUBIDIUM ISOTOPES
 RUBIDIUM 86
 . . . SODIUM
 LIQUID SODIUM
 SODIUM ISOTOPES
 SODIUM 22
 SODIUM 24
 SODIUM VAPOR
 . . . ALKALINE EARTH METALS
 . . . BARIUM ISOTOPES
 . . . ALUMINUM
 ALUMINUM ISOTOPES
 ALUMINUM 26
 ALUMINUM 27
 POWDERED ALUMINUM
 SINTERED ALUMINUM POWDER
 . . . BARIUM
 BARIUM ISOTOPES
 . . . BERYLLIUM
 BERYLLIUM ISOTOPES
 BERYLLIUM 7
 BERYLLIUM 9
 BERYLLIUM 10
 . . . BISMUTH
 BISMUTH ISOTOPES
 . . . CADMIUM
 CADMIUM ISOTOPES
 . . . CALCIUM
 CALCIUM ISOTOPES
 . . . CARBON
 CARBON ISOTOPES
 CARBON 12
 CARBON 13
 CARBON 14
 . . . CHARCOAL
 ACTIVATED CARBON
 . . . COBALT
 COBALT ISOTOPES
 COBALT 58
 COBALT 60
 . . . COPPER
 COPPER ISOTOPES
 ELEMENT 104
 ELEMENT 105
 . . . GALLIUM
 GALLIUM ISOTOPES
 . . . GOLD
 GOLD ISOTOPES
 GOLD 198
 . . . HAFNIUM
 HAFNIUM ISOTOPES
 . . . HALOGENS
 ASTATINE
 BROMINE
 BROMINE ISOTOPES
 CHLORINE
 FLUORINE
 FLUORINE ISOTOPES
 IODINE
 IODINE ISOTOPES
 IODINE 125
 IODINE 131
 IODINE 132
 . . . HYDROGEN
 HYDROGEN ATOMS
 HYDROGEN IONS
 HYDROGEN ISOTOPES
 DEUTERIUM
 HYDROGEN 4
 METALLIC HYDROGEN
 TRITIUM
 . . . HYDROGEN PLASMA

CHARGING

CHEMICAL ELEMENTS-(CONT.)

. . . DEUTERIUM PLASMA
 . . . LIQUID HYDROGEN
 . . . ORTHO HYDROGEN
 . . . PARA HYDROGEN
 . . . INDIUM
 . . . IRON
 . . . IRON ISOTOPES
 . . . IRON 57
 . . . IRON 58
 . . . IRON 59
 . . . LEAD (METAL)
 . . . LEAD ISOTOPES
 . . . LIGHT ELEMENTS
 . . . MAGNESIUM
 . . . MAGNESIUM ISOTOPES
 . . . MANGANESE
 . . . MANGANESE ISOTOPES
 . . . MERCURY (METAL)
 . . . MERCURY ISOTOPES
 . . . MERCURY VAPOR
 . . . METALLOIDS
 . . . ANTIMONY
 . . . ANTIMONY ISOTOPES
 . . . ARSENIC
 . . . ARSENIC ISOTOPES
 . . . BORON
 . . . BORON ISOTOPES
 . . . BORON 10
 . . . GERMANIUM
 . . . GERMANIUM ISOTOPES
 . . . POLONIUM
 . . . POLONIUM ISOTOPES
 . . . POLONIUM 208
 . . . POLONIUM 209
 . . . POLONIUM 210
 . . . SILICON
 . . . SILICON ISOTOPES
 . . . TELLURIUM
 . . . TELLURIUM ISOTOPES
 . . . NICKEL
 . . . NICKEL ISOTOPES
 . . . NITROGEN
 . . . LIQUID NITROGEN
 . . . NITROGEN ATOMS
 . . . NITROGEN IONS
 . . . NITROGEN ISOTOPES
 . . . NITROGEN 15
 . . . NITROGEN 16
 . . . SOLID NITROGEN
 . . . NUCLIDES
 . . . ISOTOPES
 . . . ALUMINUM ISOTOPES
 . . . ALUMINUM 26
 . . . ALUMINUM 27
 . . . ANTIMONY ISOTOPES
 . . . ARGON ISOTOPES
 . . . BARIUM ISOTOPES
 . . . BERYLLIUM ISOTOPES
 . . . BERYLLIUM 7
 . . . BERYLLIUM 9
 . . . BERYLLIUM 10
 . . . BISMUTH ISOTOPES
 . . . BORON ISOTOPES
 . . . BORON 10
 . . . BROMINE ISOTOPES
 . . . CADMIUM ISOTOPES
 . . . CALCIUM ISOTOPES
 . . . CARBON ISOTOPES
 . . . CARBON 12
 . . . CARBON 13
 . . . CARBON 14
 . . . CERIUM ISOTOPES
 . . . CERIUM 137
 . . . CERIUM 144
 . . . CESIUM ISOTOPES
 . . . CESIUM 133
 . . . CESIUM 134
 . . . CESIUM 137
 . . . CESIUM 144
 . . . CESIUM VAPOR
 . . . CHROMIUM ISOTOPES
 . . . COBALT ISOTOPES
 . . . COBALT 58
 . . . COBALT 60
 . . . DYSPROSIUM ISOTOPES
 . . . ERBIUM ISOTOPES
 . . . EUROPIUM ISOTOPES
 . . . FLUORINE ISOTOPES
 . . . GADOLINIUM ISOTOPES
 . . . GALLIUM ISOTOPES
 . . . GERMANIUM ISOTOPES
 . . . HAFNIUM ISOTOPES
 . . . HELIUM ISOTOPES
 . . . HOLMIUM ISOTOPES
 . . . HYDROGEN ISOTOPES

CHEMICAL ELEMENTS-(CONT.)

. . . DEUTERIUM
 . . . HYDROGEN 4
 . . . TRITIUM
 . . . IODINE ISOTOPES
 . . . IODINE 125
 . . . IODINE 131
 . . . IODINE 132
 . . . IRIDIUM ISOTOPES
 . . . IRON ISOTOPES
 . . . IRON 57
 . . . IRON 58
 . . . IRON 59
 . . . KRYPTON ISOTOPES
 . . . KRYPTON 85
 . . . LANTHANUM ISOTOPES
 . . . LEAD ISOTOPES
 . . . LITHIUM ISOTOPES
 . . . LUTETIUM
 . . . LUTETIUM ISOTOPES
 . . . MANGANESE ISOTOPES
 . . . MERCURY ISOTOPES
 . . . NEODYMIUM ISOTOPES
 . . . NEON ISOTOPES
 . . . NICKEL ISOTOPES
 . . . NIOBIUM ISOTOPES
 . . . NIOBIUM 95
 . . . NITROGEN ISOTOPES
 . . . NITROGEN 15
 . . . NITROGEN 16
 . . . OXYGEN ISOTOPES
 . . . OXYGEN 18
 . . . PHOSPHORUS ISOTOPES
 . . . PHOSPHORUS 32
 . . . PLATINUM ISOTOPES
 . . . POLONIUM ISOTOPES
 . . . POLONIUM 208
 . . . POLONIUM 209
 . . . POLONIUM 210
 . . . POTASSIUM ISOTOPES
 . . . POTASSIUM 38
 . . . POTASSIUM 39
 . . . POTASSIUM 40
 . . . PRASEODYMIUM ISOTOPES
 . . . PROMETHIUM ISOTOPES
 . . . PROTACTINIUM ISOTOPES
 . . . RADIOACTIVE ISOTOPES
 . . . ARSENIC ISOTOPES
 . . . ASTATINE ISOTOPES
 . . . BERYLLIUM 7
 . . . BERYLLIUM 9
 . . . BERYLLIUM 10
 . . . CARBON 14
 . . . CERIUM 137
 . . . CERIUM 144
 . . . CESIUM 134
 . . . CESIUM 137
 . . . CESIUM 144
 . . . COBALT 58
 . . . COBALT 60
 . . . GOLD ISOTOPES
 . . . GOLD 198
 . . . INDIUM ISOTOPES
 . . . IODINE 125
 . . . IODINE 131
 . . . IODINE 132
 . . . IRON 59
 . . . KRYPTON 85
 . . . NIOBIUM 95
 . . . NITROGEN 16
 . . . PHOSPHORUS 32
 . . . POLONIUM 208
 . . . POLONIUM 209
 . . . POLONIUM 210
 . . . POTASSIUM 38
 . . . POTASSIUM 40
 . . . RUBIDIUM 86
 . . . SODIUM 22
 . . . SODIUM 24
 . . . STRONTIUM 85
 . . . STRONTIUM 88
 . . . STRONTIUM 89
 . . . STRONTIUM 90
 . . . TRANSURANIUM ELEMENTS
 . . . AMERICIUM
 . . . AMERICIUM ISOTOPES
 . . . BERKELIUM
 . . . CALIFORNIUM
 . . . CALIFORNIUM ISOTOPES
 . . . CURIUM
 . . . CURIUM ISOTOPES
 . . . EINSTEINIUM
 . . . FERMIUM
 . . . LAWRENCIUM
 . . . MENDELEVIUM
 . . . NEPTUNIUM

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CHEMICAL ELEMENTS-(CONT.)

. . . NEPTUNIUM ISOTOPES
 . . . NOBELIUM
 . . . PLUTONIUM
 . . . PLUTONIUM ISOTOPES
 . . . SERGENIUM
 . . . TRITIUM
 . . . URANIUM 232
 . . . URANIUM 233
 . . . URANIUM 238
 . . . XENON 133
 . . . XENON 135
 . . . ZIRCONIUM 95
 . . . RADIUM ISOTOPES
 . . . RADIUM 226
 . . . RADON ISOTOPES
 . . . RHODIUM ISOTOPES
 . . . RUBIDIUM ISOTOPES
 . . . RUBIDIUM 86
 . . . RUTHENIUM ISOTOPES
 . . . SCANDIUM ISOTOPES
 . . . SILVER ISOTOPES
 . . . SODIUM ISOTOPES
 . . . SODIUM 22
 . . . SODIUM 24
 . . . STRONTIUM ISOTOPES
 . . . STRONTIUM 85
 . . . STRONTIUM 87
 . . . STRONTIUM 89
 . . . STRONTIUM 90
 . . . TANTALUM ISOTOPES
 . . . TELLURIUM
 . . . TELLURIUM ISOTOPES
 . . . TERBIUM ISOTOPES
 . . . THORIUM ISOTOPES
 . . . THULIUM ISOTOPES
 . . . TIN ISOTOPES
 . . . TITANIUM ISOTOPES
 . . . URANIUM ISOTOPES
 . . . URANIUM 232
 . . . URANIUM 233
 . . . URANIUM 234
 . . . URANIUM 235
 . . . URANIUM 238
 . . . VANADIUM ISOTOPES
 . . . XENON ISOTOPES
 . . . XENON 129
 . . . XENON 133
 . . . XENON 135
 . . . YTTRIUM ISOTOPES
 . . . ZINC ISOTOPES
 . . . ZIRCONIUM ISOTOPES
 . . . ZIRCONIUM 95
 . . . OXYGEN
 . . . OXYGEN ATOMS
 . . . OXYGEN IONS
 . . . OXYGEN ISOTOPES
 . . . OXYGEN 17
 . . . OXYGEN 18
 . . . OXYGEN PLASMA
 . . . PALLADIUM
 . . . PHOSPHORUS
 . . . PHOSPHORUS ISOTOPES
 . . . PHOSPHORUS 32
 . . . PLATINUM
 . . . PLATINUM BLACK
 . . . PLATINUM ISOTOPES
 . . . PROTACTINIUM
 . . . PROTACTINIUM ISOTOPES
 . . . RARE EARTH ELEMENTS
 . . . CERIUM
 . . . CERIUM ISOTOPES
 . . . CERIUM 137
 . . . CERIUM 144
 . . . DYSPROSIUM
 . . . DYSPROSIUM ISOTOPES
 . . . ERBIUM
 . . . ERBIUM ISOTOPES
 . . . EUROPIUM
 . . . EUROPIUM ISOTOPES
 . . . GADOLINIUM
 . . . GADOLINIUM ISOTOPES
 . . . HOLMIUM
 . . . HOLMIUM ISOTOPES
 . . . LANTHANUM
 . . . LANTHANUM ISOTOPES
 . . . LUTETIUM
 . . . LUTETIUM ISOTOPES
 . . . NEODYMIUM
 . . . NEODYMIUM ISOTOPES
 . . . PRASEODYMIUM
 . . . PRASEODYMIUM ISOTOPES
 . . . PROMETHIUM
 . . . PROMETHIUM ISOTOPES
 . . . SAMARIUM
 . . . SAMARIUM ISOTOPES

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CHEMICAL REACTION CONTROL

CHEMICAL ELEMENTS-(CONT.)

.. SCANDIUM
 .. SCANDIUM ISOTOPES
 .. TERBIUM
 .. TERBIUM ISOTOPES
 .. THULIUM
 .. THULIUM ISOTOPES
 .. YTTERBIUM
 .. YTTERBIUM ISOTOPES
 .. YTTRIUM
 .. YTTRIUM ISOTOPES
 .. RARE GASES
 .. ARGON
 .. ARGON ISOTOPES
 .. HELIUM
 .. HELIUM ATOMS
 .. HELIUM FILM
 .. HELIUM ISOTOPES
 .. LIQUID HELIUM
 .. LIQUID HELIUM 2
 .. NEON
 .. LIQUID NEON
 .. NEON ISOTOPES
 .. RADON
 .. RADON ISOTOPES
 .. XENON
 .. XENON ISOTOPES
 .. XENON 129
 .. XENON 133
 .. XENON 135
 .. REFRACTORY METALS
 .. CHROMIUM
 .. CHROMIUM ISOTOPES
 .. IRIDIUM
 .. IRIDIUM ISOTOPES
 .. MOLYBDENUM
 .. NIOBIUM
 .. NIOBIUM ISOTOPES
 .. NIOBIUM 95
 .. OSMIUM
 .. OSMIUM ISOTOPES
 .. TANTALUM
 .. TANTALUM ISOTOPES
 .. TUNGSTEN
 .. TUNGSTEN ISOTOPES
 .. RHODIUM
 .. RHODIUM ISOTOPES
 .. RUTHENIUM
 .. RUTHENIUM ISOTOPES
 .. SELENIUM
 .. SILVER
 .. SILVER ISOTOPES
 .. STRONTIUM
 .. STRONTIUM ISOTOPES
 .. STRONTIUM 85
 .. STRONTIUM 87
 .. STRONTIUM 89
 .. STRONTIUM 90
 .. SULFUR
 .. SULFUR ISOTOPES
 .. TECHNETIUM
 .. THALLIUM
 .. THALLIUM ISOTOPES
 .. TIN
 .. TIN ISOTOPES
 .. TITANIUM
 .. TITANIUM ISOTOPES
 .. TRACE ELEMENTS
 .. VANADIUM
 .. VANADIUM ISOTOPES
 .. ZINC
 .. ZINC ISOTOPES
 .. ZIRCONIUM
 .. ZIRCONIUM ISOTOPES
 .. ZIRCONIUM 95

RT

.. ATOMS
 .. CHEMICALS
 .. ELEMENTS
 .. FERROUS METALS
 .. HEAVY ELEMENTS
 .. IONS
 .. ISOTOPIC ENRICHMENT
 .. LIGHT IONS
 .. METALS
 .. NONFERROUS METALS
 .. NUCLEAR ISOBARS
 .. TRACE CONTAMINANTS

CHEMICAL ENERGY

GS CHEMICAL ENERGY
 .. ENERGY OF FORMATION
 RT .. ENERGY
 .. FREE ENERGY
 .. INTERNAL ENERGY
 .. KINETIC ENERGY
 .. LEVEL

CHEMICAL ENERGY-(CONT.)

.. MOLECULAR ENERGY LEVELS
 .. NUCLEAR ENERGY
 .. POTENTIAL ENERGY

CHEMICAL ENGINEERING

RT AEROTHERMOCHEMISTRY
 .. CHEMISTRY
 .. CRACKING (CHEMICAL ENGINEERING)
 .. DIFFUSION
 .. ENGINEERING
 .. FLUID FLOW
 .. FURNACES
 .. HEAT TRANSFER
 .. MATERIALS HANDLING
 .. OPERATIONS
 .. THERMOCHEMISTRY

CHEMICAL EQUILIBRIUM

UF CHAPMAN-JOUGET FLAME
 .. CHEMICAL SHIFT
 GS CHEMICAL EQUILIBRIUM
 .. ACID BASE EQUILIBRIUM
 RT ASSOCIATION REACTIONS
 .. BUFFERS (CHEMISTRY)
 .. DISSOCIATION
 .. EQUILIBRIUM
 .. HEAT OF DISSOCIATION
 .. PHASE RULE
 .. REACTION KINETICS
 .. THERMODYNAMIC EQUILIBRIUM

CHEMICAL EVOLUTION

GS EVOLUTION (DEVELOPMENT)
 .. CHEMICAL EVOLUTION
 RT ABIOTIC EVOLUTION
 .. BIOLOGICAL EVOLUTION
 .. EVOLUTION
 .. EXOBIOLOGY
 .. LIFE SCIENCES
 .. ORGANIC COMPOUNDS
 .. PROTEIN SYNTHESIS

CHEMICAL EXPLOSIONS

GS EXPLOSIONS
 .. CHEMICAL EXPLOSIONS
 RT .. GAS EXPLOSIONS
 .. AERIAL EXPLOSIONS
 .. COMBUSTION
 .. DETONABLE GAS MIXTURES
 .. DETONATION
 .. EXPLOSIVES
 .. FLAMMABLE GASES
 .. UNDERGROUND EXPLOSIONS
 .. UNDERWATER EXPLOSIONS

CHEMICAL EXTINGUISHERS

USE FIRE EXTINGUISHERS

CHEMICAL FRACTIONATION

GS FRACTIONATION
 .. CHEMICAL FRACTIONATION
 RT DISTILLATION
 .. REFINING
 .. SEPARATION

CHEMICAL FUELS

GS FUELS
 .. CHEMICAL FUELS
 .. AEROZINE
 .. LIQUID FUELS
 .. AIRCRAFT FUELS
 .. LIQUID FUELS
 .. AUTOMOBILE FUELS
 .. LIQUID FUELS
 .. ENDOTHERMIC FUELS
 .. HIGH ENERGY FUELS
 .. HYDROCARBON FUELS
 .. DIESEL FUELS
 .. LIQUID FUELS
 .. GASOLINE
 .. LIQUID FUELS
 .. JET ENGINE FUELS
 .. JP-4 JET FUEL
 .. JP-5 JET FUEL
 .. JP-6 JET FUEL
 .. JP-8 JET FUEL
 .. LIQUID FUELS
 .. RP-1 ROCKET PROPELLANTS
 .. LIQUID FUELS
 .. SYNTHANE
 .. HYDROGEN FUELS
 .. LIQUID FUELS
 .. METAL FUELS
 .. SLURRY PROPELLANTS

CHEMICAL FUELS-(CONT.)

.. LIQUID FUELS
 .. SYNTHETIC FUELS
 .. GASOLINE (FUEL)
 .. LIQUID FUELS
 .. SYNTHANE
 RT CLEAN FUELS
 .. EXPLOSIVES
 .. FUEL PRODUCTION
 .. GELLED PROPELLANTS
 .. GELLED ROCKET PROPELLANTS
 .. HYBRID PROPELLANTS
 .. MONOPROPELLANTS
 .. PLASTIC PROPELLANTS
 .. PYROTECHNICS
 .. SOLID PROPELLANTS

CHEMICAL INDICATORS

RT .. INDICATORS
 .. METHYLENE BLUE
 .. PHENOLGLUCINOL

CHEMICAL KINETICS

USE REACTION KINETICS

CHEMICAL LASERS

GS STIMULATED EMISSION DEVICES
 .. LASERS
 .. CHEMICAL LASERS
 .. HCL LASERS
 RT ARGON LASERS
 .. CARBON DIOXIDE LASERS
 .. CARBON LASERS
 .. CARBON MONOXIDE LASERS
 .. GAS LASERS
 .. HCN LASERS
 .. HF LASERS
 .. INFRARED LASERS
 .. LIQUID LASERS
 .. ORGANIC LASERS
 .. Q SWITCHED LASERS
 .. TEA LASERS
 .. TUBE LASERS

CHEMICAL MACHINING

UF CHEMICAL MILLING
 GS MACHINING
 .. CHEMICAL MACHINING
 .. ELECTROCHEMICAL MACHINING
 RT MILLING (MACHINING)

CHEMICAL MILLING

USE CHEMICAL MACHINING

CHEMICAL PROPERTIES

GS CHEMICAL PROPERTIES
 .. ACIDITY
 .. HEAT OF SOLUTION
 .. SALINITY
 .. THERMOCHEMICAL PROPERTIES
 .. HEAT OF COMBUSTION
 .. HEAT OF FORMATION
 .. HEAT OF FUSION
 .. HEAT OF VAPORIZATION
 RT ADSORPTIVITY
 .. HIGH RESISTANCE
 .. HYGROSCOPICITY
 .. LOW RESISTANCE
 .. MOISTURE CONTENT
 .. PASSIVITY
 .. PHYSICAL PROPERTIES
 .. PROPELLANT PROPERTIES
 .. PROPERTIES
 .. RESISTANCE
 .. THERMODYNAMIC PROPERTIES
 .. TOXICITY
 .. TOXICITY AND SAFETY HAZARD

CHEMICAL PROPULSION

UF CHEMONUCLEAR PROPULSION
 GS PROPULSION
 .. CHEMICAL PROPULSION
 .. HYBRID PROPULSION
 RT JET PROPULSION
 .. MARINE PROPULSION
 .. SPACECRAFT PROPULSION
 .. UNDERWATER PROPULSION

CHEMICAL REACTION CONTROL

RT AGITATION
 .. CONTROL
 .. REACTION CONTROL
 .. TEMPERATURE CONTROL

CHEMICAL REACTIONS

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CHEMICAL REACTIONS

UF FLAME INTERACTION
 GS **CHEMICAL REACTIONS**
 . ACYLATION
 . ACETYLATION
 . ALKYLATION
 . AMMONOLYSIS
 . ASSOCIATION REACTIONS
 . ATOMIC RECOMBINATION
 . OXYGEN RECOMBINATION
 . CARBONIZATION
 . CARBOXYLATION
 . COPOLYMERIZATION
 . CRACKING (CHEMICAL ENGINEERING)
 . PYROLYSIS
 . DECARBONATION
 . DECARBOXYLATION
 . DEFLUORINATION
 . DEHYDROGENATION
 . DEIONIZATION
 . DENITROGENATION
 . DEPOLYMERIZATION
 . DESULFURIZING
 . DIELS-ALDER REACTIONS
 . ENDOTHERMIC REACTIONS
 . EPOXIDATION
 . EXOTHERMIC REACTIONS
 . FERMENTATION
 . FRIEDEL-CRAFT REACTION
 . GLYCOLYSIS
 . GRIGNARD REACTIONS
 . HALOGENATION
 . BROMINATION
 . CHLORINATION
 . FLUORINATION
 . HYDROBORATION
 . HYDROGENOLYSIS
 . HYDROLYSIS
 . ION RECOMBINATION
 . METAL-WATER REACTIONS
 . METHANATION
 . METHYLATION
 . MICHAEL REACTION
 . NITRATION
 . NITRIDING
 . NITROLYSIS
 . OXIDATION
 . ELECTROCHEMICAL OXIDATION
 . PHOTOOXIDATION
 . RUSTING
 . OXIDATION-REDUCTION REACTIONS
 . OXYGENATION
 . PHOSPHORYLATION
 . PHOTOCHEMICAL REACTIONS
 . PHOTOCHROMISM
 . PHOTODECOMPOSITION
 . PHOTOLYSIS
 RADIOLYSIS
 PHOTOSYNTHESIS
 . PYROHYDROLYSIS
 . REDUCTION (CHEMISTRY)
 . DEOXIDIZING
 HYDROGENATION
 . SABATIER REACTION
 . SULFATION
 . THERMAL DECOMPOSITION
 PYROLYSIS
 . THERMAL DISSOCIATION
 . TITRATION
 RT BIOSYNTHESIS
 . CHELATION
 . CORROSION
 . GAS-METAL INTERACTIONS
 . HYDRATION
 . INTERSTELLAR CHEMISTRY
 ∞ OPERATIONS
 . PARTICLE INTERACTIONS
 . PLASMA JET SYNTHESIS
 . POLYMERIZATION
 . RADIOCHEMICAL SEPARATION
 ∞ REACTION
 . REACTION BONDING
 . REACTION KINETICS
 . REACTIVITY
 . SODALITE
 . SOLVATION
 . STOICHIOMETRY
 . SURFACE REACTIONS
 ∞ SYNTHESIS
 . SYNTHESIS (CHEMISTRY)
 . SYNTHETIC FUELS
 . THERMOCHEMISTRY

CHEMICAL REACTORS

RT AUTOCLAVES
 BEDS (PROCESS ENGINEERING)

CHEMICAL REACTORS-(CONT.)

BURNERS
 COLUMNS (PROCESS ENGINEERING)
 CONTACTORS
 CONTRACTORS
 FLUIDIZED BED PROCESSORS
 FURNACES
 GAS GENERATORS
 ∞ GAS REACTORS
 . REACTOR DESIGN
 . REACTOR MATERIALS
 . REACTOR SAFETY
 ∞ REACTORS
 . SYNTHESIZERS
 . TANKS (CONTAINERS)
 . WATER COOLED REACTORS

CHEMICAL RELAXATION

USE MOLECULAR RELAXATION

CHEMICAL RELEASE MODULES

GS MODULES
 . **CHEMICAL RELEASE MODULES**
 RT CHEMICAL CLOUDS
 DISPERSING

CHEMICAL SHIFT

USE CHEMICAL EQUILIBRIUM

CHEMICAL STERILIZATION

GS STERILIZATION
 . **CHEMICAL STERILIZATION**
 RT ANTISEPTICS
 BACTERICIDES
 PURIFICATION
 SEWAGE TREATMENT
 SPACECRAFT STERILIZATION

CHEMICAL TESTS

GS **CHEMICAL TESTS**
 . CHEMICAL ANALYSIS
 ELECTROPHOTOMETRY
 GAS ANALYSIS
 OZONOMETRY
 VAN SLYKE METHOD
 GAS SPECTROSCOPY
 IODIMETRY
 KARL FISCHER REAGENT
 MICROANALYSIS
 NEUTRON ACTIVATION ANALYSIS
 PAPER CHROMATOGRAPHY
 POTENTIOMETRIC ANALYSIS
 QUALITATIVE ANALYSIS
 QUANTITATIVE ANALYSIS
 KJELDAHL METHOD
 VAN SLYKE METHOD
 SPECTROSCOPIC ANALYSIS
 URINALYSIS
 VOLUMETRIC ANALYSIS
 SALT SPRAY TESTS
 RT CORROSION RESISTANCE
 HIGH TEMPERATURE TESTS
 INSPECTION
 LIQUID CHROMATOGRAPHY
 LOW TEMPERATURE TESTS
 NONDESTRUCTIVE TESTS
 QUALITY CONTROL
 SAMPLING
 STAINING
 ∞ TESTS

CHEMICAL WARFARE

GS WARFARE
 . **CHEMICAL WARFARE**
 RT BIOCHEMISTRY
 PHYSIOLOGICAL FACTORS

∞ CHEMICALS

SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)*
 RT ∞ CHEMICAL COMPOUNDS
 CHEMICAL ELEMENTS

CHEMILUMINESCENCE

GS DECAY
 . EMISSION
 LIGHT EMISSION
 LUMINESCENCE
 **CHEMILUMINESCENCE**
 RT AIRGLOW
 PHOSPHORESCENCE

CHEMISORPTION

GS SORPTION
 . ADSORPTION
 **CHEMISORPTION**
 RT ADSORPTIVITY
 GAS-METAL INTERACTIONS
 HYDROGEN EMBRITTLEMENT
 MASKING

∞ CHEMISTRY

SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)*
 RT AEROTHERMOCHEMISTRY
 AEROTHERMODYNAMICS
 ANALYTICAL CHEMISTRY
 ATMOSPHERIC CHEMISTRY
 BIOCHEMISTRY
 BIOGEOCHEMISTRY
 CHEMICAL ANALYSIS
 CHEMICAL ENGINEERING
 CRYOCHEMISTRY
 ELECTROCHEMISTRY
 ENVIRONMENTAL CHEMISTRY
 GEOCHEMISTRY
 HYDROXYL RADICALS
 INORGANIC CHEMISTRY
 INTERSTELLAR CHEMISTRY
 MARINE CHEMISTRY
 NUCLEAR CHEMISTRY
 ORGANIC CHEMISTRY
 PHYSICAL CHEMISTRY
 PHYSIOCHEMISTRY
 PLASMA CHEMISTRY
 POLYMER CHEMISTRY
 PROPELLANT CHEMISTRY
 QUANTUM CHEMISTRY
 RADIATION CHEMISTRY
 RADIOCHEMISTRY
 STEREOCHEMISTRY
 STOICHIOMETRY
 THERMOCHEMISTRY
 WISWESSER NOTATIONS

CHEMONUCLEAR PROPULSION

USE CHEMICAL PROPULSION
 NUCLEAR PROPULSION

CHEMORECEPTORS

GS ANATOMY
 . SENSE ORGANS
 **CHEMORECEPTORS**
 RECEPTORS (PHYSIOLOGY)
 **CHEMORECEPTORS**
 RT CAROTID SINUS BODY
 OLFACTORY PERCEPTION
 TASTE

CHEMOSPHERE

GS EARTH' ATMOSPHERE
 . HOMOSPHERE
 MIDDLE ATMOSPHERE
 **CHEMOSPHERE**
 RT BIOSPHERE
 HETEROSPHERE
 IONOSPHERE
 LOWER ATMOSPHERE
 MESOSPHERE
 OZONOSPHERE
 PLASMASPHERE
 STRATOSPHERE
 THERMOSPHERE
 TROPOSPHERE
 UPPER ATMOSPHERE

CHEMOTHERAPY

UF DRUG THERAPY
 GS THERAPY
 . **CHEMOTHERAPY**
 RT ANTISEPTICS
 DRUGS

CHENA RIVER BASIN (AK)

GS LANDFORMS
 . STRUCTURAL BASINS
 RIVER BASINS
 **CHENA RIVER BASIN (AK)**
 RT ALASKA

CHESAPEAKE BAY (US)

GS BAYS (TOPOGRAPHIC FEATURES)
 . **CHESAPEAKE BAY (US)**
 RT MARYLAND
 RIVER BASINS
 SOUNDS (TOPOGRAPHIC FEATURES)

CHESAPEAKE BAY (US)-(CONT.)
VIRGINIA

CHEST
GS ANATOMY
 . **CHEST**
RT THORAX
 TORSO

CHEWING
USE MASTICATION

CHIAPAS (MEXICO)
RT MEXICO

CHIASMS
GS CROSSINGS
 . **CHIASMS**

CHICKENS
GS ANIMALS
 . VERTEBRATES
 . . . BIRDS
 . . . **CHICKENS**

CHILD DEVICE
RT LEARNING
 LEARNING THEORY
 TRAINING DEVICES

CHILD-LANGMUIR LAW
GS LAWS
 . **CHILD-LANGMUIR LAW**
RT PERVEANCE
 SPACE CHARGE
 THERMIONIC DIODES

CHILDREN
RT FEMALES
 HUMAN BEINGS
 MALES
 PARENTS
 PROGENY

CHILE
RT NATIONS
 SOUTH AMERICA

CHILLING
USE COOLING

CHIMES
USE AUDITORY SIGNALS

CHIMNEYS
RT ∞ BUILDINGS
 EXHAUST SYSTEMS
 FLUES
 FURNACES
 PLUMES
 STACKS
 VENTS
 WASTE ENERGY UTILIZATION

CHIMPANZEES
GS ANIMALS
 . VERTEBRATES
 . . MAMMALS
 . . . PRIMATES
 . . . **CHIMPANZEES**
 . WILDLIFE
 . **CHIMPANZEES**
RT HUMAN BEINGS

CHIN
GS ANATOMY
 . MUSCULOSKELETAL SYSTEM
 . **CHIN**
 FACE (ANATOMY)
 . **CHIN**
RT BONES

∞ **CHINA**
SN *(USE OF A MORE SPECIFIC TERM IS
 RECOMMENDED--CONSULT THE TERMS
 LISTED BELOW)*
RT CHINA (MAINLAND)
 CHINA (TAIWAN)
 HONG KONG

CHINA (COMMUNIST) MAINLAND
USE CHINA (MAINLAND)

CHINA (MAINLAND)
UF CHINA (COMMUNIST) MAINLAND
 CHINESE PEOPLES REPUBLIC
RT ASIA
 ∞ CHINA
 CHINA (TAIWAN)
 NATIONS

CHINA (TAIWAN)
UF REPUBLIC OF CHINA
RT ASIA
 ∞ CHINA
 CHINA (MAINLAND)
 CHINESE SPACE PROGRAMS
 CHINESE SPACECRAFT
 HONG KONG
 NATIONS

CHINESE PEOPLES REPUBLIC
USE CHINA (MAINLAND)

CHINESE SPACE PROGRAMS
GS PROGRAMS
 . SPACE PROGRAMS
 . . **CHINESE SPACE PROGRAMS**
RT CHINA (TAIWAN)
 ∞ RESEARCH PROJECTS
 SPACE MISSIONS

CHINESE SPACECRAFT
RT CHINA (TAIWAN)
 ∞ SPACECRAFT

CHINOOK HELICOPTER
USE CH-47 HELICOPTER

CHIPPING
RT ABRASION
 COMMUNION
 CUTTING
 FLAKING
 FRACTURING
 FRAGMENTATION
 PITTING
 ∞ SEPARATION
 SPALLING
 SPLITTING
 WEAR

CHIPS
RT CHIPS (ELECTRONICS)
 FRAGMENTS
 SCRAP

CHIPS (ELECTRONICS)
RT CHIPS
 INTEGRATED CIRCUITS
 LARGE SCALE INTEGRATION
 VHSIC (CIRCUITS)

CHIPS (MEMORY DEVICES)
RT ∞ DEVICES
 INTEGRATED CIRCUITS
 METAL-NITRIDE-OXIDE-SEMICONDUCTOR
 S
 SEMICONDUCTOR DEVICES

CHIRAL DYNAMICS
RT GROUP THEORY
 LAGRANGE MULTIPLIERS
 MATRICES (MATHEMATICS)

CHIRON
UF MINOR PLANET 2060
GS CELESTIAL BODIES
 . ASTEROID BELTS
 . . ASTEROIDS
 . . . **CHIRON**
RT APOLLO ASTEROIDS
 METEORIODS
 PLANETS
 SOLAR SYSTEM
 SPACE DEBRIS

CHIRONOMUS FLIES
GS ANIMALS
 . INVERTEBRATES
 . . ARTHROPODS
 . . . INSECTS
 . . . **CHIRONOMUS FLIES**
RT DROSOPHILA
 INFESTATION

CHIRP
GS ELECTROMAGNETIC INTERFERENCE
 . RADIO FREQUENCY INTERFERENCE
 . . **CHIRP**
 . . . CHIRP SIGNALS

CHIRP SIGNALS
GS ELECTROMAGNETIC INTERFERENCE
 . RADIO FREQUENCY INTERFERENCE
 . . CHIRP
 . . . **CHIRP SIGNALS**
RT ELECTROMAGNETIC NOISE
 ∞ SIGNALS

CHITIN
SN *(A POLYSACCHARIDE WHICH IS THE
 PRINCIPAL CONSTITUENT OF THE
 SHELLS OF CRABS AND LOBSTERS,
 THE SHARDS OF BEETLES, AND IS
 ALSO FOUND IN CERTAIN FUNGI)*
GS ALIPHATIC COMPOUNDS
 . POLYSACCHARIDES
 . . **CHITIN**
 CARBOHYDRATES
 . POLYSACCHARIDES
 . . **CHITIN**
RT GUMS (SUBSTANCES)
 STARCHES

CHLORAL
GS ALDEHYDES
 . **CHLORAL**
 ALIPHATIC COMPOUNDS
 . **CHLORAL**

CHLORATES
GS HALOGEN COMPOUNDS
 . CHLORINE COMPOUNDS
 . . **CHLORATES**
RT ∞ OXYGEN COMPOUNDS
 PERCHLORATES

CHLORELLA
GS ALGAE
 . **CHLORELLA**

CHLORIDES
UF PENTACHLORIDES
 TRICHLORIDES
GS HALOGEN COMPOUNDS
 . CHLORINE COMPOUNDS
 . . **CHLORIDES**
 . . . ALUMINUM CHLORIDES
 . . . AMMONIUM CHLORIDES
 . . . BERYLLIUM CHLORIDES
 . . . BORON CHLORIDES
 . . . CADMIUM CHLORIDES
 . . . CALCIUM CHLORIDES
 . . . CARBON TETRACHLORIDE
 . . . COPPER CHLORIDES
 . . . DICHLORIDES
 . . . GERMANIUM CHLORIDES
 . . . HYDROCHLORIDES
 . . . IRON CHLORIDES
 . . . LANTHANUM CHLORIDES
 . . . LEAD CHLORIDES
 . . . LITHIUM CHLORIDES
 . . . MAGNESIUM CHLORIDES
 . . . NITROSYL CHLORIDES
 . . . NITROXYCHLORIDES
 . . . NITRYL CHLORIDES
 . . . PHOSGENE
 . . . POTASSIUM CHLORIDES
 . . . SILICON TETRACHLORIDE
 . . . SILVER CHLORIDES
 . . . SODIUM CHLORIDES
 . . . SULFUR CHLORIDES
 . . . TETRACHLORIDES
 . . . TITANIUM CHLORIDES
 . . . TUNGSTEN CHLORIDES
 . . . ZINC CHLORIDES
 . HALIDES
 . . **CHLORIDES**
 . . . ALUMINUM CHLORIDES
 . . . AMMONIUM CHLORIDES
 . . . BERYLLIUM CHLORIDES
 . . . BORON CHLORIDES
 . . . CADMIUM CHLORIDES
 . . . CALCIUM CHLORIDES
 . . . CARBON TETRACHLORIDE
 . . . COPPER CHLORIDES
 . . . DICHLORIDES
 . . . GERMANIUM CHLORIDES
 . . . HYDROCHLORIDES
 . . . HYDROGEN CHLORIDES

CHLORINATION

CHLORIDES-(CONT.)

... HYDROCHLORIC ACID
... IRON CHLORIDES
... LANTHANUM CHLORIDES
... LEAD CHLORIDES
... LITHIUM CHLORIDES
... MAGNESIUM CHLORIDES
... NITROSYL CHLORIDES
... NITROXYCHLORIDES
... NITRYL CHLORIDES
... PHOSGENE
... POTASSIUM CHLORIDES
... SILICON TETRACHLORIDE
... SILVER CHLORIDES
... SODIUM CHLORIDES
... SULFUR CHLORIDES
... TETRACHLORIDES
... TITANIUM CHLORIDES
... TUNGSTEN CHLORIDES
... ZINC CHLORIDES
RT METHYL CHLORIDE
POLYVINYL CHLORIDE
SALT BEDS

CHLORINATION

GS CHEMICAL REACTIONS
... HALOGENATION
... CHLORINATION
RT BLEACHING
HYDROMETALLURGY
PYROMETALLURGY
WATER TREATMENT

CHLORINE

GS CHEMICAL ELEMENTS
... HALOGENS
... CHLORINE

CHLORINE COMPOUNDS

GS HALOGEN COMPOUNDS
... CHLORINE COMPOUNDS
... CHLORATES
... CHLORIDES
... ALUMINUM CHLORIDES
... AMMONIUM CHLORIDES
... BERYLLIUM CHLORIDES
... BORON CHLORIDES
... CADMIUM CHLORIDES
... CALCIUM CHLORIDES
... CARBON TETRACHLORIDE
... COPPER CHLORIDES
... DICHLORIDES
... GERMANIUM CHLORIDES
... HYDROCHLORIDES
... IRON CHLORIDES
... LANTHANUM CHLORIDES
... LEAD CHLORIDES
... LITHIUM CHLORIDES
... MAGNESIUM CHLORIDES
... NITROSYL CHLORIDES
... NITROXYCHLORIDES
... NITRYL CHLORIDES
... PHOSGENE
... POTASSIUM CHLORIDES
... SILICON TETRACHLORIDE
... SILVER CHLORIDES
... SODIUM CHLORIDES
... SULFUR CHLORIDES
... TETRACHLORIDES
... TITANIUM CHLORIDES
... TUNGSTEN CHLORIDES
... ZINC CHLORIDES
... CHLORINE FLUORIDES
... CHLORINE OXIDES
... CHLOROSILANES
... DICHLORODIPHENYLTRICHLOROETHANE
... MECLIZINE
... PERCHLORATES
... ALUMINUM PERCHLORATES
... AMMONIUM PERCHLORATES
... HYDRAZINE PERCHLORATES
... HYDROGEN PERCHLORATE
... HYDROXYLAMMONIUM
... PERCHLORATES
... LITHIUM PERCHLORATES
... MAGNESIUM PERCHLORATES
... NITRONIUM PERCHLORATE
... POTASSIUM PERCHLORATES
RT HALOCARBONS

CHLORINE FLUORIDES

GS HALOGEN COMPOUNDS
... CHLORINE COMPOUNDS
... CHLORINE FLUORIDES

CHLORINE FLUORIDES-(CONT.)

... FLUORINE COMPOUNDS
... FLUORIDES
... CHLORINE FLUORIDES
... HALIDES
... FLUORIDES
... CHLORINE FLUORIDES
RT LIQUID ROCKET PROPELLANTS

CHLORINE OXIDES

GS CHALCOGENIDES
... OXIDES
... CHLORINE OXIDES
... HALOGEN COMPOUNDS
... CHLORINE COMPOUNDS
... CHLORINE OXIDES

CHLOROAROMATICS

GS CHLOROAROMATICS
... CHLOROBENZENES
RT AROMATIC COMPOUNDS

CHLOROBENZENES

GS CHLOROAROMATICS
... CHLOROBENZENES
... HYDROCARBONS
... CHLOROBENZENES
RT BENZENE

CHLOROCARBONS

GS CARBON COMPOUNDS
... HALOCARBONS
... CHLOROCARBONS

CHLOROETHYLENE

GS ALIPHATIC COMPOUNDS
... CHLOROETHYLENE
... ETHYLENE COMPOUNDS
... CHLOROETHYLENE

CHLOROFORM

GS ALIPHATIC COMPOUNDS
... CHLOROFORM
... DRUGS
... ANESTHETICS
... CHLOROFORM
RT ANESTHESIOLOGY

CHLOROFORMATE

GS ESTERS
... CHLOROFORMATE
... FORMATES
... CHLOROFORMATE

CHLOROPHYLLS

GS MAGNESIUM COMPOUNDS
... CHLOROPHYLLS
... ORGANOMETALLIC COMPOUNDS
... CHLOROPHYLLS
... PIGMENTS
... CHLOROPHYLLS
... PORPHYRINS
RT BROWN WAVE EFFECT
CELLS (BIOLOGY)
CHLOROPLASTS
GREEN WAVE EFFECT
OCEAN COLOR SCANNER
PHOTOSYNTHESIS
PLANTS (BOTANY)
PORPHINES
SKIN (ANATOMY)

CHLOROPLASTS

RT CELLS (BIOLOGY)
CHLOROPHYLLS
CYTOPLASM
PHOTOSYNTHESIS

CHLOROPRENE RESINS

UF NEOPRENES
GS RUBBER
... SYNTHETIC RUBBERS
... ELASTOMERS
... CHLOROPRENE RESINS

CHLOROSILANES

GS HALOGEN COMPOUNDS
... CHLORINE COMPOUNDS
... CHLOROSILANES
... HYDROGEN COMPOUNDS
... HYDRIDES
... SILANES
... CHLOROSILANES

NASA THESAURUS (VOLUME 1)

CHLOROSILANES-(CONT.)

SILICON COMPOUNDS
... SILANES
... CHLOROSILANES

CHLORPROMAZINE

GS ALIPHATIC COMPOUNDS
... HYDRAZINES
... CHLORPROMAZINE

CHOCTAW HELICOPTER

USE CH-34 HELICOPTER

CHOICE

USE SELECTION

CHOKES

SN (EXCLUDES FUEL SYSTEM AND
ELECTRONIC DEVICES)
RT CHOKES (RESTRICTIONS)
... DIFFUSERS
... ELECTRIC COILS
... MIXING
... NOZZLE INSERTS
... NOZZLES

CHOKES (FUEL SYSTEMS)

RT CARBURETORS
FUEL SYSTEMS
ORIFICES

CHOKES (RESTRICTIONS)

RT CHOKES (FUEL SYSTEMS)
CLOSURES
CONSTRICTIONS
IMPEDANCE
... NOZZLES
... ORIFICES
... THROATS
... VALVES

CHOLERA

GS DISEASES
... INFECTIOUS DISEASES
... CHOLERA
RT DISORDERS
HUMAN PATHOLOGY
KIDNEY DISEASES
PARASITIC DISEASES
PATHOGENESIS
PATHOLOGICAL EFFECTS
PHYSIOLOGICAL EFFECTS

CHOLESKY FACTORIZATION

RT CONJUGATES
FINITE ELEMENT METHOD
ITERATIVE SOLUTION
REAL VARIABLES

CHOLESTEROL

GS STEROIDS
... CHOLESTEROL
RT ARTERIOSCLEROSIS
DIGITONIN
LIQUID CRYSTALS

CHOLINE

GS ALIPHATIC COMPOUNDS
... CHOLINE
... CARBOHYDRATES
... FATS
... CHOLINE
... ORGANIC COMPOUNDS
... FATS
... CHOLINE

CHOLINERGIC BLOCKING AGENTS

USE ANTICHOLINERGICS

CHOLINERGICS

GS DRUGS
... CHOLINERGICS
... ANTICHOLINERGICS

CHOLINESTERASE

GS ENZYMES
... CHOLINESTERASE
RT NEUROMUSCULAR TRANSMISSION

CHONDRITES

GS CELESTIAL BODIES
... METEORITES
... STONY METEORITES
... CHONDRITES

CHONDRITES-(CONT.)

... BRUDERHEIM METEORITE
 ... CARBONACEOUS CHONDRITES
 ... CARBONACEOUS METEORITES
 ... ALAIS METEORITE
 ... COLD BOKKEVELD METEORITE
 ... IVUNA METEORITE
 ... MURRAY METEORITE
 ... ORGUEIL METEORITE
 ... TONK METEORITE
 ... HVITTIS CHONDRITE
 ... PANTAR CHONDRITES
 ... PRIBRAM METEORITE
 ... YURTUK METEORITE
 RT ACHONDRITES
 TEKTITES

CHONDRULE

RT ENSTATITE

CHOPPERS (ELECTRIC)

USE ELECTRIC CHOPPERS

CHORDS (GEOMETRY)

UF AERODYNAMIC CHORDS
 GS GEOMETRY
 . EUCLIDEAN GEOMETRY
 . LINES (GEOMETRY)
 . CHORDS (GEOMETRY)
 RT CURVES (GEOMETRY)
 GEODESIC LINES
 TANGENTS

CHOROID MEMBRANES

GS ANATOMY
 . SENSE ORGANS
 . EYE (ANATOMY)
 . CHOROID MEMBRANES
 MEMBRANES
 . CHOROID MEMBRANES
 RT VISION

CHORUS (DAWN PHENOMENON)

USE DAWN CHORUS

CHORUS PHENOMENON

USE DAWN CHORUS

CHROMATES

UF DICHROMATES
 GS CHROMIUM COMPOUNDS
 . CHROMATES
 . POTASSIUM CHROMATES
 RT ∞ OXYGEN COMPOUNDS

CHROMATOGRAPHY

GS CHROMATOGRAPHY
 . GAS CHROMATOGRAPHY
 . LIQUID CHROMATOGRAPHY
 . PAPER CHROMATOGRAPHY
 . THIN LAYER CHROMATOGRAPHY
 RT ADSORPTION
 CHEMICAL ANALYSIS
 COLORIMETRY
 QUANTITATIVE ANALYSIS
 SORPTION

CHROME

USE CHROMIUM

CHROMIC ACID

GS ACIDS
 . CHROMIC ACID
 CHROMIUM COMPOUNDS
 . CHROMIC ACID

CHROMITES

GS CHALCOGENIDES
 . OXIDES
 . METAL OXIDES
 . CHROMIUM OXIDES
 . CHROMITES
 . IRON OXIDES
 . CHROMITES
 CHROMIUM COMPOUNDS
 . CHROMIUM OXIDES
 . CHROMITES
 IRON COMPOUNDS
 . IRON OXIDES
 . CHROMITES
 MINERALS
 . CHROMITES
 RT PERIDOTITE
 SERPENTINE

CHROMIUM

UF CHROME
 GS CHEMICAL ELEMENTS
 . REFRACTORY METALS
 . CHROMIUM
 . CHROMIUM ISOTOPES
 METALS
 . TRANSITION METALS
 . REFRACTORY METALS
 . CHROMIUM
 . CHROMIUM ISOTOPES
 REFRACTORY MATERIALS
 . REFRACTORY METALS
 . CHROMIUM
 . CHROMIUM ISOTOPES

CHROMIUM ALLOYS

GS ALLOYS
 . CHROMIUM ALLOYS
 . ASTROLOY (TRADEMARK)
 . CHROMIUM STEELS
 . RENE 41
 . RENE 63
 . RENE 77
 . RENE 95
 RT HEAT RESISTANT ALLOYS
 INCONEL (TRADEMARK)
 STAINLESS STEELS
 STELLITE (TRADEMARK)
 WASPALOY

CHROMIUM BORIDES

GS BORON COMPOUNDS
 . BORIDES
 . CHROMIUM BORIDES
 CHROMIUM COMPOUNDS
 . CHROMIUM BORIDES

CHROMIUM BROMIDES

GS CHROMIUM COMPOUNDS
 . CHROMIUM BROMIDES
 HALOGEN COMPOUNDS
 . BROMINE COMPOUNDS
 . BROMIDES
 . CHROMIUM BROMIDES
 . HALIDES
 . BROMIDES
 . CHROMIUM BROMIDES
 . METAL HALIDES
 . CHROMIUM BROMIDES

CHROMIUM CARBIDES

GS CARBON COMPOUNDS
 . CARBIDES
 . CHROMIUM CARBIDES
 CHROMIUM COMPOUNDS
 . CHROMIUM CARBIDES

CHROMIUM COMPOUNDS

GS CHROMIUM COMPOUNDS
 . CHROMATES
 . POTASSIUM CHROMATES
 . CHROMIC ACID
 . CHROMIUM BORIDES
 . CHROMIUM BROMIDES
 . CHROMIUM CARBIDES
 . CHROMIUM FLUORIDES
 . CHROMIUM OXIDES
 . CHROMITES
 RT ∞ GROUP 6B COMPOUNDS
 ∞ METAL COMPOUNDS

CHROMIUM FLUORIDES

GS CHROMIUM COMPOUNDS
 . CHROMIUM FLUORIDES
 HALOGEN COMPOUNDS
 . FLUORINE COMPOUNDS
 . FLUORIDES
 . METAL FLUORIDES
 . CHROMIUM FLUORIDES
 . HALIDES
 . METAL HALIDES
 . CHROMIUM FLUORIDES

CHROMIUM ISOTOPES

GS CHEMICAL ELEMENTS
 . NUCLIDES
 . ISOTOPES
 . CHROMIUM ISOTOPES
 . REFRACTORY METALS
 . CHROMIUM
 . CHROMIUM ISOTOPES
 METALS
 . TRANSITION METALS
 . REFRACTORY METALS

CHROMIUM ISOTOPES-(CONT.)

... CHROMIUM
 . CHROMIUM ISOTOPES
 REFRACTORY MATERIALS
 . REFRACTORY METALS
 . CHROMIUM
 . CHROMIUM ISOTOPES

CHROMIUM OXIDES

GS CHALCOGENIDES
 . OXIDES
 . METAL OXIDES
 . CHROMIUM OXIDES
 . CHROMITES
 CHROMIUM COMPOUNDS
 . CHROMIUM OXIDES
 . CHROMITES

CHROMIUM STEELS

GS ALLOYS
 . CHROMIUM ALLOYS
 . CHROMIUM STEELS
 . IRON ALLOYS
 . STEELS
 . CHROMIUM STEELS
 RT FERRITIC STAINLESS STEELS

CHROMOSOMES

GS CELLS (BIOLOGY)
 . CHROMOSOMES
 RT CONGENITAL ANOMALIES
 CYTOLOGY
 GENETIC CODE
 GENETICS
 MITOSIS
 MUTATIONS
 ∞ NUCLEI
 REPRODUCTIVE SYSTEMS
 TETRAD THEORY

CHROMOSPHERE

GS ENVIRONMENTS
 . EXTRATERRESTRIAL ENVIRONMENTS
 . STELLAR ATMOSPHERES
 . CHROMOSPHERE
 RT CORONAL LOOPS
 FACULAE
 PHOTOSPHERE
 SOLAR ATMOSPHERE
 SOLAR CORONA
 SOLAR PROMINENCES
 SPICULES
 STELLAR STRUCTURE
 STELLAR WINDS

CHRONAXY

GS TIME
 . REACTION TIME
 . CHRONAXY
 RT RESPONSES
 SENSORY STIMULATION
 THRESHOLDS (PERCEPTION)

CHRONIC CONDITIONS

GS CONDITIONS
 . CHRONIC CONDITIONS
 RT BLOOD VOLUME
 DISEASES
 DISORDERS
 HEALTH
 PHYSIOLOGY

CHRONOGRAPHS

USE CHRONOMETERS

CHRONOLOGY

UF AGE DETERMINATION
 DATING
 GS CHRONOLOGY
 . GEOCHRONOLOGY
 RT TIME

CHRONOMETERS

UF CHRONOGRAPHS
 GS MEASURING INSTRUMENTS
 . TIME MEASURING INSTRUMENTS
 . CLOCKS
 . CHRONOMETERS
 RT ATOMIC CLOCKS
 CLOCK PARADOX
 TIME MEASUREMENT
 TIMING DEVICES

CHRONOPHOTOGRAPHY

CHRONOPHOTOGRAPHY

- UF TIME LAPSE PHOTOGRAPHY
- GS IMAGERY
 - . CHRONOPHOTOGRAPHY
 - . PHOTOGRAPHY
 - . CHRONOPHOTOGRAPHY
- RT BLACK AND WHITE PHOTOGRAPHY
MOTION PICTURES

CHRONOTRONS

- USE PULSE RATE
TIME LAG

CHUCKCHI SEA

- GS SEAS
 - . CHUCKCHI SEA
- RT ARCTIC REGIONS

CHUGGING

- USE COMBUSTION STABILITY

CHUTES

- UF SLIDES
- RT CONVEYORS
MATERIALS HANDLING

CINDER CONES

- USE CONES (VOLCANOES)

CINEFLUOROGRAPHY

- USE MOTION PICTURES
RADIOGRAPHY

CINEMATOGRAPHY

- GS IMAGERY
 - . CINEMATOGRAPHY
 - . PHOTOGRAPHY
 - . CINEMATOGRAPHY
- RT BLACK AND WHITE PHOTOGRAPHY
CAMERAS
COLOR PHOTOGRAPHY
INFRARED PHOTOGRAPHY
MOTION PICTURES
STEREOPHOTOGRAPHY
STREAK CAMERAS

CINERADIOGRAPHY

- USE MOTION PICTURES
RADIOGRAPHY

CINESPECTROGRAPHS

- RT OPTICAL MEASURING INSTRUMENTS
SPECTROSCOPY

CINETHEODOLITES

- GS MEASURING INSTRUMENTS
 - . OPTICAL MEASURING INSTRUMENTS
 - . . . TRANSITS
 - THEODOLITES
 - CINETHEODOLITES
- OPTICAL EQUIPMENT
 - . OPTICAL MEASURING INSTRUMENTS
 - . . . TRANSITS
 - THEODOLITES
 - CINETHEODOLITES
- RT PHOTOGRAPHIC TRACKING
SATELLITE TRACKING

CIRCADIAN RHYTHMS

- UF DIURNAL RHYTHMS
- GS RHYTHM (BIOLOGY)
 - . CIRCADIAN RHYTHMS
- RT ACTIVITY CYCLES (BIOLOGY)

CIRCLES (GEOMETRY)

- GS GEOMETRY
 - . EUCLIDEAN GEOMETRY
 - . . CIRCLES (GEOMETRY)
 - . . . GREAT CIRCLES
- RT CIRCUMFERENCES
CURVES (GEOMETRY)
ELLIPSES
RADI
 - . RINGS
 - . SECTORS
 - . SEGMENTS
 - . SPHERES

CIRCUIT BOARDS

- RT ELECTRONIC PACKAGING
PRINTED CIRCUITS

CIRCUIT BREAKERS

- UF BREAKERS (ELECTRIC)

CIRCUIT BREAKERS-(CONT.)

- RT DISCONNECT DEVICES
DROPOUTS
ELECTRIC RELAYS
 - . FUSES
 - . SWITCHES
 - . SWITCHING CIRCUITS

CIRCUIT DIAGRAMS

- UF SCHEMATICS
- GS DIAGRAMS
 - . CIRCUIT DIAGRAMS
- RT ENGINEERING DRAWINGS
LAYOUTS
PHOTOMASKS

CIRCUIT PROTECTION

- GS PROTECTION
 - . CIRCUIT PROTECTION
- RT CAPACITORS
CIRCUITS
CURRENT REGULATORS
ELECTRIC FUSES
ELECTRIC POWER TRANSMISSION
ELECTRIC REACTORS
ELECTRICAL FAULTS
ELECTRICAL GROUNDING
ELECTRICAL INSULATION
EXPULSION
 - . FUSES
 - . OVERVOLTAGE
 - . PHASE CONTROL
 - . PHASE ERROR
 - . SNEAK CIRCUIT ANALYSIS
 - . SUPPRESSORS
 - . SURGES
 - . TRANSFORMERS
 - . TRANSMISSION CIRCUITS
 - . TRANSMISSION LINES
 - . VOLTAGE REGULATORS

CIRCUIT RELIABILITY

- GS RELIABILITY
 - . CIRCUIT RELIABILITY
- RT AIRCRAFT RELIABILITY
COMPONENT RELIABILITY
DRIFT (INSTRUMENTATION)
QUALITY CONTROL
SNEAK CIRCUIT ANALYSIS
SPACECRAFT RELIABILITY

CIRCUITS

- UF ELECTRIC CIRCUITS
EXPLODING CONDUCTOR CIRCUITS
SHUNTS
SUBCIRCUITS
- GS CIRCUITS
 - . ADDING CIRCUITS
 - . ANALOG CIRCUITS
 - . AUTODYNES
 - . BILITHIC CIRCUITS
 - . BISTABLE CIRCUITS
 - . CANCELLATION CIRCUITS
 - . CLAMPING CIRCUITS
 - . COINCIDENCE CIRCUITS
 - . COMPARATOR CIRCUITS
 - . CONJUGATED CIRCUITS
 - . COUNTING CIRCUITS
 - . SCALERS
 - . COUPLING CIRCUITS
 - . DELAY CIRCUITS
 - . PHANTASTRONS
 - . DIGITAL INTEGRATORS
 - . DIPLEXERS
 - . DISCRIMINATORS
 - . FRAUNHOFER LINE DISCRIMINATORS
 - . FREQUENCY DISCRIMINATORS
 - . ECHO SUPPRESSORS
 - . ELECTRIC BRIDGES
 - . WIRE BRIDGE CIRCUITS
 - . WHEATSTONE BRIDGES
 - . EQUIVALENT CIRCUITS
 - . FEEDBACK CIRCUITS
 - . FIRE CONTROL CIRCUITS
 - . FLUIDIC CIRCUITS
 - . FLIP-FLOPS
 - . GATES (CIRCUITS)
 - . THRESHOLD GATES
 - . HYBRID CIRCUITS
 - . INTEGRATED CIRCUITS
 - . DTL INTEGRATED CIRCUITS
 - . ENCAPSULATED MICROCIRCUITS
 - . LINEAR INTEGRATED CIRCUITS
 - . TTL INTEGRATED CIRCUITS
 - . VHSIC (CIRCUITS)

CIRCUITS-(CONT.)

- . ITERATIVE NETWORKS
- . LC CIRCUITS
- . LIMITER CIRCUITS
- . CLIPPER CIRCUITS
- . LINEAR CIRCUITS
- . LOGIC CIRCUITS
- . THRESHOLD GATES
- . MAGNETIC CIRCUITS
- . MATRICES (CIRCUITS)
- . MICROWAVE CIRCUITS
- . MIXING CIRCUITS
- . MULTIVIBRATORS
- . FLIP-FLOPS
- . MONOSTABLE MULTIVIBRATORS
- . NEGATIVE RESISTANCE CIRCUITS
- . OHMS LAW
- . PHASE DETECTORS
- . SYNCHROSCOPES
- . PHASE SHIFT CIRCUITS
- . CIRCULATORS (PHASE SHIFT CIRCUITS)
- . PNEUMATIC CIRCUITS
- . POWER SUPPLY CIRCUITS
- . PRINTED CIRCUITS
- . MEDIUM SCALE INTEGRATION
- . RC CIRCUITS
- . RL CIRCUITS
- . RLC CIRCUITS
- . SQUELCH CIRCUITS
- . SWEEP CIRCUITS
- . SWITCHING CIRCUITS
- . FLUID SWITCHING ELEMENTS
- . TRANSISTOR CIRCUITS
- . TRANSMISSION CIRCUITS
- . TRIGGER CIRCUITS
- . VARACTOR DIODE CIRCUITS
- RT AMPLIFIERS
BREADBOARD MODELS
CAPACITORS
 - . CASCADES
 - . CIRCUIT PROTECTION
 - . DIFFERENTIATORS
 - . DUALITY PRINCIPLE
 - . DUPLEXERS
 - . ELECTRIC CONNECTORS
 - . ELECTRIC CURRENT
 - . ELECTRIC EQUIPMENT
 - . ELECTRIC FILTERS
 - . ELECTRIC MOTORS
 - . ELECTRIC POWER TRANSMISSION
 - . ELECTRIC WIRE
 - . ELECTRICAL GROUNDING
 - . ELECTROMECHANICS
 - . ELECTRON TUBES
 - . FLAT CONDUCTORS
 - . INDUCTORS
 - . INTEGRATORS
 - . KIRCHHOFF LAW OF NETWORKS
 - . LOOPS
 - . MICROELECTRONICS
 - . MICROMINIATURIZATION
 - . MINIATURE ELECTRONIC EQUIPMENT
 - . MINIATURIZATION
 - . MODULES
 - . NETWORK ANALYSIS
 - . NETWORKS
 - . OSCILLATORS
 - . SELECTORS
 - . SHORT CIRCUITS
 - . SIGNAL GENERATORS
 - . SOLID STATE DEVICES
 - . SOLIONS
 - . STRIP
 - . TRANSMISSION LINES
 - . TREES (MATHEMATICS)
 - . UNDERGROUND TRANSMISSION LINES
 - . WIRING

CIRCULAR CONES

- GS CONES
 - . CIRCULAR CONES
- RT HALF CONES
NOSE CONES

CIRCULAR CYLINDERS

- RT CYLINDERS
 - . CYLINDRICAL BODIES
 - . CYLINDRICAL SHELLS
 - . ELLIPTICAL CYLINDERS

CIRCULAR ORBITS

- GS ORBITS
 - . CIRCULAR ORBITS
 - . . STATIONARY ORBITS

CIRCULAR ORBITS-(CONT.)

RT EARTH ORBITS
 ECCENTRIC ORBITS
 ELLIPTICAL ORBITS
 EQUATORIAL ORBITS
 GEOSYNCHRONOUS ORBITS
 LUNAR ORBITS
 ORBITAL MECHANICS
 PLANETARY ORBITS
 POLAR ORBITS
 QUADRATURES
 SATELLITE ORBITS
 SOLAR ORBITS
 SPACECRAFT ORBITS
 TWENTY-FOUR HOUR ORBITS

CIRCULAR PLATES

GS STRUCTURAL MEMBERS
 . PLATES (STRUCTURAL MEMBERS)
 . . **CIRCULAR PLATES**
 RT ANNULAR PLATES
 DISKS (SHAPES)
 END PLATES
 FLAT PLATES

CIRCULAR POLARIZATION

GS POLARIZATION (WAVES)
 . **CIRCULAR POLARIZATION**
 RT ELLIPTICAL POLARIZATION
 OPTICAL POLARIZATION

CIRCULAR SHELLS

GS SHELLS (STRUCTURAL FORMS)
 . **CIRCULAR SHELLS**
 RT CYLINDRICAL SHELLS
 HEMISPHERICAL SHELLS
 METAL SHELLS
 SPHERICAL SHELLS

CIRCULAR TUBES

RT CYLINDRICAL SHELLS
 DUCT GEOMETRY
 PIPES (TUBES)
 ∞ TUBES

CIRCULATION

UF RECIRCULATION
 GS **CIRCULATION**
 . ATMOSPHERIC CIRCULATION
 . BLOOD CIRCULATION
 . . BRAIN CIRCULATION
 . . CORONARY CIRCULATION
 . . INTERCRANIAL CIRCULATION
 . . INTRAVASCULAR SYSTEM
 . . ISCHEMIA
 . . OCULAR CIRCULATION
 . . PERIPHERAL CIRCULATION
 . . PULMONARY CIRCULATION
 . CARBOXYHEMOGLOBIN
 . CONGESTION
 . WATER CIRCULATION
 . . WATER CURRENTS
 . . . OCEAN CURRENTS
 . . . COASTAL CURRENTS
 . . . LOMONOSOV CURRENT
 RT ARTIFICIAL CARDIAC PACEMAKER
 BLOOD
 BLOOD PUMPS
 BLOWING
 ∞ CURRENTS
 DELIVERY
 DIFFUSION
 DISPERSING
 HEART IMPLANTATION
 PURGING
 ROTATION

CIRCULATION CONTROL AIRFOILS

GS AIRFOILS
 . **CIRCULATION CONTROL AIRFOILS**
 RT BLOWING
 BOUNDARY LAYER CONTROL
 COANDA EFFECT
 LIFT AUGMENTATION
 SHORT TAKEOFF AIRCRAFT
 UNDER SURFACE BLOWING
 UPPER SURFACE BLOWING

CIRCULATION CONTROL ROTORS

GS ROTATING BODIES
 . ROTORS
 . . ROTARY WINGS
 . . **CIRCULATION CONTROL ROTORS**
 RT VERTICAL TAKEOFF AIRCRAFT
 X WING ROTORS

CIRCULATORS (PHASE SHIFT CIRCUITS)

GS CIRCUITS
 . PHASE SHIFT CIRCUITS
 . . **CIRCULATORS (PHASE SHIFT CIRCUITS)**
 RT CAVITY RESONATORS
 DELAY CIRCUITS
 DUPLEXERS
 FARADAY EFFECT
 HALL GENERATORS
 LIMITER CIRCUITS

CIRCULATORY SYSTEM

GS ANATOMY
 . **CIRCULATORY SYSTEM**
 . . VASCULAR SYSTEM
 . . . BLOOD VESSELS
 ARTERIES
 AORTA
 CAPILLARIES (ANATOMY)
 GLOMERULUS
 VEINS
 RT ARTERIOSCLEROSIS
 ARTIFICIAL CARDIAC PACEMAKER
 BLOOD CIRCULATION
 BLOOD PUMPS
 CARDIOVASCULAR SYSTEM
 CAROTID SINUS BODY
 CAROTID SINUS REFLEX
 EXERCISE PHYSIOLOGY
 HEART
 HYPERTENSION
 HYPERTENSION

CIRCUMFERENCES

GS GEOMETRY
 . EUCLIDEAN GEOMETRY
 . . ANALYTIC GEOMETRY
 . . . **CIRCUMFERENCES**
 RT BOUNDARIES
 CIRCLES (GEOMETRY)
 DIAMETERS
 RADII

CIRCUMLUNAR COMMUNICATION

GS TELECOMMUNICATION
 . SPACE COMMUNICATION
 . . LUNAR COMMUNICATION
 . . . **CIRCUMLUNAR COMMUNICATION**
 RT INTERPLANETARY COMMUNICATION
 RADAR
 RADIO COMMUNICATION
 SPACECRAFT COMMUNICATION
 UNIFIED S BAND

CIRCUMLUNAR TRAJECTORIES

GS TRAJECTORIES
 . ROUND TRIP TRAJECTORIES
 . . **CIRCUMLUNAR TRAJECTORIES**
 . . SPACECRAFT TRAJECTORIES
 . . . LUNAR TRAJECTORIES
 . . . **CIRCUMLUNAR TRAJECTORIES**
 RT EARTH ORBITS
 EARTH-MOON TRAJECTORIES
 LUNAR FLIGHT
 LUNAR ORBITS
 MOON-EARTH TRAJECTORIES
 REENTRY TRAJECTORIES
 RENDEZVOUS TRAJECTORIES
 TRANSFER ORBITS

CIRCUMPOLAR WESTERLIES

GS WIND (METEOROLOGY)
 . **CIRCUMPOLAR WESTERLIES**
 RT ATMOSPHERIC CIRCULATION
 JET STREAMS (METEOROLOGY)
 WINDS ALOFT

CIRCUMSOLAR RADIATION

GS EXTRATERRESTRIAL RADIATION
 . SOLAR RADIATION
 . . **CIRCUMSOLAR RADIATION**
 RT ATMOSPHERIC SCATTERING
 LIGHT SCATTERING
 SCATTERING
 SUNLIGHT

CIRCUMSOLAR TELESCOPES

GS TELESCOPES
 . **CIRCUMSOLAR TELESCOPES**
 RT LENSES
 MEASURING INSTRUMENTS
 MIRRORS
 OPTICAL EQUIPMENT
 RADIATION PYROMETERS
 SOLAR ENERGY

CIRCUMSOLAR TELESCOPES-(CONT.)
 SOLAR RADIATION**CIRCUMSTELLAR MATTER**

USE STELLAR ENVELOPES

CIRQUES (LANDFORMS)

GS LANDFORMS
 . STRUCTURAL BASINS
 . . **CIRQUES (LANDFORMS)**
 RT GLACIERS
 ICE
 MOUNTAINS
 SNOW

CIRROCUMULUS CLOUDS

GS CLOUDS
 . CLOUDS (METEOROLOGY)
 . . **CIRROCUMULUS CLOUDS**
 RT ATMOSPHERIC MOISTURE
 CIRROSTRATUS CLOUDS
 CLIMATOLOGY
 CLOUD COVER
 FOG
 METEOROLOGY
 NEPHANALYSIS
 PRECIPITATION (METEOROLOGY)
 THUNDERSTORMS
 WEATHER

CIRROSTRATUS CLOUDS

GS CLOUDS
 . CLOUDS (METEOROLOGY)
 . . **CIRROSTRATUS CLOUDS**
 RT ATMOSPHERIC MOISTURE
 CIRROCUMULUS CLOUDS
 CLIMATOLOGY
 CLOUD COVER
 FOG
 METEOROLOGY
 NEPHANALYSIS
 PRECIPITATION (METEOROLOGY)
 THUNDERSTORMS
 WEATHER

CIRRUS CLOUDS

GS CLOUDS
 . CLOUDS (METEOROLOGY)
 . . CONVECTION CLOUDS
 . . . **CIRRUS CLOUDS**

CIRRUS SHIELDS

GS CLOUDS
 . CLOUDS (METEOROLOGY)
 . . **CIRRUS SHIELDS**
 RT CLIMATOLOGY
 METEOROLOGY
 WEATHER FORECASTING

CISLUNAR SPACE

GS ENVIRONMENTS
 . AEROSPACE ENVIRONMENTS
 . . **CISLUNAR SPACE**
 . . EXTRATERRESTRIAL ENVIRONMENTS
 . . . **CISLUNAR SPACE**
 RT DEEP SPACE
 EARTH-MOON TRAJECTORIES
 INTERPLANETARY SPACE
 LUNAR FLIGHT
 LUNAR ORBITS
 ∞ SPACE

CITIES

UF METROPOLITAN AREAS
 URBAN AREAS
 GS **CITIES**
 . ATLANTA (GA)
 . CEDAR RAPIDS (IA)
 . HOUSTON (TX)
 . MANITOU (CO)
 . MOSCOW
 . NEW HAVEN (CT)
 . PHOENIX (AZ)
 . PONTIAC (MI)
 . SAN FRANCISCO (CA)
 . VATICAN CITY
 RT ANTHROPOLOGY
 COMMUNITIES
 HEAT ISLANDS
 INDUSTRIAL AREAS
 INHABITANTS
 MEGALOPOLISES
 NATIONS
 RESIDENTIAL AREAS
 SOCIOLOGY

CITRATES

CITIES-(CONT.)

SUBURBAN AREAS
URBAN DEVELOPMENT
URBAN PLANNING
URBAN RESEARCH

CITRATES

RT CITRIC ACID
ESTERS

CITRIC ACID

GS ALIPHATIC COMPOUNDS
. CITRIC ACID
CARBOHYDRATES
RT CITRIC ACID
CITRATES

CITRUS TREES

GS PLANTS (BOTANY)
. TREES (PLANTS)
. CITRUS TREES
RT AGRICULTURE
BLIGHT
BOTANY
CROP GROWTH
CROP VIGOR
∞ CROPS
CURING
∞ FOOD
IRRIGATION
ORCHARDS
SEEDS

CIVIL AVIATION

UF COMMERCIAL AVIATION
RT ∞ AERONAUTICS
AIR LAW
AIRLINE OPERATIONS
COMMERCIAL AIRCRAFT
GENERAL AVIATION AIRCRAFT
PASSENGER AIRCRAFT

CIVIL DEFENSE

RT AIR DEFENSE
ANTIMISSILE DEFENSE
CHEMICAL DEFENSE
∞ DEFENSE
DEFENSE PROGRAM
EVACUATING (TRANSPORTATION)
NUCLEAR EXPLOSIONS
NUCLEAR WARFARE
PROTECTION
SENTINEL SYSTEM
SHELTERS
SURVIVAL
WARNING
WARNING SYSTEMS

CL-28 AIRCRAFT

UF CANADAIR CL-28 AIRCRAFT
GS ANTISUBMARINE WARFARE AIRCRAFT
. CL-28 AIRCRAFT
ATTACK AIRCRAFT
. BOMBER AIRCRAFT
. CL-28 AIRCRAFT
GENERAL DYNAMICS AIRCRAFT
. CANADAIR AIRCRAFT
. CL-28 AIRCRAFT
MONOPLANES
. CL-28 AIRCRAFT
OBSERVATION AIRCRAFT
. CL-28 AIRCRAFT
RECONNAISSANCE AIRCRAFT
. CL-28 AIRCRAFT

CL-41 AIRCRAFT

UF CANADAIR CL-41 AIRCRAFT
CT-114 AIRCRAFT
TUTOR AIRCRAFT
GS ATTACK AIRCRAFT
. CL-41 AIRCRAFT
GENERAL DYNAMICS AIRCRAFT
. CANADAIR AIRCRAFT
. CL-41 AIRCRAFT
JET AIRCRAFT
. CL-41 AIRCRAFT
MONOPLANES
. CL-41 AIRCRAFT
TRAINING AIRCRAFT
. CL-41 AIRCRAFT

CL-44 AIRCRAFT

UF CANADAIR CL-44 AIRCRAFT
CC-106 AIRCRAFT
YUKON AIRCRAFT

CL-44 AIRCRAFT-(CONT.)

GS GENERAL DYNAMICS AIRCRAFT
. CANADAIR AIRCRAFT
. CL-44 AIRCRAFT
JET AIRCRAFT
. TURBOPROP AIRCRAFT
. CL-44 AIRCRAFT
MONOPLANES
. CL-44 AIRCRAFT
TRANSPORT AIRCRAFT
. CARGO AIRCRAFT
. CL-44 AIRCRAFT

CL-84 AIRCRAFT

UF CANADAIR CL-84 AIRCRAFT
GS ANTISUBMARINE WARFARE AIRCRAFT
. CL-84 AIRCRAFT
GENERAL DYNAMICS AIRCRAFT
. CANADAIR AIRCRAFT
. CL-84 AIRCRAFT
JET AIRCRAFT
. TURBOPROP AIRCRAFT
. CL-84 AIRCRAFT
OBSERVATION AIRCRAFT
. CL-84 AIRCRAFT
RECONNAISSANCE AIRCRAFT
. CL-84 AIRCRAFT
TILT WING AIRCRAFT
. CL-84 AIRCRAFT
TRANSPORT AIRCRAFT
. CL-84 AIRCRAFT
V/STOL AIRCRAFT
. CL-84 AIRCRAFT

CL-595 HELICOPTER

USE XH-51 HELICOPTER

CL-600 CHALLENGER AIRCRAFT

GS GENERAL AVIATION AIRCRAFT
. CL-600 CHALLENGER AIRCRAFT
RT ∞ AIRCRAFT
∞ MILITARY AIRCRAFT
SUPERCRITICAL WINGS

CL-823 AIRCRAFT

UF LOCKHEED CL-823 AIRCRAFT
GS JET AIRCRAFT
. CL-823 AIRCRAFT
LOCKHEED AIRCRAFT
. CL-823 AIRCRAFT
SUPERSONIC AIRCRAFT
. SUPERSONIC TRANSPORTS
. CL-823 AIRCRAFT
TRANSPORT AIRCRAFT
. CL-823 AIRCRAFT

CLADDING

GS METAL WORKING
RT . CLADDING
ANODIC STRIPPING
CATHODIC COATINGS
COLD WORKING
COMPOSITE MATERIALS
EXPLOSIVE WELDING
EXTRUDING
LAMINATES
METAL COATINGS
METALLIZING
PLATING
PROTECTIVE COATINGS

CLAIMING

RT ∞ LAW
PATENTS
PREEMPTING

CLAMPING CIRCUITS

GS CIRCUITS
. CLAMPING CIRCUITS
RT LIMITER CIRCUITS
POWER LIMITERS

CLAMPS

RT ∞ BANDS
CLIPS
FASTENERS
HOLDERS
JIGS
MECHANICAL DEVICES
SEALING
STRAPS

CLARITY

RT ATMOSPHERIC OPTICS

NASA THESAURUS (VOLUME 1)

CLARITY-(CONT.)

ELECTROMAGNETIC PROPERTIES
HAZE
OPACITY
OPTICAL PROPERTIES
PURITY
∞ SHARPNESS
SOLUBILITY
TRANSPARENCY
TURBIDITY

CLARK Y AIRFOIL

USE AIRFOIL PROFILES

CLASSES

RT CATEGORIES
∞ GROUPS
∞ SECTIONS

CLASSIC AIRCRAFT

USE IL-62 AIRCRAFT

CLASSICAL MECHANICS

GS CLASSICAL MECHANICS
. SPACE MECHANICS
. ASTRODYNAMICS
. CELESTIAL MECHANICS
. ORBITAL MECHANICS
. KEPLER LAWS
. MINIMUM VARIANCE ORBIT
DETERMINATION
RT ANGULAR MOMENTUM
CONTINUUM MECHANICS
EQUATIONS OF MOTION
EULER-LAGRANGE EQUATION
HAMILTONIAN FUNCTIONS
LAGRANGE COORDINATES
MAXWELL BODIES
∞ MECHANICS (PHYSICS)
MOMENTUM
PHASE-SPACE INTEGRAL
POISSON EQUATION
QUATERNIONS
STATISTICAL MECHANICS

CLASSIFICATIONS

GS CLASSIFICATIONS
. HIERARCHIES
. BBGKY HIERARCHY
. DICHOTOMIES
. INDEXES (DOCUMENTATION)
. KWIC INDEXES
. SUBJECTS
RT ASTRONOMICAL CATALOGS
∞ BREAKDOWN
∞ CLASSIFYING
TAXONOMY
WISWESSER NOTATIONS

CLASSIFIERS

GS SEPARATORS
. CLASSIFIERS
. SIZING SCREENS
. THICKENERS (EQUIPMENT)
RT CENTRIFUGES
CONCENTRATING
CONCENTRATORS
FLOTATION
∞ SEPARATION
SHAKERS
SIZE DETERMINATION
SIZE SEPARATION
SPIRALS (CONCENTRATORS)

∞ CLASSIFYING

SN (USE OF A MORE SPECIFIC TERM IS
RECOMMENDED—CONSULT THE TERMS
LISTED BELOW)
UF SORTING
RT CLASSIFICATIONS
CONCENTRATORS
DISCRIMINANT ANALYSIS (STATISTICS)
EVALUATION
SECURITY
SELECTION
SIZE SEPARATION
TAXONOMY

CLATHRATES

RT ∞ CHEMICAL COMPOUNDS
CRYSTAL STRUCTURE
CRYSTALS
INCLUSIONS

CLAYS

- GS **CLAYS**
 . ILLITE
 . KAOLINITE
 . MONTMORILLONITE
 . VERMICULITE
- RT ALLUVIUM
 BOREHOLES
 BRICKS
 CERAMICS
 COLLOIDS
 FANS (LANDFORMS)
 GROUT
 MASONRY
 MINING
 MOLDING MATERIALS
 MUD
 REFRACTORY MATERIALS
 ROCKS
 SEDIMENTARY ROCKS
 SEDIMENTS
 SHALES
 SIZING MATERIALS
 SOILS
 STRIP MINING

CLEAN ENERGY

- RT AIR POLLUTION
 ENVIRONMENT POLLUTION
 ENVIRONMENTAL ENGINEERING
 GEOTHERMAL ENERGY CONVERSION
 SOLAR ENERGY
 TIDEPower
 WATER POLLUTION
 WATERWAVE ENERGY
 WINDPOWER UTILIZATION

CLEAN FUELS

- GS **FUELS**
 . **CLEAN FUELS**
 . . FUEL OILS
- RT BENEFICIATION
 CHEMICAL FUELS
 HYDROCARBON FUELS
 POLLUTION
 REFINING
 SYNTHETIC FUELS

CLEAN ROOMS

- GS **ROOMS**
 . **CLEAN ROOMS**
- RT ASSEMBLING
 CLEANLINESS
 CONTROLLED ATMOSPHERES
 ENVIRONMENTAL CONTROL

CLEANERS

- GS **CLEANERS**
 . AIR FILTERS
- RT ∞ ABSORBERS
 ABSORBERS (EQUIPMENT)
 ABSORBERS (MATERIALS)
 CLEANING
 CLEANLINESS
 SEPARATORS
 ULTRASONIC CLEANING
 WASHERS (CLEANERS)

CLEANING

- GS **CLEANING**
 . HOUSEKEEPING (SPACECRAFT)
 . ULTRASONIC CLEANING
- RT ABRASION
 ANTIFOULING
 ANTISEPTICS
 BLEACHING
 CHEMICAL CLEANING
 CLEANERS
 CLEANLINESS
 CLEARING
 CORROSION PREVENTION
 DECONTAMINATION
 DESCALING
 DISSOLVING
 DUST
 FLUSHING
 METAL FINISHING
 METAL POLISHING
 POLISHING
 PURIFICATION
 ∞ REDUCTION
 REFINING
 SCARFING
 SCAVENGING
 SCRUBBERS

CLEANING-(CONT.)

- ∞ SEPARATION
 STERILIZATION
 SURFACE FINISHING
 WASHING
 WASTE WATER

CLEANLINESS

- GS **CLEANLINESS**
 . HOUSEKEEPING (SPACECRAFT)
- RT CLEAN ROOMS
 CLEANERS
 CLEANING
 HYGIENE
 ORAL HYGIENE

CLEAR AIR TURBULENCE

- GS TURBULENCE
 . ATMOSPHERIC TURBULENCE
 . . **CLEAR AIR TURBULENCE**
- RT GUSTS
 JET STREAMS (METEOROLOGY)
 THERMAL INSTABILITY
 TURBULENT DIFFUSION
 WIND SHEAR

CLEARANCES

- RT ADJUSTING
 ALIGNMENT
 ALLOWANCES
 DATUM (ELEVATION)
 SPACING
 TIGHTNESS
 TOLERANCES (MECHANICS)

CLEARING

- RT CLEANING
 PURGING
 REMOVAL

CLEARINGS (OPENINGS)

- UF SLASHES
- RT DEFORESTATION
 FIREBREAKS
 FORESTS
 TREES (PLANTS)

CLEAVAGE

- UF SCISSION
- RT BRITTLE MATERIALS
 BRITTLENESS

CLEBSCH-GORDAN COEFFICIENTS

- GS COEFFICIENTS
 . **CLEBSCH-GORDAN COEFFICIENTS**
- RT ANGULAR MOMENTUM
 COUPLING

CLIFFS

- UF BLUFFS (LANDFORMS)
 CANYONS
- RT ESCARPMENTS
 FIORDS
 LANDSLIDES
 LEDGES
 ∞ SHELVES
 SLOPES
 TOPOGRAPHY

CLIMATE

- UF MACROCLIMATE
- RT CLIMATOLOGY
 LONG TERM EFFECTS
 METEOROLOGY
 WEATHER

CLIMATOLOGY

- GS **CLIMATOLOGY**
 . AGROCLIMATOLOGY
 . BIOCLIMATOLOGY
 . MICROCLIMATOLOGY
- RT ANTARCTIC REGIONS
 ANVIL CLOUDS
 ARCTIC REGIONS
 ATMOSPHERIC CIRCULATION
 CAP CLOUDS
 CIRROCUMULUS CLOUDS
 CIRROSTRATUS CLOUDS
 CIRRUS SHIELDS
 CLIMATE
 CLOUD COVER
 CLOUD DISPERSAL
 CLOUDS (METEOROLOGY)
 DENDROCHRONOLOGY

CLIMATOLOGY-(CONT.)

- DESERTLINE
 DESERTS
 ENVIRONMENTAL CHEMISTRY
 ENVIRONMENTAL ENGINEERING
 FOG DISPERSAL
 GEOGRAPHY
 HAILSTORMS
 HEAT ISLANDS
 HUMIDITY
 HYDROCLIMATOLOGY
 HYDROLOGY
 LIGHTNING SUPPRESSION
 METEOROLOGY
 MIDDLE ATMOSPHERE
 PERIODIC VARIATIONS
 PHENOLOGY
 POLAR METEOROLOGY
 POLAR REGIONS
 PRECIPITATION (METEOROLOGY)
 PRIMITIVE EQUATIONS
 RAINMAKING
 SEA BREEZE
 SEASONS
 SNOWSTORMS
 SOLAR RADIATION
 STORM ENHANCEMENT
 STORM SUPPRESSION
 STORMS
 STORMS (METEOROLOGY)
 SUNLIGHT
 TEMPERATE REGIONS
 TEMPERATURE
 TROPICAL REGIONS
 WEATHER
 WIND (METEOROLOGY)

CLIMBING FLIGHT

- GS ASCENT
 . **CLIMBING FLIGHT**
- RT ASCENT TRAJECTORIES
 COASTING FLIGHT
 ∞ FLIGHT
 FLIGHT PATHS
 HORIZONTAL FLIGHT
 PARABOLIC FLIGHT
 ROCKET FLIGHT
 SOARING
 TAKEOFF
 TURNING FLIGHT
 VERTICAL FLIGHT

CLINICAL MEDICINE

- RT ANESTHESIOLOGY
 BED REST
 BLOOD VOLUME
 CASE HISTORIES
 DIAGNOSIS
 EXAMINATION
 HEALING
 HEALTH
 HUMAN BEINGS
 MEDICAL SCIENCE
 ∞ MEDICINE
 ∞ OPERATIONS
 SURGERY
 TRANSPLANTATION
 ∞ TREATMENT

CLIPPER CIRCUITS

- GS CIRCUITS
 . LIMITER CIRCUITS
 . . **CLIPPER CIRCUITS**
- RT COMPARATOR CIRCUITS
 POWER LIMITERS

CLIPS

- RT ANCHORS (FASTENERS)
 ∞ BANDS
 CLAMPS
 COUPLINGS
 FASTENERS
 HOLDERS
 MECHANICAL DEVICES

CLOCK PARADOX

- GS TIME MEASUREMENT
 . **CLOCK PARADOX**
- RT ATOMIC CLOCKS
 CHRONOMETERS
 TIME SIGNALS
 TIMING DEVICES

CLOCKS

- UF WATCHES

CLOGGING**CLOCKS-(CONT.)**

- GS MEASURING INSTRUMENTS
 - . TIME MEASURING INSTRUMENTS
 - . **CLOCKS**
 - . . . ATOMIC CLOCKS
 - . . . AUTONOMOUS SPACECRAFT CLOCKS
 - . . . CHRONOMETERS
- RT TIME MEASUREMENT
 - . TIMING DEVICES

CLOGGING

- USE PLUGGING

CLOSE PACKED LATTICES

- GS CRYSTAL LATTICES
 - . **CLOSE PACKED LATTICES**
- RT BODY CENTERED CUBIC LATTICES
 - . FACE CENTERED CUBIC LATTICES

CLOSED BASINS

- USE STRUCTURAL BASINS

CLOSED CIRCUIT TELEVISION

- GS COMMUNICATION EQUIPMENT
 - . **CLOSED CIRCUIT TELEVISION**
 - . TELECOMMUNICATION
 - . **CLOSED CIRCUIT TELEVISION**
 - . TELEVISION SYSTEMS
 - . **CLOSED CIRCUIT TELEVISION**
- RT COLOR TELEVISION
 - . EDUCATIONAL TELEVISION
 - . STEREOTELEVISION
 - . TELEVISION CAMERAS
 - . TELEVISION RECEIVERS
 - . TELEVISION TRANSMISSION
 - . WIRELESS COMMUNICATION

CLOSED CYCLES

- SN (EXCLUDES CLOSED LOOP CONTROL SYSTEMS)
- RT CONTROL THEORY
 - . COOLING SYSTEMS
 - . ELECTRIC GENERATORS
 - . GAS TURBINES
 - . LOOPS
 - . NUCLEAR REACTORS
 - . PLASMA GENERATORS
 - . THERMAL CYCLING TESTS
 - . THERMODYNAMIC CYCLES

CLOSED ECOLOGICAL SYSTEMS

- UF BIOREGENERATIVE LIFE SUPPORT SYSTEMS
- GS SUPPORT SYSTEMS
 - . LIFE SUPPORT SYSTEMS
 - . **CLOSED ECOLOGICAL SYSTEMS**
- RT AEROSPACE MEDICINE
 - . BIOASTRONAUTICS
 - . ECOLOGY
 - . ECOSYSTEMS
 - . GNOTOBIOTICS
 - . LONG TERM EFFECTS
 - . OXYGEN PRODUCTION
 - . SPACECRAFT CABIN ATMOSPHERES
 - . SPACECRAFT ENVIRONMENTS
 - . SURVIVAL
 - . ∞ SYSTEMS

CLOSED FAULTS

- USE GEOLOGICAL FAULTS

CLOSED LOOP SYSTEMS

- USE FEEDBACK CONTROL

CLOSING

- RT BLOCKING
 - . PLUGGING
 - . SEALING
 - . STOPPING

CLOSTRIDIUM BOTULINUM

- GS MICROORGANISMS
 - . BACTERIA
 - . **CLOSTRIDIUM BOTULINUM**
- RT BACTERIOLOGY
 - . PATHOGENS
 - . TOXIC DISEASES

CLOSURE LAW

- GS LAWS
 - . **CLOSURE LAW**
- RT FIELD THEORY (PHYSICS)
 - . STATISTICAL MECHANICS

CLOSURE LAW-(CONT.)

TURBULENT FLOW

CLOSURES

- RT ∞ BARRIERS
 - . BLOCKING
 - . CHOKES (RESTRICTIONS)
 - . CONSTRUCTIONS
 - . COUPLINGS
 - . COVERINGS
 - . ENCLOSURES
 - . END PLATES
 - . FASTENERS
 - . FITTINGS
- ∞ GATES
 - . JOINTS (JUNCTIONS)
 - . PLUGGING
 - . PLUGS
 - . SEALS (STOPPERS)
 - . TIGHTNESS
 - . VALVES

CLOTH

- USE FABRICS

CLOTHING

- GS **CLOTHING**
 - . BOOTS (FOOTWEAR)
 - . COTTON FIBERS
 - . COVERALLS
 - . FLIGHT CLOTHING
 - . GARMENTS
 - . GLOVES
 - . GOGGLES
 - . PROTECTIVE CLOTHING
 - . HELMETS
 - . PRESSURE SUITS
 - . SPACE SUITS
 - . VAPOR BARRIER CLOTHING
 - . SHOES
 - . SOCKS
 - . SUITS
 - . PRESSURE SUITS
 - . SPACE SUITS
- RT BUTTONS (FASTENERS)
 - . CHEMICAL DEFENSE
 - . CONSUMABLES (SPACECREW SUPPLIES)
 - . COTTON
 - . CUFFS
 - . FABRICS
 - . LEATHER
 - . TEXTILES
 - . VESTS

CLOTTING

- RT BLOOD COAGULATION
 - . EMBOLISMS
 - . THROMBOCYTES
 - . THROMBOPLASTIN

CLOUD CHAMBERS

- GS IONIZATION CHAMBERS
 - . **CLOUD CHAMBERS**
- RT BUBBLE CHAMBERS
 - . ∞ CHAMBERS
 - . RADIATION COUNTERS
 - . SPARK CHAMBERS

CLOUD COVER

- UF OVERCAST
- RT ANVIL CLOUDS
 - . ∞ BLANKETS
 - . CAP CLOUDS
 - . CIRROCUMULUS CLOUDS
 - . CIRROSTRATUS CLOUDS
 - . CLIMATOLOGY
 - . CLOUDS (METEOROLOGY)
 - . FLIGHT CONDITIONS
 - . METEOROLOGICAL PARAMETERS
 - . METEOROLOGY
 - . METEOSAT SATELLITE
 - . NEPHANALYSIS
 - . SHADOWS
 - . SKY
 - . SKY BRIGHTNESS
 - . SOLAR RADIATION
 - . SUNLIGHT
 - . VENUS CLOUDS
 - . VENUS SURFACE
 - . WEATHER FORECASTING

CLOUD DISPERSAL

- GS WEATHER MODIFICATION
 - . **CLOUD DISPERSAL**
- RT CLIMATOLOGY

NASA THESAURUS (VOLUME 1)**CLOUD DISPERSAL-(CONT.)**

CLOUDS (METEOROLOGY)
DISPERSING

CLOUD GLACIATION

- GS ICE FORMATION
 - . **CLOUD GLACIATION**
- RT FREEZING
 - . HAIL
 - . ICE NUCLEI
 - . SNOW
 - . SNOW COVER

CLOUD HEIGHT INDICATORS

- UF CEILOMETERS
- GS MEASURING INSTRUMENTS
 - . INDICATING INSTRUMENTS
 - . **CLOUD HEIGHT INDICATORS**
 - . METEOROLOGICAL INSTRUMENTS
 - . **CLOUD HEIGHT INDICATORS**
 - . CEILINGS (METEOROLOGY)
- RT

CLOUD PHOTOGRAPHS

- GS PHOTOGRAPHS
 - . **CLOUD PHOTOGRAPHS**
- RT AERIAL PHOTOGRAPHY
 - . ALL SKY PHOTOGRAPHY
 - . SPACEBORNE PHOTOGRAPHY
 - . TIROS PROJECT

CLOUD PHOTOGRAPHY

- GS IMAGERY
 - . **CLOUD PHOTOGRAPHY**
 - . PHOTOGRAPHY
 - . **CLOUD PHOTOGRAPHY**
- RT AERIAL PHOTOGRAPHY
 - . ALL SKY PHOTOGRAPHY
 - . BLACK AND WHITE PHOTOGRAPHY
 - . DIRECT READOUT EQUATORIAL WEATHER SAT
 - . ESSA SATELLITES
 - . METEOROLOGICAL SATELLITES
 - . METEOSAT SATELLITE
 - . NIMBUS PROJECT
 - . NIMBUS SATELLITES
 - . NIMBUS 1 SATELLITE
 - . NIMBUS 2 SATELLITE
 - . SPACEBORNE PHOTOGRAPHY
 - . TIROS OPERATIONAL SATELLITE SYSTEM
 - . TIROS PROJECT
 - . TIROS SATELLITES

CLOUD PHYSICS

- GS ATMOSPHERIC PHYSICS
 - . **CLOUD PHYSICS**
- RT AITKEN NUCLEI
 - . ATMOSPHERIC CLOUD PHYSICS LAB (SPACELAB)
 - . ATMOSPHERIC ELECTRICITY
 - . CONDENSING
 - . CONVECTION CLOUDS
 - . DROP SIZE
 - . FOG DISPERSAL
 - . NEPHANALYSIS
 - . ∞ PHYSICS
 - . PRECIPITATION (METEOROLOGY)
 - . VENUS CLOUDS
 - . WEATHER MODIFICATION

CLOUD SEEDING

- GS NUCLEATION
 - . **CLOUD SEEDING**
 - . WEATHER MODIFICATION
 - . **CLOUD SEEDING**
- RT CLOUDS (METEOROLOGY)
 - . PRECIPITATION (METEOROLOGY)
 - . RAIN
 - . RAINMAKING
 - . STIMULATION

CLOUDS

- GS **CLOUDS**
 - . ANVIL CLOUDS
 - . CLOUDS (METEOROLOGY)
 - . ARTIFICIAL CLOUDS
 - . . . CHEMICAL CLOUDS
 - BARIUM ION CLOUDS
 - . . . CAP CLOUDS
 - . . . CIRROCUMULUS CLOUDS
 - . . . CIRROSTRATUS CLOUDS
 - . . . CIRRUS SHIELDS
 - . . . CONVECTION CLOUDS
 - . . . CIRRUS CLOUDS
 - . . . CUMULONIMBUS CLOUDS

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COASTAL CURRENTS

CLOUDS-(CONT.)

... NIMBOSTRATUS CLOUDS
... STRATOCUMULUS CLOUDS
... STRATUS CLOUDS
... CUMULUS CLOUDS
... NOCTILUCENT CLOUDS
... ELECTRON CLOUDS
... HYDROGEN CLOUDS
... MAGELLANIC CLOUDS
... MOLECULAR CLOUDS
... PLASMA CLOUDS
... VENUS CLOUDS
RT DROP SIZE
DUST
METEOROID DUST CLOUDS
PARTICLES

CLOUDS (METEOROLOGY)

UF CHAOTIC CLOUD PATTERNS
GS CLOUDS
... CLOUDS (METEOROLOGY)
... ARTIFICIAL CLOUDS
... CHEMICAL CLOUDS
... BARIUM ION CLOUDS
... CAP CLOUDS
... CIRROCUMULUS CLOUDS
... CIRROSTRATUS CLOUDS
... CIRRUS SHIELDS
... CONVECTION CLOUDS
... CIRRUS CLOUDS
... CUMULONIMBUS CLOUDS
... NIMBOSTRATUS CLOUDS
... STRATOCUMULUS CLOUDS
... STRATUS CLOUDS
... CUMULUS CLOUDS
... NOCTILUCENT CLOUDS
RT ACID RAIN
ALPINE METEOROLOGY
ATMOSPHERIC MOISTURE
CLIMATOLOGY
CLOUD COVER
CLOUD DISPERSAL
CLOUD SEEDING
DROP SIZE
FOG
FOG DISPERSAL
HYDROGEN CLOUDS
METEOROLOGY
NEPHANALYSIS
PLASMA CLOUDS
PRECIPITATION (METEOROLOGY)
SHADOWS
SKY
THUNDERSTORMS
WEATHER

CLUMPS

UF CLUSTERS
RT AGGLOMERATION
PATTERN RECOGNITION
REGRESSION ANALYSIS

CLUSTERS

USE CLUMPS

CLUTCHES

RT ENGINE PARTS
MECHANICAL DEVICES
MECHANICAL DRIVES

CLUTTER

GS ECHOES
... RADAR ECHOES
... CLUTTER
RT JAMMING
RADIO FREQUENCY INTERFERENCE

CMOS

UF COMPLEMENTARY METAL OXIDE
SEMICONDUCTORS
GS ELECTRONIC EQUIPMENT
... SOLID STATE DEVICES
... SEMICONDUCTOR DEVICES
... METAL OXIDE SEMICONDUCTORS
... CMOS
SEMICONDUCTORS (MATERIALS)
... METAL OXIDE SEMICONDUCTORS
... CMOS
RT LATCH-UP

CN EMISSION

UF CYANIDE EMISSION
GS DECAY
... EMISSION
... RADIO EMISSION

CN EMISSION-(CONT.)

... CN EMISSION
ELECTROMAGNETIC RADIATION
... RADIO WAVES
... RADIO EMISSION
... CN EMISSION
RT ELECTROMAGNETIC RADIATION
HYDROCYANIC ACID
MILLIMETER WAVES
RADIO SOURCES (ASTRONOMY)

CNOIDAL WAVES

RT ELASTIC WAVES
GRAVITY WAVES
SHALLOW WATER
SOLITARY WAVES
SURFACE WAVES
WATER DEPTH
WATER WAVES
∞ WAVES

COACHELLA VALLEY (CA)

GS VALLEYS
... COACHELLA VALLEY (CA)
RT CALIFORNIA
DESERTS

COAGULATION

GS COAGULATION
... BLOOD COAGULATION
RT ACCUMULATIONS
AGGLOMERATION
AITKEN NUCLEI
BLOOD
COALESCING
CONCENTRATING
DEPOSITION
EMBOLISMS
FIBRIN
FLOCCULATING
FLOTATION
GELATION
HARDENING (MATERIALS)
HEMORRHAGES
LUMPING
PRECIPITATION (CHEMISTRY)
∞ SEPARATION
∞ SETTLING
SETTLING
SOLIDIFICATION
THROMBOPENIA
WATER TREATMENT

COAL

GS RESOURCES
... EARTH RESOURCES
... FOSSIL FUELS
... COAL
... LIGNITE
... SOLVENT REFINED COAL
ROCKS
... COAL
... LIGNITE
... SOLVENT REFINED COAL
SEDIMENTARY ROCKS
... CARBONACEOUS ROCKS
... COAL
... LIGNITE
RT ASHES
ASPHALTENES
BITUMENS
CARBONACEOUS MATERIALS
COAL GASIFICATION
COAL LIQUEFACTION
COAL UTILIZATION
COKE
ENERGY POLICY
FLY ASH
HYDROLYSIS
PEAT
REGOLITH
SOILS
STRIP MINING
SYNTHANE

COAL DERIVED GASES

RT CATALYSTS
COAL DERIVED LIQUIDS
COAL GASIFICATION
COAL UTILIZATION
METHANE

COAL DERIVED LIQUIDS

RT ASPHALTENES
CATALYSTS

COAL DERIVED LIQUIDS-(CONT.)

COAL DERIVED GASES
COAL GASIFICATION
COAL LIQUEFACTION
COAL UTILIZATION

COAL GASIFICATION

GS GASIFICATION
... COAL GASIFICATION
... HYDROLYSIS
RT COAL
COAL DERIVED GASES
COAL DERIVED LIQUIDS
COAL LIQUEFACTION
CRACKING (CHEMICAL ENGINEERING)
ENERGY POLICY
FUEL CELL POWER PLANTS
GASES
HYDROCARBON FUELS
HYDROCRACKING
LIGNITE
METHANATION
SYNTHANE
VOLATILITY

COAL LIQUEFACTION

GS PHASE TRANSFORMATIONS
... LIQUEFACTION
... COAL LIQUEFACTION
RT ASPHALTENES
COAL
COAL DERIVED LIQUIDS
COAL GASIFICATION
ENERGY POLICY
HYDROCARBON FUELS
HYDROCRACKING
HYDROLYSIS
LIGNITE
MELTING
SOLVENT REFINED COAL

COAL UTILIZATION

GS UTILIZATION
... COAL UTILIZATION
RT COAL
COAL DERIVED GASES
COAL DERIVED LIQUIDS
ENERGY CONSUMPTION
ENERGY POLICY
ENERGY TECHNOLOGY
HYDROCARBON FUELS
LIGNITE
SOLVENT REFINED COAL

COALESCENCE

USE COALESCING

COALESCING

UF COALESCENCE
RT AGGLOMERATION
AGITATION
COAGULATION
CONCENTRATING
FLOCCULATING
MIXERS
∞ SEPARATION
SETTLING
THICKENERS (EQUIPMENT)

COANDA EFFECT

RT ∞ ATTACHMENT
BUBBLES
CIRCULATION CONTROL AIRFOILS
ENTRAINMENT
FLUID AMPLIFIERS
JET AMPLIFIERS
JET STREAMS (METEOROLOGY)
REATTACHED FLOW
∞ SEPARATION
THRUST AUGMENTATION

COARSENESS

RT FINENESS
REFLECTANCE
ROUGHNESS
SURFACE PROPERTIES
SURFACE ROUGHNESS
SURFACE STABILITY
SURFACE TEMPERATURE

COASTAL CURRENTS

UF LITTORAL CURRENTS
LONGSHORE CURRENTS
GS CIRCULATION
... WATER CIRCULATION

COASTAL DUNES

COASTAL CURRENTS-(CONT.)

... WATER CURRENTS
... OCEAN CURRENTS
... COASTAL CURRENTS
RT BEACHES
COASTS
∞ CURRENTS
OCEANOGRAPHY
OCEANS
SEA TRUTH
SEAS
TIDES
WETLANDS

COASTAL DUNES

USE DUNES

COASTAL ECOLOGY

GS ECOLOGY
... COASTAL ECOLOGY
RT BIOCLIMATOLOGY
COASTS
EARTH RESOURCES
ENVIRONMENT EFFECTS
ENVIRONMENTS
MARINE ENVIRONMENTS
MARINE RESOURCES
OIL POLLUTION
PHENOLOGY
THERMAL POLLUTION
WATERFOWL
WETLANDS

COASTAL MARSHLANDS

USE MARSHLANDS

COASTAL PLAINS

GS LAND
... PLAINS
... COASTAL PLAINS
RT BARS (LANDFORMS)
BEACHES
BIOCLIMATOLOGY
COASTS
EARTH RESOURCES
ECOLOGY
ENVIRONMENTS
PIEDMONT
WETLANDS

COASTAL RANGES (CA)

GS LANDFORMS
... MOUNTAINS
... COASTAL RANGES (CA)
RT CALIFORNIA
PACIFIC OCEAN

COASTAL WATER

GS WATER
... NEARSHORE WATER
... COASTAL WATER
RT ENVIRONMENT EFFECTS
OCEAN COLOR SCANNER
OCEANS
SEA WATER
SHELLFISHES
SHORELINES
VADOSE WATER
WATER DEPTH
WETLANDS

COASTAL ZONE COLOR SCANNER

GS SCANNERS
... COASTAL ZONE COLOR SCANNER

COASTING FLIGHT

RT ASCENT TRAJECTORIES
BALLISTIC TRAJECTORIES
CLIMBING FLIGHT
CRUISING FLIGHT
DESCENT TRAJECTORIES
∞ FLIGHT
MIDCOURSE TRAJECTORIES
PARABOLIC FLIGHT
ROCKET FLIGHT
SOARING

COASTS

RT BEACHES
CASPIAN SEA
COASTAL CURRENTS
COASTAL ECOLOGY
COASTAL PLAINS
CORAL REEFS

COASTS-(CONT.)

CUSPS (LANDFORMS)
DUNES
ESTUARIES
LAGOONS
LAKES
LITTORAL DRIFT
MARINE ENVIRONMENTS
OCEANS
SEAS
SHORELINES
TIDAL FLATS
UPWELLING WATER

COATING

GS COATING
... ANODIZING
... ELECTROPLATING
... ENCAPSULATING
... METALLIZING
RT ANODIC STRIPPING
COATINGS
CORROSION PREVENTION
DEPOSITION
FLAME PLATING
FLAME SPRAYING
LINING PROCESSES
METAL FINISHING
METAL SPRAYING
∞ METALLURGY
PLASMA SPRAYING
∞ PRIMING
SEALING
SILICONIZING
SPRAYING
SURFACE FINISHING
SURFACE PROPERTIES
VAPOR DEPOSITION

COATINGS

GS COATINGS
... ALUMINUM COATINGS
... ANTIRADAR COATINGS
... ANTIREFLECTION COATINGS
... BIREFRINGENT COATINGS
... CATHODIC COATINGS
... ELECTROPLATING
... ENAMELS
... ENCAPSULATING
... GLASS COATINGS
... GLAZES
... INORGANIC COATINGS
... ANODIC COATINGS
... CERAMIC COATINGS
... LACQUERS
... MAGNETIC FILMS
... METAL COATINGS
... GOLD COATINGS
... NICKEL COATINGS
... ZINC COATINGS
... METALLIZING
... PAINTS
... PLASTIC COATINGS
... PROTECTIVE COATINGS
... ANODIC COATINGS
... CERAMIC COATINGS
... PRIMERS (COATINGS)
... REFRACTORY COATINGS
... RUBBER COATINGS
... SPRAYED COATINGS
... THERMAL CONTROL COATINGS

RT

ADDITIVES
COATING
COMPOSITE MATERIALS
CORROSION
CORROSION PREVENTION
COVERINGS
CRYODEPOSITS
DEPOSITION
DEPOSITS
DIPPING
ELECTROLESS DEPOSITION
ENERGY ABSORPTION FILMS
EPOXY RESINS
FABRICS
∞ FILMS
FINISHES
FLAME SPRAYING
FURAN RESINS
HOT CORROSION
IMPREGNATING
INHIBITORS
LAMINATES
∞ LAYERS
LINING PROCESSES

COATINGS-(CONT.)

LININGS
METAL FILMS
METAL FINISHING
METAL SPRAYING
∞ METALLURGY
MOISTURE RESISTANCE
PASSIVITY
PAVEMENTS
PLASMA SPRAYING
PLASTICIZERS
∞ PRIMING
PROTECTION
RUSTING
SEALERS
SEALING
∞ SHEETS
SILICONIZING
SOLVENTS
SPRAYING
SUBSTRATES
SURFACE FINISHING
SURFACE PROPERTIES
THIN FILMS
VAPOR DEPOSITION
VENEERS
WATERPROOFING
WAXES
WEATHERPROOFING
WINGS

COAXIAL CABLES

UF COAXIAL TRANSMISSION
GS TRANSMISSION LINES
... COMMUNICATION CABLES
... COAXIAL CABLES
RT POWER LINES
SUBMARINE CABLES
WAVEGUIDES

COAXIAL FLOW

GS FLUID FLOW
... COAXIAL FLOW
RT ANNULAR FLOW
ANNULAR NOZZLES
AXIAL FLOW
AXISYMMETRIC FLOW
FLOW GEOMETRY
HILSCH TUBES
SHEAR FLOW
STRATIFIED FLOW
TWO DIMENSIONAL FLOW

COAXIAL NOZZLES

RT AIRCRAFT NOISE
AXIAL FLOW
FLUID FLOW
NOISE REDUCTION
NOZZLE-GEOMETRY
∞ NOZZLES
SUPERSONIC NOZZLES
VARIABLE CYCLE ENGINES

COAXIAL PLASMA ACCELERATORS

GS PLASMA ACCELERATORS
... COAXIAL PLASMA ACCELERATORS
RT PLASMA ENGINES
PLASMA GUNS

COAXIAL TRANSMISSION

USE COAXIAL CABLES
TRANSMISSION

COBALT

GS CHEMICAL ELEMENTS
... COBALT
... COBALT ISOTOPES
... COBALT 58
... COBALT 60
METALS
... TRANSITION METALS
... COBALT
... COBALT ISOTOPES
... COBALT 58
... COBALT 60

COBALT ACETATES

GS ACETATES
... COBALT ACETATES
COBALT COMPOUNDS
COBALT ACETATES
ESTERS
COBALT ACETATES

COBALT ALLOYS

GS ALLOYS
 . **COBALT ALLOYS**
 . . ASTROLOY (TRADEMARK)
 . . RENE 41
 . . RENE 63
 . . RENE 77
 . . RENE 95
 RT HEAT RESISTANT ALLOYS
 KOVAR (TRADEMARK)
 STELLITE (TRADEMARK)
 WASPALOY

COBALT COMPOUNDS

GS **COBALT COMPOUNDS**
 . COBALT ACETATES
 . COBALT FLUORIDES
 . COBALT OXALATES
 . COBALT OXIDES
 . COHENITE
 RT ∞ GROUP 8 COMPOUNDS
 ∞ METAL COMPOUNDS

COBALT FLUORIDES

GS COBALT COMPOUNDS
 . **COBALT FLUORIDES**
 HALOGEN COMPOUNDS
 . FLUORINE COMPOUNDS
 . . FLUORIDES
 . . METAL FLUORIDES
 . . . **COBALT FLUORIDES**
 . HALIDES
 . . METAL HALIDES
 . . **COBALT FLUORIDES**

COBALT ISOTOPES

GS CHEMICAL ELEMENTS
 . COBALT
 . . **COBALT ISOTOPES**
 . . . COBALT 58
 . . . COBALT 60
 . NUCLIDES
 . . ISOTOPES
 . . . **COBALT ISOTOPES**
 COBALT 58
 COBALT 60
 METALS
 . TRANSITION METALS
 . COBALT
 . . **COBALT ISOTOPES**
 . . . COBALT 58
 . . . COBALT 60

COBALT OXALATES

GS COBALT COMPOUNDS
 . **COBALT OXALATES**
 OXALATES
 . **COBALT OXALATES**

COBALT OXIDES

GS CHALCOGENIDES
 . OXIDES
 . . METAL OXIDES
 . . . **COBALT OXIDES**
 COBALT COMPOUNDS
 . **COBALT OXIDES**

COBALT 58

GS CHEMICAL ELEMENTS
 . COBALT
 . . COBALT ISOTOPES
 . . . **COBALT 58**
 . NUCLIDES
 . . ISOTOPES
 . . . COBALT ISOTOPES
 **COBALT 58**
 . . . RADIOACTIVE ISOTOPES
 **COBALT 58**
 METALS
 . TRANSITION METALS
 . COBALT
 . . COBALT ISOTOPES
 . . . **COBALT 58**

COBALT 60

GS CHEMICAL ELEMENTS
 . COBALT
 . . COBALT ISOTOPES
 . . . **COBALT 60**
 . NUCLIDES
 . . ISOTOPES
 . . . COBALT ISOTOPES
 **COBALT 60**
 . . . RADIOACTIVE ISOTOPES
 **COBALT 60**

COBALT 60-(CONT.)

METALS
 . TRANSITION METALS
 . COBALT
 . . COBALT ISOTOPES
 . . . **COBALT 60**

COBE

USE COSMIC BACKGROUND EXPLORER
 SATELLITE

COBOL

GS LANGUAGES
 . PROGRAMMING LANGUAGES
 . . **COBOL**
 RT FORTRAN
 PL/1

COBRA DANE (RADAR)

GS RADAR
 . SURVEILLANCE RADAR
 . . **COBRA DANE (RADAR)**
 . TRACKING RADAR
 . . **COBRA DANE (RADAR)**
 RT ANTENNA ARRAYS
 EARLY WARNING SYSTEMS
 MISSILE TRAJECTORIES
 RADAR SIGNATURES

COCCOMYCES

GS FUNGI
 . **COCCOMYCES**

COCHLEA

GS ANATOMY
 . SENSE ORGANS
 . . EAR
 . . . LABYRINTH
 **COCHLEA**
 RT CORTI ORGAN

COCK AIRCRAFT

USE AN-22 AIRCRAFT

COCKPIT SIMULATORS

GS SIMULATORS
 . TRAINING SIMULATORS
 . . FLIGHT SIMULATORS
 . . . **COCKPIT SIMULATORS**
 RT SPACECRAFT CABIN SIMULATORS
 TRAINING DEVICES

COCKPITS

RT AIRCRAFT COMPARTMENTS
 CABIN ATMOSPHERES
 ∞ CABINS
 . CANOPIES
 . EJECTION SEATS
 . FLYING EJECTION SEATS
 . FUSELAGES
 . PRESSURIZED CABINS
 . SPACE CAPSULES
 . SPACECRAFT CABIN ATMOSPHERES
 . SPACECRAFT CABINS
 . WINDSHIELDS

COCKROACHES

UF BLATTIDAE
 GS ANIMALS
 . INVERTEBRATES
 . . ARTHROPODS
 . . . INSECTS
 **COCKROACHES**

COCKS

UF STOPCOCKS
 GS VALVES
 . **COCKS**
 RT GAS VALVES
 HYDRAULIC EQUIPMENT

COD AIRCRAFT

USE C-2 AIRCRAFT

CODE DIVISION MULTIPLE ACCESS

UF CDMA
 GS TELECOMMUNICATION
 . MULTIPLE ACCESS
 . . **CODE DIVISION MULTIPLE ACCESS**
 . . RADIO COMMUNICATION
 . . . RADIO RELAY SYSTEMS
 **CODE DIVISION MULTIPLE ACCESS**
 TRANSMISSION
 . SIGNAL TRANSMISSION

CODE DIVISION MULTIPLE ACCESS-(CONT.)

. . DATA TRANSMISSION
 . . . MULTIPLE ACCESS
 **CODE DIVISION MULTIPLE ACCESS**
 RT ALOHA SYSTEM
 FREQUENCY DIVISION MULTIPLE ACCESS
 MULTICHANNEL COMMUNICATION
 MULTIPLEXING
 SATELLITE NETWORKS
 SWITCHING
 WIDEBAND COMMUNICATION

CODE DIVISION MULTIPLEXING

GS TRANSMISSION
 . MULTIPLEXING
 . . **CODE DIVISION MULTIPLEXING**
 RT DATA TRANSMISSION
 DEMULTIPLEXING
 FREQUENCY DIVISION MULTIPLE ACCESS
 RADIO COMMUNICATION
 RADIO TRANSMISSION
 SATELLITE TRANSMISSION
 SIGNAL TRANSMISSION
 TELECOMMUNICATION
 WAVELENGTH DIVISION MULTIPLEXING

CODERS

UF ENCODERS
 RT ANALOG TO DIGITAL CONVERTERS
 CODING
 DECODERS
 PROGRAMMERS

∞ CODES

SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)*
 RT BCH CODES
 BINARY CODES
 BITERNARY CODE
 CODING
 COLOR CODING
 CONCATENATED CODES
 CRYPTOGRAPHY
 DIGITS
 ERROR CORRECTING CODES
 ERROR DETECTION CODES
 MORSE CODE
 STANDARDS
 SYMBOLS

CODING

UF ENCODING
 NOTATION
 GS **CODING**
 . DECODING
 . REDUNDANCY ENCODING
 . SIGNAL ENCODING
 . WISWESSER NOTATIONS
 RT ADDRESSING
 ALPHABETS
 ANALOG TO DIGITAL CONVERTERS
 BCH CODES
 CODERS
 ∞ CODES
 . COLOR CODING
 . COMPUTER PROGRAMMING
 . COMPUTER PROGRAMS
 . CONCATENATED CODES
 . CRYPTOGRAPHY
 . DATA TRANSMISSION
 . DICTIONARIES
 . DIGITAL TECHNIQUES
 . ERROR DETECTION CODES
 . IDENTIFYING
 . INFORMATION THEORY
 . LANGUAGES
 . PARITY
 . PULSE COMPRESSION
 . SYMBOLIC PROGRAMMING
 . SYMBOLS

COEFFICIENT OF FRICTION

UF FRICTION COEFFICIENT
 GS COEFFICIENTS
 . **COEFFICIENT OF FRICTION**
 . SURFACE PROPERTIES
 . **COEFFICIENT OF FRICTION**
 RT FRICTION
 FRICTION FACTOR
 FRICTION REDUCTION
 KINETIC FRICTION

COEFFICIENTS

COEFFICIENT OF FRICTION-(CONT.)

SLIDING FRICTION
STATIC FRICTION

COEFFICIENTS

GS **COEFFICIENTS**
 . ACCOMMODATION COEFFICIENT
 . AERODYNAMIC COEFFICIENTS
 . ATTENUATION COEFFICIENTS
 . BINOMIAL COEFFICIENTS
 . CLEBSCH-GORDAN COEFFICIENTS
 . COEFFICIENT OF FRICTION
 . COHERENCE COEFFICIENT
 . CORRELATION COEFFICIENTS
 . COUPLING COEFFICIENTS
 . DIFFUSION COEFFICIENT
 . SORET COEFFICIENT
 . FLOW COEFFICIENTS
 . DISCHARGE COEFFICIENT
 . HEAT TRANSFER COEFFICIENTS
 . INFLUENCE COEFFICIENT
 . STRUCTURAL INFLUENCE COEFFICIENTS
 . IONIZATION COEFFICIENTS
 . NOZZLE THRUST COEFFICIENTS
 . ONSAGER PHENOMENOLOGICAL COEFFICIENT
 . RECOMBINATION COEFFICIENT
 . REGRESSION COEFFICIENTS
 . SCATTERING COEFFICIENTS
 . WIGNER COEFFICIENT
 RT ∞ CONSTANT
 . CONSTANTS
 . MECHANICAL PROPERTIES
 . OPTICAL PROPERTIES
 . POLYNOMIALS
 . STATISTICAL ANALYSIS
 ∞ WEIGHT

COENZYMES

GS **ENZYMES**
 . **COENZYMES**
 . . CYSTEAMINE
 . PROTEINS
 . **COENZYMES**
 . . GLUTATHIONE

COERCIVITY

RT **MAGNETIC PROPERTIES**
 . MAGNETIZATION

COESITE

GS **CHALCOGENIDES**
 . OXIDES
 . . DIOXIDES
 . . . SILICON DIOXIDE
 . . . QUARTZ
 . . . **COESITE**
 . . . SILICON OXIDES
 . . . SILICON DIOXIDE
 . . . QUARTZ
 . . . **COESITE**
 . MINERALS
 . QUARTZ
 . . **COESITE**
 . SILICON COMPOUNDS
 . SILICON OXIDES
 . SILICON DIOXIDE
 . . QUARTZ
 . . . **COESITE**
 RT **EARTH CRUST**
 . EARTH MANTLE
 . METEORITES
 . RUTILE
 . STISHOVITE
 . STONY METEORITES
 . TEKTITES

COFFEE

GS **FARM CROPS**
 . **COFFEE**
 RT **BEVERAGES**

COFFIN-MANSON LAW

GS **LAWS**
 . **COFFIN-MANSON LAW**
 RT **CRACK PROPAGATION**
 . FATIGUE LIFE
 . FATIGUE TESTS
 . METAL FATIGUE

COGENERATION

RT **ELECTRIC GENERATORS**
 . ELECTRIC POWER PLANTS
 . ENERGY CONVERSION

COGENERATION-(CONT.)

∞ GENERATION
 . HEAT GENERATION
 ∞ POWER PLANTS
 . SOLAR ENERGY CONVERSION
 . THERMAL ENERGY
 . WASTE ENERGY UTILIZATION

COGNITION

RT **ARTIFICIAL INTELLIGENCE**
 . DECISION MAKING
 . IDENTIFYING
 . IFF SYSTEMS (IDENTIFICATION)
 . PERCEPTION

COGNITIVE PSYCHOLOGY

GS **PSYCHOLOGY**
 . **COGNITIVE PSYCHOLOGY**

COGO (PROGRAMMING LANGUAGE)

UF **COORDINATE GEOMETRY LANGUAGE**
 GS **LANGUAGES**
 . PROGRAMMING LANGUAGES
 . **COGO (PROGRAMMING LANGUAGE)**
 RT ∞ PROGRAMMING

COHENITE

GS **COBALT COMPOUNDS**
 . **COHENITE**
 . IRON COMPOUNDS
 . **COHENITE**
 . MINERALS
 . **COHENITE**
 . NICKEL COMPOUNDS
 . **COHENITE**

∞ COHERENCE

SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)*
 RT **COHERENT RADIATION**
 . COHERENT SCATTERING
 . COHESION
 . CONGRUENCES
 . ELASTIC SCATTERING
 . INTELLIGIBILITY
 . LASER OUTPUTS
 . LASERS
 . MASER OUTPUTS
 . PHASE COHERENCE
 . WAVE DISPERSION
 . WAVE PROPAGATION

COHERENCE COEFFICIENT

GS **COEFFICIENTS**
 . **COHERENCE COEFFICIENT**
 RT **COHERENT RADAR**
 . COHERENT RADIATION
 ∞ INTERFERENCE
 . NOISE PROPAGATION
 . PHASE COHERENCE
 . STOCHASTIC PROCESSES

COHERENT ACOUSTIC RADIATION

GS **COHERENT RADIATION**
 . **COHERENT ACOUSTIC RADIATION**
 . ELASTIC WAVES
 . **COHERENT ACOUSTIC RADIATION**
 RT **ULTRASONIC RADIATION**
 . UNDERWATER ACOUSTICS

COHERENT ANTI-STOKES RAMAN SPECTROSCOPY

USE **RAMAN SPECTROSCOPY**

COHERENT ELECTROMAGNETIC RADIATION

GS **COHERENT RADIATION**
 . **COHERENT ELECTROMAGNETIC RADIATION**
 . **COHERENT LIGHT**
 . ELECTROMAGNETIC RADIATION
 . **COHERENT ELECTROMAGNETIC RADIATION**
 . . COHERENT LIGHT
 . BEAMS (RADIATION)
 . HOLOGRAPHY
 . INFRARED RADIATION
 . INTERSTELLAR MASERS
 . IONIZING RADIATION
 . KRYPTON FLUORIDE LASERS
 . LASERS
 . LIGHT (VISIBLE RADIATION)
 . MASERS
 . MODULATED CONTINUOUS RADIATION

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COHERENT ELECTROMAGNETIC-(CONT.)

MONOCHROMATIC RADIATION
 RADIO WAVES
 STIMULATED EMISSION
 STIMULATED EMISSION DEVICES
 TRAVELING WAVE MASERS
 ULTRAVIOLET RADIATION

COHERENT LIGHT

GS **COHERENT RADIATION**
 . COHERENT ELECTROMAGNETIC RADIATION
 . **COHERENT LIGHT**
 . ELECTROMAGNETIC RADIATION
 . COHERENT ELECTROMAGNETIC RADIATION
 . **COHERENT LIGHT**
 . LIGHT (VISIBLE RADIATION)
 . **COHERENT LIGHT**
 RT **GAMMA RAY LASERS**
 . HCN LASERS
 . HOLOGRAPHIC INTERFEROMETRY
 . HOLOGRAPHY
 . LASER OUTPUTS
 . LASERS
 . MONOCHROMATIC RADIATION
 . NEODYMIUM LASERS
 . OPTICAL MEMORY (DATA STORAGE)
 . PHASE COHERENCE
 . PLASMA DYNAMIC LASERS
 . RARE GAS-HALIDE LASERS
 . SCATTER PLATES (OPTICS)
 . SHIVA LASER SYSTEM
 . STIMULATED EMISSION
 . TWO-WAVELENGTH LASERS
 . ULTRAVIOLET LASERS

COHERENT RADAR

GS **RADAR**
 . **COHERENT RADAR**
 RT **COHERENCE COEFFICIENT**
 . CONTINUOUS WAVE RADAR
 . DOPPLER RADAR
 . MOVING TARGET INDICATORS
 . PULSE DOPPLER RADAR
 . PULSE RADAR
 . RADAR DETECTION
 . SEARCH RADAR
 . SURVEILLANCE RADAR
 . TRACKING RADAR

COHERENT RADIATION

UF **COHERENT SOURCES**
 . COHERENT TRANSMISSION
 GS **COHERENT RADIATION**
 . COHERENT ACOUSTIC RADIATION
 . COHERENT ELECTROMAGNETIC RADIATION
 . . COHERENT LIGHT
 . BEAMS (RADIATION)
 RT ∞ COHERENCE
 . COHERENCE COEFFICIENT
 . CONTINUOUS RADIATION
 . CORPUSCULAR RADIATION
 . ELASTIC WAVES
 . ELECTROMAGNETIC RADIATION
 . LIGHT (VISIBLE RADIATION)
 . OPTICAL PROPERTIES
 ∞ RADIATION
 ∞ RAYS
 . WAVE PROPAGATION

COHERENT SCATTERING

GS **SCATTERING**
 . **COHERENT SCATTERING**
 RT ∞ COHERENCE
 . COMPTON EFFECT
 . ELASTIC SCATTERING
 . INCOHERENT SCATTERING
 . INELASTIC SCATTERING
 . NUCLEAR SCATTERING

COHERENT SOURCES

USE **COHERENT RADIATION**
 . RADIATION SOURCES

COHERENT TRANSMISSION

USE **COHERENT RADIATION**

COHESION

RT **AGGLUTINATION**
 . BONDING
 ∞ COHERENCE
 . INTERNAL FRICTION
 . INTERNAL PRESSURE

COHESION-(CONT.)

PLASTIC PROPERTIES
SPREADING

COHOMOLOGY

USE HOMOMOLOGY

∞ COILS

SN *(USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)*
RT ELECTRIC COILS
INDUCTORS
MAGNET COILS
MAGNETIC COILS
SPRINGS (ELASTIC)
TOROIDS
WIRE

COIN AIRCRAFT

UF LARA AIRCRAFT
LIGHT ARMED RECONNAISSANCE
AIRCRAFT
GS **COIN AIRCRAFT**
. F-5 AIRCRAFT
. OV-10 AIRCRAFT
RT ∞ AIRCRAFT
LIGHT INTRATHEATER TRANSPORT

COINCIDENCE CIRCUITS

GS CIRCUITS
. **COINCIDENCE CIRCUITS**
RT GATES (CIRCUITS)
RADIATION COUNTERS
SYNCHRONISM

COINING

GS FORMING TECHNIQUES
. PRESSING (FORMING)
. **COINING**
METAL WORKING
. **COINING**
RT COLD PRESSING
COLD WORKING
DIES
FORGING
HOT PRESSING
SIZING (SHAPING)
STAMPING

COKE

GS FUELS
. **COKE**
RT BITUMENS
CARBON
CHARCOAL
COAL
LIGNITE

COKE AIRCRAFT

USE AN-24 AIRCRAFT

COLCHICINE

GS ALIPHATIC COMPOUNDS
. CYCLIC HYDROCARBONS
. **COLCHICINE**
HETEROCYCLIC COMPOUNDS
. ALKALOIDS
. **COLCHICINE**
HYDROCARBONS
. CYCLIC HYDROCARBONS
. **COLCHICINE**
NITROGEN COMPOUNDS
. ALKALOIDS
. **COLCHICINE**

COLD ACCLIMATIZATION

GS ADAPTATION
. ACCLIMATIZATION
. **COLD ACCLIMATIZATION**
RT HEAT ACCLIMATIZATION
SUBZERO TEMPERATURE

COLD BOKKEVELD METEORITE

GS CELESTIAL BODIES
. METEORITES
. STONY METEORITES
. CHONDRITES
. CARBONACEOUS METEORITES
. **COLD BOKKEVELD METEORITE**

COLD CATHODE TUBES

GS MICROWAVE EQUIPMENT
. MICROWAVE TUBES

COLD CATHODE TUBES-(CONT.)

. . . **COLD CATHODE TUBES**
. PHOTOTUBES
. PHOTOMULTIPLIER TUBES
RT CATHODES
ELECTRODES
GAS DISCHARGES
∞ GAS TUBES
TUBE CATHODES
TUNNEL CATHODES

COLD CATHODES

GS ELECTRODES
. CATHODES
. . TUBE CATHODES
. . . **COLD CATHODES**
RT GAS DISCHARGES
TUNNEL CATHODES

COLD DRAWING

RT DEEP DRAWING
∞ DRAWING
METAL DRAWING

COLD FLOW TESTS

SN *(EXCLUDES MECHANICAL CREEP, TESTS)*
GS ENGINE TESTS
. **COLD FLOW TESTS**
GROUND TESTS
. **COLD FLOW TESTS**
RT CHECKOUT
FEED SYSTEMS
PLASTIC PROPERTIES
PRELAUNCH TESTS
PROPELLANT TESTS
PROPULSION SYSTEM PERFORMANCE
ROCKET ENGINE DESIGN
STATIC TESTS

COLD FORMING

USE COLD WORKING

COLD FRONTS

GS FRONTS (METEOROLOGY)
. **COLD FRONTS**
RT AIR MASSES
∞ FRONTS
METEOROLOGICAL PARAMETERS
METEOROLOGY
STORMS
SYNOPTIC METEOROLOGY
THUNDERSTORMS
TORNADOES
WARM FRONTS
WEATHER FORECASTING

COLD GAS

GS GASES
. **COLD GAS**
RT ATTITUDE CONTROL
GAS JETS
JET THRUST

COLD HARDENING

SN *(LIMITED TO HARDENING OF MATERIALS
BY COOLING TO VERY LOW
TEMPERATURES-- EXCLUDES
PRECIPITATION HARDENING AT OR
NEAR ROOM TEMPERATURE AND
HARDENING VIA COLD WORKING)*
GS HARDENING (MATERIALS)
. **COLD HARDENING**
RT BRITTLENESS
HARDNESS
PHASE TRANSFORMATIONS
PRECIPITATION HARDENING
WORK HARDENING

COLD NEUTRONS

GS PARTICLES
. ELEMENTARY PARTICLES
. . FERMIONS
. . . NEUTRONS
. . . . **COLD NEUTRONS**
. . . NEUTRAL PARTICLES
. . . NEUTRONS
. . . **COLD NEUTRONS**
RT BARYONS

COLD PLASMAS

UF LOW TEMPERATURE PLASMAS
GS GASES
. IONIZED GASES
. . CHARGED PARTICLES

COLD PLASMAS-(CONT.)

. . . **COLD PLASMAS**
PARTICLES
. CHARGED PARTICLES
. . ENERGETIC PARTICLES
. . . PLASMAS (PHYSICS)
. . . . **COLD PLASMAS**
RT COLLISIONLESS PLASMAS
RAREFIED PLASMAS

COLD PRESSING

RT COINING
COMPACTING
HOT PRESSING
METAL WORKING
∞ PRESSING
PRESSING (FORMING)
UPSETTING

COLD ROLLING

GS FORMING TECHNIQUES
. COLD WORKING
. . **COLD ROLLING**
RT METAL WORKING

COLD STRENGTH

GS MECHANICAL PROPERTIES
. **COLD STRENGTH**
RT HIGH TEMPERATURE TESTS
LOW TEMPERATURE ENVIRONMENTS
LOW TEMPERATURE TESTS
∞ STRENGTH

COLD SURFACES

UF COLD WALLS
RT CRYOGENIC FLUID STORAGE
∞ SURFACES

COLD TOLERANCE

GS TOLERANCES (PHYSIOLOGY)
. **COLD TOLERANCE**
RT BODY TEMPERATURE
EXPOSURE
FROSTBITE
HEAT TOLERANCE
HOMEOSTASIS
SUBZERO TEMPERATURE
THERMOREGULATION
VASOCONSTRICTION

COLD TRAPS

GS TRAPS
. **COLD TRAPS**
RT CONDENSERS (LIQUIFIERS)
CRYOGENICS
CRYOTRAPPING
FREEZING
REFRIGERATING
ULTRALOW TEMPERATURES
VACUUM APPARATUS
VAPOR TRAPS

COLD WALLS

USE COLD SURFACES
WALLS

COLD WATER

GS WATER
. **COLD WATER**
RT POTABLE WATER

COLD WEATHER

GS WEATHER
. **COLD WEATHER**
RT FROST DAMAGE
LOW TEMPERATURE ENVIRONMENTS
PRESSURE ICE
SNOW COVER
SUBZERO TEMPERATURE
WEATHERPROOFING
WINTER

COLD WEATHER TESTS

GS ENVIRONMENTAL TESTS
. **COLD WEATHER TESTS**
RT HIGH TEMPERATURE TESTS
LOW TEMPERATURE TESTS

COLD WELDING

GS WELDING
. **COLD WELDING**
RT ADHESION
BONDING
HIGH VACUUM

COLD WORKING

COLD WELDING-(CONT.) VACUUM EFFECTS

COLD WORKING

- UF COLD FORMING
- GS FORMING TECHNIQUES
 - . COLD WORKING
 - . . COLD ROLLING
 - . . . ELECTROHYDRAULIC FORMING
 - . . . EXPLOSIVE FORMING
- RT CLADDING
 - COINING
 - DEEP DRAWING
 - EXTRUDING
 - FORGING
- ∞ JOINING
 - MAGNETIC FORMING
 - METAL DRAWING
 - METAL SPINNING
 - METAL WORKING
 - PEENING
 - ROLL FORMING
 - SHEARING
 - SHOT PEENING
 - STAMPING
 - STRETCH FORMING
 - STRETCHING
 - SWAGING
 - TEMPER (METALLURGY)
 - UPSETTING
 - WINDING

COLEOPTERA

- GS ANIMALS
 - . INVERTEBRATES
 - . . ARTHROPODS
 - . . . INSECTS
 - COLEOPTERA

COLIC

- GS DISEASES
 - . COLIC
- RT GASTROINTESTINAL SYSTEM
 - INTESTINES

COLLAGENS

- GS ANATOMY
 - . MUSCULOSKELETAL SYSTEM
 - . . CONNECTIVE TISSUE
 - . . . COLLAGENS
 - CELLS (BIOLOGY)
 - . FIBROBLASTS
 - . . COLLAGENS
- RT BONE MINERAL CONTENT
 - GELATINS
 - LEATHER
 - PROTEINS
 - SKIN (ANATOMY)

COLLAPSE

- RT BUCKLING
 - DEFORMATION
 - FAILURE
 - STRUCTURAL FAILURE

COLLATING

- RT BINDING
 - COMPILERS
 - CORRELATION
 - INSERTION
 - POSITION (LOCATION)
 - POSITIONING

COLLECTION

- RT ACCUMULATIONS
 - ACQUISITION
 - ASSEMBLING
 - INPUT
 - LUMPING
 - MUSEUMS
- ∞ RECEIVING
 - SAMPLING
 - SELECTION
 - STOCKPILING

COLLECTORS

- USE ACCUMULATORS

COLLEGES

- USE UNIVERSITIES

COLLIMATION

- UF BEAMSHAPING
- RT ADJUSTING

COLLIMATION-(CONT.)

- ALIGNMENT
- DIRECTIVITY
- MICROBEAMS
- ∞ ORIENTATION
- POLARIZATION (WAVES)

COLLIMATORS

- UF AUTOCOLLIMATORS
- GS OPTICAL EQUIPMENT
 - . COLLIMATORS
- RT BEAM WAVEGUIDES
 - MIRRORS
 - OPTICAL MEASUREMENT

COLLINEARITY

- GS ANALYSIS (MATHEMATICS)
 - . CALCULUS
 - . . VECTOR ANALYSIS
 - . . . COLLINEARITY
 - . . . REAL VARIABLES
 - . . . VECTOR ANALYSIS
 - COLLINEARITY
- GEOMETRY
 - . VECTOR ANALYSIS
 - . . COLLINEARITY
- LINEARITY
 - . COLLINEARITY

COLLISION AVOIDANCE

- UF COLLISION WARNING DEVICES
- GS AVOIDANCE
 - . COLLISION AVOIDANCE
 - . . BEACON COLLISION AVOIDANCE SYSTEM
- RT AIR NAVIGATION
 - AIR TRAFFIC
 - AIR TRAFFIC CONTROL
 - AIRCRAFT APPROACH SPACING
 - AIRCRAFT GUIDANCE
 - AIRCRAFT SAFETY
 - AIRSPACE
 - APPROACH CONTROL
 - AUTOMATIC TRAFFIC ADVISORY AND RESOLUTION
 - COLLISIONS
 - FLIGHT PATHS
 - FLIGHT RULES
 - FLIGHT SAFETY
 - MIDAIR COLLISIONS
 - NATIONAL AIRSPACE UTILIZATION SYSTEM
 - RADAR
 - RADAR NAVIGATION
 - RADIO NAVIGATION
 - THREAT EVALUATION
 - TRAFFIC CONTROL
 - VISUAL FLIGHT
 - WARNING
 - WARNING SYSTEMS

COLLISION PARAMETERS

- GS RATES (PER TIME)
 - . COLLISION PARAMETERS
 - . . COLLISION RATES
- RT ∞ ABSORPTION
 - BEAM INTERACTIONS
- ∞ CROSS SECTIONS
 - MEAN FREE PATH
 - NUCLEAR INTERACTIONS
 - PARTICLE INTERACTIONS
 - PARTICLE THEORY
 - SCATTERING

COLLISION RATES

- GS RATES (PER TIME)
 - . COLLISION PARAMETERS
 - . . COLLISION RATES

COLLISION WARNING DEVICES

- USE COLLISION AVOIDANCE
- WARNING SYSTEMS

COLLISIONAL PLASMAS

- GS GASES
 - . IONIZED GASES
 - . . CHARGED PARTICLES
 - . . . COLLISIONAL PLASMAS
 - STRONGLY COUPLED PLASMAS
- PARTICLES
 - . CHARGED PARTICLES
 - . . ENERGETIC PARTICLES
 - . . . PLASMAS (PHYSICS)
 - COLLISIONAL PLASMAS
 - STRONGLY COUPLED PLASMAS

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COLLISIONAL PLASMAS-(CONT.)

- RT ELECTRON RUNAWAY (PLASMA PHYSICS)
 - HIGH TEMPERATURE PLASMAS
 - NUCLEAR FUSION
 - PLASMA CONDUCTIVITY
 - PLASMA DENSITY
 - PLASMA WAVES

COLLISIONLESS PLASMAS

- GS GASES
 - . IONIZED GASES
 - . . CHARGED PARTICLES
 - . . . COLLISIONLESS PLASMAS
 - PARTICLES
 - . CHARGED PARTICLES
 - . . ENERGETIC PARTICLES
 - . . . PLASMAS (PHYSICS)
 - COLLISIONLESS PLASMAS
- RT COLD PLASMAS
 - IONIC WAVES
 - KELVIN-HELMHOLTZ INSTABILITY
 - LOW DENSITY RESEARCH
 - RAREFIED PLASMAS

COLLISIONS

- GS COLLISIONS
 - . ATOMIC COLLISIONS
 - . COULOMB COLLISIONS
 - . INELASTIC COLLISIONS
 - . IONIC COLLISIONS
 - . METEORITE COLLISIONS
 - . MIDAIR COLLISIONS
 - . . BIRD-AIRCRAFT COLLISIONS
 - . MOLECULAR COLLISIONS
 - . PARTICLE COLLISIONS
- RT AIR BAG RESTRAINT DEVICES
 - AIR TRAFFIC CONTROL
 - AIRCRAFT ACCIDENTS
 - AIRCRAFT HAZARDS
 - AIRCRAFT SAFETY
 - COLLISION AVOIDANCE
 - CRASHES
 - FLIGHT HAZARDS
 - FLIGHT PATHS
 - GAS ATOMIZATION
 - PILOT ERROR
 - RECOILINGS
 - SCATTERING

COLLOCATION

- RT ASSEMBLIES
 - ∞ ASSEMBLY
 - CONGRUENCES
 - POSITION (LOCATION)
 - POSITIONING

COLLOIDAL GENERATORS

- RT ATOMIZING
 - DISPERSIONS
- ∞ GENERATORS
 - PLASMA DIFFUSION
 - PLASMA GENERATORS
 - SPRAYERS
 - VAPORIZERS

COLLOIDAL PROPELLANTS

- UF CORDITE
- GS MIXTURES
 - . DISPERSIONS
 - . . COLLOIDS
 - . . . COLLOIDAL PROPELLANTS
- PROPELLANTS
 - . COLLOIDAL PROPELLANTS
- RT GELLED PROPELLANTS
 - SLURRY PROPELLANTS
 - SOLID PROPELLANTS
 - SOLID SUSPENSIONS

COLLOIDING

- UF LYOPHILIZATION
- GS MIXING
 - . COLLOIDING
- RT AGITATION
 - ATOMIZING
 - COLLOIDS
 - COMMUNITION
 - COMPOUNDING
 - DISPERSING
 - FLOCCULATING
 - GELATION
 - HOMOGENIZING
 - PRECIPITATION (CHEMISTRY)
 - SUSPENDING (MIXING)

NASA THESAURUS (VOLUME 1)

COLLOIDS

UF LYOPHILS
GS MIXTURES
 . DISPERSIONS
 . . . COLLOIDS
 AEROSOLS
 FOG
 COLLOIDAL PROPELLANTS
RT BROWNIAN MOVEMENTS
 CLAYS
 COLLOIDING
 ELECTRODIALYSIS
 ELECTROPHORESIS
 EMULSIONS
 FOAMS
 GELS
 HOMEOSTASIS
 NONNEWTONIAN FLUIDS
 PARTICLES
 PLASTISOLS
 ∞ SEPARATION

COLOMBIA

RT LLANOS ORIENTALES (COLOMBIA)
 MAGDALENA-CAUCA VALLEY (COLOMBIA)
 NATIONS
 SOUTH AMERICA

COLONIES

RT BACTERIA
 BACTERIOLOGY

COLOR

UF COLORATION
GS ELECTROMAGNETIC PROPERTIES
 . OPTICAL PROPERTIES
 . . . COLOR
 IRIDESCENCE
 WATER COLOR
RT BRIGHTNESS
 COLORIMETRY
 CONTRAST
 DARKNESS
 DICHROISM
 DISCOLORATION
 FADING
 HUMAN FACTORS ENGINEERING
 INCANDESCENCE
 ISOTHERMALS
 LIGHT (VISIBLE RADIATION)
 PERCEPTION
 PHOTOTROPISM
 ∞ PHYSICAL PROPERTIES
 PREWHITENING
 SPECTRA
 SURFACE PROPERTIES
 SYMBOLS
 THERMOCHROMATIC MATERIALS
 VISIBILITY
 VISION
 WAVE DISPERSION

COLOR (PARTICLE PHYSICS)

USE QUANTUM CHROMODYNAMICS

COLOR CENTERS

UF F CENTERS
RT ∞ CENTERS
 FRANCK-CONDON PRINCIPLE

COLOR CODING

RT ∞ CODES
 CODING

COLOR INFRARED PHOTOGRAPHY

GS IMAGERY
 . INFRARED PHOTOGRAPHY
 . . . COLOR INFRARED PHOTOGRAPHY
 PHOTOGRAPHY
 MULTISPECTRAL PHOTOGRAPHY
 INFRARED PHOTOGRAPHY
 COLOR INFRARED PHOTOGRAPHY
RT COLOR PHOTOGRAPHY
 INFRARED IMAGERY

COLOR PERCEPTION

USE COLOR VISION

COLOR PHOTOGRAPHY

GS IMAGERY
 . COLOR PHOTOGRAPHY
 . . . PHOTOGRAPHY
 COLOR PHOTOGRAPHY
RT AERIAL PHOTOGRAPHY

COLOR PHOTOGRAPHY-(CONT.)

BLACK AND WHITE PHOTOGRAPHY
CINEMATOGRAPHY
COLOR INFRARED PHOTOGRAPHY
ORTHOPHOTOGRAPHY
PHOTOCHROMISM
PHOTOMAPPING
SHADOWGRAPH PHOTOGRAPHY
STEREOPHOTOGRAPHY
ULTRAVIOLET PHOTOGRAPHY
UNDERWATER PHOTOGRAPHY

COLOR TELEVISION

GS TELECOMMUNICATION
 . COLOR TELEVISION
 TELEVISION SYSTEMS
 . . . COLOR TELEVISION
RT CLOSED CIRCUIT TELEVISION
 COMMUNICATING
 COMMUNICATION EQUIPMENT
 EDUCATIONAL TELEVISION
 SATELLITE TELEVISION
 SPACECRAFT TELEVISION
 STEREOTELEVISION
 TELEVISION RECEPTION
 TELEVISION TRANSMISSION

COLOR VISION

UF COLOR PERCEPTION
GS VISION
 . COLOR VISION
RT EYE (ANATOMY)
 YOUNG-HELMHOLTZ THEORY

COLORADO

GS UNITED STATES OF AMERICA
 . COLORADO
RT COLORADO PLATEAU (US)
 COLORADO RIVER (NORTH AMERICA)
 MANITOU (CO)
 PIKE'S PEAK (CO)
 SAN JUAN MOUNTAINS (CO)

COLORADO PLATEAU (US)

GS LAND
 . COLORADO PLATEAU (US)
 LANDFORMS
 . TERRACES (LANDFORMS)
 . . . PLATEAUS
 COLORADO PLATEAU (US)
RT ARIZONA
 COLORADO
 HIGHLANDS
 NEW MEXICO
 UTAH

COLORADO RIVER (NORTH AMERICA)

GS RIVERS
 . COLORADO RIVER (NORTH AMERICA)
RT ARIZONA
 COLORADO
 MEXICO
 UTAH

COLORATION

USE COLOR

COLORIMETRY

GS OPTICAL MEASUREMENT
 . COLORIMETRY
RT CHEMICAL ANALYSIS
 CHROMATOGRAPHY
 COLOR
 ELECTROPHOTOMETRY
 LIQUID CHROMATOGRAPHY
 OCEAN COLOR SCANNER
 OPTICAL MEASURING INSTRUMENTS
 PHOTOMETRY
 SPECTROPHOTOMETRY
 SPECTROSCOPY
 THERMOCHROMATIC MATERIALS

COLPIDIA

GS ANIMALS
 . INVERTEBRATES
 . . . PROTOZOA
 FLAGELLATA
 COLPIDIA
 MICROORGANISMS
 PROTOZOA
 FLAGELLATA
 COLPIDIA

COMBINATIONS (MATHEMATICS)

COLS

USE GAPS (GEOLOGY)

COLUMBIA RIVER BASIN (ID-OR-WA)

GS LANDFORMS
 . STRUCTURAL BASINS
 . . . RIVER BASINS
 COLUMBIA RIVER BASIN
 (ID-OR-WA)
RT IDAHO
 OREGON
 RIVERS
 WASHINGTON

COLUMBIUM

USE NIOBIUM

∞ COLUMNS

SN (USE OF A MORE SPECIFIC TERM IS
 RECOMMENDED--CONSULT THE TERMS
 LISTED BELOW)
RT COLUMNS (PROCESS ENGINEERING)
 COLUMNS (SUPPORTS)

COLUMNS (PROCESS ENGINEERING)

RT ABSORBERS (EQUIPMENT)
 CHEMICAL REACTORS
 ∞ COLUMNS
 CONCENTRATORS
 CONDENSERS (LIQUIFIERS)
 CONTACTORS
 CONTRACTORS
 DEHYDRATION
 DEHYDROGENATION
 DISTILLATION EQUIPMENT
 DRYING APPARATUS
 EXTRACTION
 SCRUBBERS
 SEPARATORS
 VAPORIZERS

COLUMNS (SUPPORTS)

GS STRUCTURAL MEMBERS
 . COLUMNS (SUPPORTS)
 . . . TAPERED COLUMNS
RT BEAMS (SUPPORTS)
 ∞ COLUMNS
 PYLON MOUNTING
 PYLONS
 STRUTS
 STUDS (STRUCTURAL MEMBERS)
 TIMOSHENKO BEAMS
 TOWERS

∞ COMA

SN (USE OF A MORE SPECIFIC TERM IS
 RECOMMENDED--CONSULT THE TERMS
 LISTED BELOW)
RT ABERRATION
 BLACKOUT (PHYSIOLOGY)
 BLACKOUT PREVENTION
 COMET HEADS
 COMET NUCLEI
 COMET TAILS
 COMETARY ATMOSPHERES
 COMETS
 GRIGG-SKJELLERUP COMET
 KOHOUTEK COMET
 SCREEN EFFECT
 TEMPEL 2 COMET
 UNCONSCIOUSNESS

COMBAT

GS MILITARY OPERATIONS
 . COMBAT
 . . . WARFARE
 COMBAT
RT AIRCRAFT SURVIVABILITY
 B-1 AIRCRAFT
 ELECTRONIC WARFARE

∞ COMBINATION

SN (USE OF A MORE SPECIFIC TERM IS
 RECOMMENDED--CONSULT THE TERMS
 LISTED BELOW)
RT ADMIXTURES
 CONSOLIDATION
 MIXTURES
 PERMUTATIONS

COMBINATIONS (MATHEMATICS)

GS ANALYSIS (MATHEMATICS)
 . COMBINATORIAL ANALYSIS
 . . . COMBINATIONS (MATHEMATICS)

COMBINATORIAL ANALYSIS

COMBINATIONS (MATHEMATICS)-(CONT.)

RT PARTITIONS (MATHEMATICS)
PERMUTATIONS

COMBINATORIAL ANALYSIS

GS ANALYSIS (MATHEMATICS)
. **COMBINATORIAL ANALYSIS**
. COMBINATIONS (MATHEMATICS)
. FACTORIALS
. PARTITIONS (MATHEMATICS)
. PERMUTATIONS

RT ∞ ANALYZING
∞ APPLICATIONS OF MATHEMATICS
GRAPH THEORY
INFORMATION THEORY
NUMBER THEORY
PROBABILITY THEORY
SET THEORY

COMBINED CYCLE POWER GENERATION

RT ELECTRIC GENERATORS
ELECTRIC POWER PLANTS
ENERGY TECHNOLOGY
GAS TURBINES
STEAM TURBINES

COMBINED STRESS

GS STRESSES
. **COMBINED STRESS**
RT FATIGUE LIFE
STRESS ANALYSIS
STRESS CONCENTRATION
STRESS INTENSITY FACTORS

COMBUSTIBILITY

USE FLAMMABILITY

COMBUSTIBLE FLOW

GS FLUID FLOW
. **COMBUSTIBLE FLOW**
RT BOUNDARY LAYER COMBUSTION
COMBUSTION PHYSICS
COMBUSTION PRODUCTS
DETONATION WAVES
FLAME PROPAGATION
FUEL FLOW
TURBULENT FLOW

COMBUSTION

UF BURNING
BURNING PROCESS
GS **COMBUSTION**
. AFTERBURNING
. BOUNDARY LAYER COMBUSTION
. DEFLAGRATION
. EROSION BURNING
. FUEL COMBUSTION
. NUCLEAR FUEL BURNUP
. HYDROCARBON COMBUSTION
. HYPERSONIC COMBUSTION
. METAL COMBUSTION
. PROPELLANT COMBUSTION
. SOLID PROPELLANT COMBUSTION
. SOLID PROPELLANT IGNITION
. SPONTANEOUS COMBUSTION
. SUPERSONIC COMBUSTION
RT BACKFIRE
BURNING RATE
BURNING TIME
BURNOUT
CHARRING
CHEMICAL EXPLOSIONS
COMBUSTION EFFICIENCY
COMBUSTION PHYSICS
COMBUSTION PRODUCTS
COMBUSTION STABILITY
COMBUSTION TEMPERATURE
DETONATION
DIFFUSION FLAMES
EXOTHERMIC REACTIONS
EXPLOSIONS
EXTINGUISHING
FIRE DAMAGE
FIREBREAKS
FIRES
FLAME PROPAGATION
FLAMEOUT
FLAMES
FLAMMABILITY
FLASHBACK
FOREST FIRES
HEAT BALANCE
HEAT GENERATION
IGNITION
IGNITION LIMITS

COMBUSTION-(CONT.)

INCENDIARY AMMUNITION
INTERNAL COMBUSTION ENGINES
OXIDATION
∞ PHYSICS
QUENCHING (COOLING)
SPARK IGNITION

COMBUSTION CHAMBERS

UF COMBUSTORS
RT BURNERS
∞ CHAMBERS
ENGINE PARTS
ENGINES
FLAME HOLDERS
FLAMEOUT
FURNACES
INTERNAL COMBUSTION ENGINES
JET ENGINES
PISTONS
REFRATORIES
SPARK PLUGS
THRUST CHAMBERS

COMBUSTION CONTROL

RT AUTOMATIC CONTROL
BURNING RATE
∞ CONTROL
ENGINE CONTROL
FUEL CONTROL
∞ REACTION CONTROL
TEMPERATURE CONTROL

COMBUSTION EFFICIENCY

GS EFFICIENCY
. **COMBUSTION EFFICIENCY**
RT BURNING RATE
BURNING TIME
EXHAUST GASES
FUEL COMBUSTION
FUEL CONSUMPTION
FUEL-AIR RATIO
POWER EFFICIENCY
PROPELLANT COMBUSTION
PROPULSION SYSTEM PERFORMANCE
PROPULSIVE EFFICIENCY
THERMODYNAMIC EFFICIENCY

COMBUSTION HEAT

USE HEAT OF COMBUSTION

COMBUSTION INSTABILITY

USE COMBUSTION STABILITY

COMBUSTION PHYSICS

GS THERMODYNAMICS
. **COMBUSTION PHYSICS**
RT AEROTHERMODYNAMICS
COMBUSTIBLE FLOW
COMBUSTION STABILITY
FLAME PROPAGATION
HEAT OF COMBUSTION
IGNITION
PLASMAS (PHYSICS)
THERMOCHEMISTRY

COMBUSTION PRODUCTS

RT AIR POLLUTION
ASHES
COMBUSTIBLE FLOW
DILUENTS
DUST
EXHAUST GASES
FIBER RELEASE
FLUE GASES
FLY ASH
HIGH TEMPERATURE GASES
ODORS
POLLUTION TRANSPORT
PRODUCTS
REACTION PRODUCTS
ROCKET EXHAUST
SMOG
SMOKE
SOOT
VAPORS
WASTES

COMBUSTION STABILITY

UF ACOUSTIC COMBUSTION
CHUGGING
COMBUSTION INSTABILITY
DYNAMIC CHARACTERISTICS
GS . DYNAMIC STABILITY
. **COMBUSTION STABILITY**

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COMBUSTION STABILITY-(CONT.)

. . . FLAME STABILITY
STABILITY
. DYNAMIC STABILITY
. **COMBUSTION STABILITY**
. . . FLAME STABILITY
RT AXIAL MODES
BURNING RATE
FUEL COMBUSTION
MOTION STABILITY
PRESSURE OSCILLATIONS
PROPELLANT COMBUSTION
SOLID PROPELLANT COMBUSTION
THERMAL INSTABILITY
VELOCITY COUPLING

COMBUSTION TEMPERATURE

GS TEMPERATURE
. **COMBUSTION TEMPERATURE**
RT EROSION BURNING
FLAME TEMPERATURE
FLASH POINT
IGNITION TEMPERATURE
OPERATING TEMPERATURE
SPONTANEOUS COMBUSTION

COMBUSTION VIBRATION

GS VIBRATION
. **COMBUSTION VIBRATION**
RT ELASTIC WAVES
STRUCTURAL STABILITY

COMBUSTION WAVES

USE . FLAME PROPAGATION

COMBUSTION WIND TUNNELS

GS TEST FACILITIES
. WIND TUNNELS
. **COMBUSTION WIND TUNNELS**
RT HYPERSONIC WIND TUNNELS
HYPERVELOCITY WIND TUNNELS

COMBUSTORS

USE COMBUSTION CHAMBERS

COMET HEADS

GS CELESTIAL BODIES
. COMETS
. **COMET HEADS**
RT ∞ COMA
COMETARY ATMOSPHERES
SOLAR SYSTEM

COMET NUCLEI

GS CELESTIAL BODIES
. COMETS
. **COMET NUCLEI**
RT ∞ COMA
COMETARY ATMOSPHERES
SOLAR SYSTEM

COMET TAILS

GS CELESTIAL BODIES
. COMETS
. **COMET TAILS**
ELECTROMAGNETIC RADIATION
. **COMET TAILS**
RT ∞ COMA
COMETARY ATMOSPHERES
GRIGG-SKJELLERUP COMET
RADIATION PRESSURE
SOLAR SYSTEM
SOLAR WIND

COMET 4 AIRCRAFT

UF DE HAVILLAND DH 106 AIRCRAFT
DH 106 AIRCRAFT
GS COMMERCIAL AIRCRAFT
. **COMET 4 AIRCRAFT**
DE HAVILLAND AIRCRAFT
. **COMET 4 AIRCRAFT**
HAWKER SIDDELEY AIRCRAFT
. **COMET 4 AIRCRAFT**
JET AIRCRAFT
. **COMET 4 AIRCRAFT**
MONOPLANES
. **COMET 4 AIRCRAFT**
PASSENGER AIRCRAFT
. **COMET 4 AIRCRAFT**

COMETARY ATMOSPHERES

RT ASTRONOMICAL PHOTOMETRY
∞ COMA
COMET HEADS

COMETARY ATMOSPHERES-(CONT.)

COMET NUCLEI
COMET TAILS
COMETS

COMETS

GS CELESTIAL BODIES
 COMETS
 .. AREND-ROLAND COMET
 .. COMET HEADS
 .. COMET NUCLEI
 .. COMET TAILS
 .. GIACOBINI-ZINNER COMET
 .. GRIGG-SKJELLERUP COMET
 .. HALLEY'S COMET
 .. HUMASON COMET
 .. KOHOOTEK COMET
 .. MOREHOUSE COMET
 .. MRKOS COMET
 .. SCHWASSMANN-WACHMANN COMET
 .. TEMPEL 2 COMET
 .. WEST COMET
RT BESSEL-BREDICHIN THEORY
 ∞ COMA
 COMETARY ATMOSPHERES
 METEOROID SHOWERS
 METEORIODS
 SOLAR SYSTEM

COMFORT

RT ACOUSTICS
AIR CONDITIONING
EFFICIENCY
ENVIRONMENTAL ENGINEERING
GLARE
HUMAN FACTORS ENGINEERING
HUMIDITY
ILLUMINATING
 ∞ PERFORMANCE
 PHYSIOLOGICAL EFFECTS
 PSYCHOLOGICAL EFFECTS
 REWARD (PSYCHOLOGY)
 RIDING QUALITY
 SEATS
 TEMPERATURE
 VENTILATION

COMMAND AND CONTROL

UF COMMAND-CONTROL
RT ∞ AUTOMATION
 AUTONOMY
 AWACS AIRCRAFT
 ∞ COMMANDS
 ∞ CONTROL
 DECISION MAKING
 E-2 AIRCRAFT
 E-3A AIRCRAFT
 E-4A AIRCRAFT
 GROUND SUPPORT EQUIPMENT
 LOGISTICS
 MANAGEMENT
 SURVEILLANCE
 TARGETS

COMMAND GUIDANCE

UF COMMAND SYSTEMS
GS GUIDANCE (MOTION)
 COMMAND GUIDANCE
RT ∞ COMMANDS
 GROUND SUPPORT EQUIPMENT
 INJECTION GUIDANCE
 MIDCOURSE GUIDANCE
 RENDEZVOUS GUIDANCE
 RENDEZVOUS SPACECRAFT
 SPACECRAFT GUIDANCE
 TERMINAL GUIDANCE

COMMAND MODULES

GS COMPARTMENTS
 COMMAND MODULES
 MODULES
 COMMAND MODULES
 SPACECRAFT COMPONENTS
 COMMAND MODULES
RT APOLLO SPACECRAFT
 ∞ COMMANDS
 MARQUARDT R4D ENGINE
 SERVICE MODULES
 SPACECRAFT DOCKING MODULES
 SPACECRAFT MODULES
 SPACECREW TRANSFER

COMMAND SERVICE MODULES

UF CSM
GS MODULES

COMMAND SERVICE MODULES-(CONT.)

RT **COMMAND SERVICE MODULES**
APOLLO PROJECT
LUNAR ORBITS
MANNED SPACECRAFT
SKYLAB 1
SKYLAB 2
SKYLAB 3
SKYLAB 4
SPACECRAFT DOCKING MODULES

COMMAND SYSTEMS

USE COMMAND GUIDANCE

COMMAND-CONTROL

USE COMMAND AND CONTROL

COMMANDO AIRCRAFT

USE C-46 AIRCRAFT

∞ COMMANDS

SN *(USE OF A MORE SPECIFIC TERM IS
RECOMMENDED-CONSULT THE TERMS
LISTED BELOW)*
RT AUTONOMY
COMMAND AND CONTROL
COMMAND GUIDANCE
COMMAND MODULES
DECISIONS

COMMERCE

RT CONSUMPTION
COSTS
ECONOMIC DEVELOPMENT
FINANCE
GROSS NATIONAL PRODUCT
INDUSTRIAL AREAS
INDUSTRIES
 ∞ INVESTMENT
 LIABILITIES
 LOSSES
 MANUFACTURING
 MARKET RESEARCH
 MARKETING
 PERT
 PRODUCT DEVELOPMENT
 PROJECT MANAGEMENT
 RISK
 SUPPLYING

COMMERCIAL AIRCRAFT

UF COMMERCIAL AVIATION
GS **COMMERCIAL AIRCRAFT**
 .. BOEING 707 AIRCRAFT
 .. BOEING 720 AIRCRAFT
 .. BOEING 727 AIRCRAFT
 .. BOEING 733 AIRCRAFT
 .. BOEING 737 AIRCRAFT
 .. BOEING 747 AIRCRAFT
 .. BOEING 757 AIRCRAFT
 .. BOEING 767 AIRCRAFT
 .. COMET 4 AIRCRAFT
 .. CV-340 AIRCRAFT
 .. CV-440 AIRCRAFT
 .. CV-880 AIRCRAFT
 .. CV-990 AIRCRAFT
 .. DC 3 AIRCRAFT
 .. DC 7 AIRCRAFT
 .. DC 8 AIRCRAFT
 .. DC 9 AIRCRAFT
 .. DC 10 AIRCRAFT
 .. DH 121 AIRCRAFT
 .. ELECTRA AIRCRAFT
 .. ER-134 AIRCRAFT
 .. EUROPEAN AIRBUS
 .. A-300 AIRCRAFT
 .. F-28 TRANSPORT AIRCRAFT
 .. HE-211 AIRCRAFT
 .. IL-62 AIRCRAFT
 .. JETSTREAM AIRCRAFT
 .. L-1011 AIRCRAFT
 .. L-1649 AIRCRAFT
 .. LEAR JET AIRCRAFT
 .. LIGHT TRANSPORT AIRCRAFT
 .. P-160 AIRCRAFT
 .. SE-210 AIRCRAFT
 .. SUPERSONIC COMMERCIAL AIR
 TRANSPORT
 .. BOEING 2707 AIRCRAFT
 .. TU-144 AIRCRAFT
 .. TU-104 AIRCRAFT
 .. TU-124 AIRCRAFT
 .. TU-134 AIRCRAFT
 .. TU-154 AIRCRAFT
 .. VC-10 AIRCRAFT

COMMERCIAL AIRCRAFT-(CONT.)

RT ACCORDION PROJECT
 ∞ AIRCRAFT
 AIRLINE OPERATIONS
 CARGO AIRCRAFT
 CIVIL AVIATION
 GENERAL AVIATION AIRCRAFT
 GROUND EFFECT MACHINES
 JET AIRCRAFT
 PASSENGER AIRCRAFT
 ROTARY WING AIRCRAFT
 SUPERSONIC TRANSPORTS
 TRANSPORT AIRCRAFT
 UTILITY AIRCRAFT
 V/STOL AIRCRAFT
 WATER TAKEOFF AND LANDING
 AIRCRAFT

COMMERCIAL AVIATION

USE CIVIL AVIATION
COMMERCIAL AIRCRAFT

COMMERCIAL ENERGY

RT ALLOCATIONS
DISTRIBUTING
DOMESTIC ENERGY
ECONOMIC FACTORS
 ∞ ENERGY
 ENERGY CONSUMPTION
 ENERGY CONVERSION
 INDUSTRIAL ENERGY
 TRANSPORTATION ENERGY

COMMINATION

UF ATTRITION (MATERIALS)
GS **COMMINATION**
 .. CRUSHING
 .. GRINDING (COMMINATION)
 .. SHREDDING
RT ATOMIZING
BENEFICIATION
CHIPPING
COLLOIDING
CRUSHERS
CUTTING
DISINTEGRATION
FLAKING
FRAGMENTATION
GAS ATOMIZATION
GRINDING MILLS
METAL POWDER
 ∞ MILLING
 PARTICLE PRODUCTION
 POWDER METALLURGY
 ∞ REDUCTION

COMMITTEE ON SPACE RESEARCH

UF COSPAR (COMMITTEE)
RT ∞ AEROSPACE SCIENCES
 CONFERENCES
 EUROPEAN SPACE PROGRAMS
 INTERNATIONAL COOPERATION
 NASA PROGRAMS
 PROGRAMS

COMMODITIES

RT GOVERNMENT PROCUREMENT
MANUFACTURING
MARKET RESEARCH
PROCUREMENT MANAGEMENT
PRODUCTS

COMMONALITY (EQUIPMENT)

GS STANDARDIZATION
 COMMONALITY (EQUIPMENT)
RT AIRCRAFT EQUIPMENT
COST REDUCTION
EFFICIENCY
EQUIPMENT SPECIFICATIONS
GROUND SUPPORT SYSTEMS
SPACECRAFT COMPONENTS
SPECIFICATIONS

COMMUNICATING

UF INFORMATION TRANSFER
GS **COMMUNICATING**
 .. AIRCRAFT COMMUNICATION
 .. CONVERSATION
 .. ELECTROSTATIC
 COMMUNICATION
 .. GROUND-AIR-GROUND
 COMMUNICATION
 .. INFORMATION DISSEMINATION
 .. MESSAGES

COMMUNICATION

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COMMUNICATING-(CONT.)

.. SELECTIVE DISSEMINATION OF INFORMATION
.. INTERSTELLAR COMMUNICATION
.. LIP READING
.. POINT TO POINT COMMUNICATION
.. NASCOM NETWORK
.. UNDERGROUND COMMUNICATION
.. VERBAL COMMUNICATION
RT COLOR TELEVISION
CROSSTALK
EDUCATION
FREQUENCY ASSIGNMENT
INFORMATION
INFORMATION FLOW
INFORMATION MANAGEMENT
MESSAGE PROCESSING
MORSE CODE
STEREOTELEVISION
SYSTEMS ENGINEERING
TDR SATELLITES
TECHNOLOGY TRANSFER
TELECOMMUNICATION

COMMUNICATION

GS TELECOMMUNICATION
.. COMMUNICATION
.. FACSIMILE COMMUNICATION
.. LINE OF SIGHT COMMUNICATION
.. OPTICAL COMMUNICATION
.. UNDERWATER COMMUNICATION
RT INFORMATION
INFORMATION FLOW
INFORMATION MANAGEMENT
MARISAT SATELLITES
MESSAGE PROCESSING
SPREAD SPECTRUM TRANSMISSION
TECHNOLOGY TRANSFER

COMMUNICATION CABLES

GS TRANSMISSION LINES
.. COMMUNICATION CABLES
.. COAXIAL CABLES
.. WAVEGUIDES
.. OPTICAL WAVEGUIDES
.. PLASMA GUIDES
.. RECTANGULAR GUIDES
RT CABLES
ELECTRIC WIRE
SUBMARINE CABLES

COMMUNICATION EQUIPMENT

GS COMMUNICATION EQUIPMENT
.. ADVANCED VIDICON CAMERA SYSTEM (AVCS)
.. CLOSED CIRCUIT TELEVISION
.. DIPLEXERS
.. INTERPHONES
.. PLAT SYSTEM
.. RADIO RECEIVERS
.. SUPERHETERODYNE RECEIVERS
.. TRANSMITTER RECEIVERS
.. WHISTLER RECORDERS
.. SPACECRAFT TELEVISION
.. DIGITAL SPACECRAFT TELEVISION
.. RANGER BLOCK 3 TELEVISION SYSTEM
.. SATELLITE TELEVISION
.. STEREOTELEVISION
RT ANTENNA COMPONENTS
BIOTELEMETRY
COLOR TELEVISION
EARTH TERMINALS
EDUCATIONAL TELEVISION
EQUIPMENT
FURLABLE ANTENNAS
INERTIALESS STEERABLE ANTENNAS
INFORMATION ADAPTIVE SYSTEM
LOGARITHMIC RECEIVERS
MATCHED FILTERS
ORBITING DIPOLES
P.A.C.M. TELEMETRY
PULSE FREQUENCY MODULATION
PULSE FREQUENCY MODULATION TELEMETRY
RADIO COMMUNICATION
RADIO EQUIPMENT
RADIO RELAY SYSTEMS
RADIO TELEGRAPHY
RADIO TELEMETRY
SPHERICAL ANTENNAS
TELEMETRY
TELEPHONY
TELEVISION SYSTEMS
UNIFIED S BAND

COMMUNICATION NETWORKS

GS COMMUNICATION NETWORKS
.. NASCOM NETWORK
RT ACCESS CONTROL
BROADCASTING
DATA LINKS
DEFENSE COMMUNICATIONS SYSTEM (DCS)
FREQUENCY DIVISION MULTIPLEXING
NETWORK CONTROL
PACKET SWITCHING
PACKETS (COMMUNICATION)
PULSE COMMUNICATION
RADIO COMMUNICATION
SATELLITE NETWORKS
TELECOMMUNICATION

COMMUNICATION SATELLITES

GS SATELLITES
.. ARTIFICIAL SATELLITES
.. COMMUNICATION SATELLITES
.. AERONAUTICAL SATELLITES
.. AEROSAT SATELLITES
.. ARCOMSAT
.. COMMUNICATIONS TECHNOLOGY SATELLITE
.. COMSTAR C
.. NATO 3B SATELLITE
.. COMSTAR SATELLITES
.. COSMOS 1130 SATELLITE
.. COSMOS 1131 SATELLITE
.. COSMOS 1132 SATELLITE
.. COSMOS 1133 SATELLITE
.. COSMOS 1134 SATELLITE
.. COSMOS 1135 SATELLITE
.. COSMOS 1136 SATELLITE
.. COSMOS 1137 SATELLITE
.. EUROPEAN COMMUNICATIONS SATELLITE
.. INTELSAT SATELLITES
.. INTELSAT 1 SATELLITE
.. INTELSAT 2 SATELLITE
.. INTELSAT 3 SATELLITE
.. INTELSAT 4 SATELLITE
.. INTELSAT 5 SATELLITE
.. INTELSAT 5B SATELLITE
.. INTELSAT 5C SATELLITE
.. LOW FREQUENCY TRANSIONOSPHERIC SATELLITES
.. MAROTS (ESA)
.. MOLNIYA SATELLITES
.. PALAPA SATELLITES
.. PALAPA 1 SATELLITE
.. PALAPA 2 SATELLITE
.. RADUGA SATELLITE
.. RCA SATCOM SATELLITES
.. RCA SATCOM C
.. RCA SATCOM 1
.. RCA SATCOM 2
.. RELAY SATELLITES
.. RELAY 1 SATELLITE
.. RELAY 2 SATELLITE
.. SYMPHONIE SATELLITES
.. SYNCOM SATELLITES
.. EARLY BIRD SATELLITES
.. SYNCOM 1 SATELLITE
.. SYNCOM 2 SATELLITE
.. SYNCOM 3 SATELLITE
.. SYNCOM 4 SATELLITE
.. WESTAR SATELLITES
.. EARTH SATELLITES
.. COMMUNICATION SATELLITES
.. AERONAUTICAL SATELLITES
.. AEROSAT SATELLITES
.. ARCOMSAT
.. COMMUNICATIONS TECHNOLOGY SATELLITE
.. COMSTAR C
.. NATO 3B SATELLITE
.. COMSTAR SATELLITES
.. COSMOS 1130 SATELLITE
.. COSMOS 1131 SATELLITE
.. COSMOS 1132 SATELLITE
.. COSMOS 1133 SATELLITE
.. COSMOS 1134 SATELLITE
.. COSMOS 1135 SATELLITE
.. COSMOS 1136 SATELLITE
.. COSMOS 1137 SATELLITE
.. EUROPEAN COMMUNICATIONS SATELLITE
.. INTELSAT SATELLITES
.. INTELSAT 1 SATELLITE
.. INTELSAT 2 SATELLITE
.. INTELSAT 3 SATELLITE
.. INTELSAT 4 SATELLITE
.. INTELSAT 5 SATELLITE

COMMUNICATION SATELLITES-(CONT.)

.. INTELSAT 5B SATELLITE
.. INTELSAT 5C SATELLITE
.. LOW FREQUENCY TRANSIONOSPHERIC SATELLITES
.. MAROTS (ESA)
.. MOLNIYA SATELLITES
.. PALAPA SATELLITES
.. PALAPA 1 SATELLITE
.. PALAPA 2 SATELLITE
.. RADUGA SATELLITE
.. RCA SATCOM SATELLITES
.. RCA SATCOM C
.. RCA SATCOM 1
.. RCA SATCOM 2
.. RELAY SATELLITES
.. RELAY 1 SATELLITE
.. RELAY 2 SATELLITE
.. SYMPHONIE SATELLITES
.. SYNCOM SATELLITES
.. EARLY BIRD SATELLITES
.. SYNCOM 1 SATELLITE
.. SYNCOM 2 SATELLITE
.. SYNCOM 3 SATELLITE
.. SYNCOM 4 SATELLITE
.. WESTAR SATELLITES
RT ADVENT PROJECT
ATS
CARRIER TO NOISE RATIOS
COMSAT PROGRAM
DEFENSE COMMUNICATIONS SATELLITE SYSTEM
DOMESTIC SATELLITE COMMUNICATIONS SYSTEMS
DOWNLINKING
EARTH TERMINAL MEASUREMENT SYSTEM
ECHO PROJECT
FLEET SATELLITE COMMUNICATION SYSTEM
GEOPHYSICAL SATELLITES
GROUND-AIR-GROUND COMMUNICATION
HET EXPERIMENT
INDIAN SPACE PROGRAM
LAND MOBILE SATELLITE SERVICE
MSAT
NETWORK CONTROL
ORBIT SPECTRUM UTILIZATION
PASSIVE SATELLITES
RADIO RELAY SYSTEMS
SATELLITE NETWORKS
SKYNET SATELLITES
SPACE COMMUNICATION
SYNCHRONOUS COMMUNICATIONS SATELLITE PROJ
SYNCHRONOUS METEOROLOGICAL SATELLITE
SYNCHRONOUS PLATFORMS
SYNCHRONOUS SATELLITES
TELECOMMUNICATION
TELECONFERENCING
TELSTAR PROJECT
UNMANNED SPACECRAFT
UPLINKING
WIRELESS COMMUNICATION

COMMUNICATION SYSTEMS

USE TELECOMMUNICATION

COMMUNICATION THEORY

UF STATISTICAL COMMUNICATION THEORY
GS COMMUNICATION THEORY
.. WORDS (LANGUAGE)
.. SYLLABLES
RT CROSS COUPLING
CYBERNETICS
DATA TRANSMISSION
HIGH LEVEL LANGUAGES
INFORMATION THEORY
INTELLIGIBILITY
LANGUAGES
LATTICES (MATHEMATICS)
MESSAGES
NETWORK SYNTHESIS
RANDOM NOISE
RANDOM PROCESSES
REDUNDANCY
SEMANTICS
SENTENCES
SIGNAL TO NOISE RATIOS
SWITCHING THEORY
THEORIES

COMMUNICATIONS TECHNOLOGY SATELLITE

UF HERMES SATELLITE

COMMUNICATIONS TECHNOLOGY-(CONT.)

GS SATELLITES
 . ARTIFICIAL SATELLITES
 . . COMMUNICATION SATELLITES
 . . . COMMUNICATIONS TECHNOLOGY
 SATELLITE
 . . . COMSTAR C
 . . . NATO 3B SATELLITE
 . EARTH SATELLITES
 . . COMMUNICATION SATELLITES
 . . . COMMUNICATIONS TECHNOLOGY
 SATELLITE
 . . . COMSTAR C
 . . . NATO 3B SATELLITE
 RT CANADA
 CANADIAN SPACE PROGRAMS
 INTERNATIONAL COOPERATION
 NASA PROGRAMS
 SYNCHRONOUS SATELLITES
 TECHNOLOGY ASSESSMENT
 TECHNOLOGY UTILIZATION

COMMUNITIES

GS **COMMUNITIES**
 . INHABITANTS
 . . MOUNTAIN INHABITANTS
 RT CITIES
 DEMOGRAPHY
 ETHNIC FACTORS
 INTEGRATED ENERGY SYSTEMS
 MEGALOPOLISES
 MINORITIES
 MODULAR INTEGRATED UTILITY SYSTEM
 NATIONS
 POLICE
 POLITICS
 REGIMES
 SOCIOLOGY
 STARSITE PROGRAM
 UNITED NATIONS
 URBAN DEVELOPMENT
 URBAN PLANNING
 URBAN RESEARCH

COMMUTATION

RT COMMUTATORS
 INTERPOLATION
 SWITCHING THEORY

COMMUTATORS

GS **COMMUTATORS**
 . DECOMMUTATORS
 RT ARMATURES
 COMMUTATION
 DISTRIBUTORS
 ELECTRIC CONTACTS
 ELECTRIC MOTORS
 ∞ ROTATING ELECTRICAL MACHINES
 ROTATING GENERATORS

COMPACTING

RT AGGLOMERATION
 COLD PRESSING
 DENSIFICATION
 HOT PRESSING
 POWDER METALLURGY
 PRESSES
 ∞ PRESSING
 PRESSING (FORMING)
 VIBRATION

COMPACTNESS

USE VOID RATIO

COMPANDING

RT FREQUENCY MODULATION
 MODULATION
 RADIO TRANSMISSION
 SIGNAL PROCESSING
 SIGNAL TO NOISE RATIOS

COMPANION STARS

GS CELESTIAL BODIES
 . STARS
 . . BINARY STARS
 . . . **COMPANION STARS**
 RT PARALLAX
 STELLAR MOTIONS
 VARIABLE STARS
 VISUAL OBSERVATION

COMPARATOR CIRCUITS

GS CIRCUITS
 . **COMPARATOR CIRCUITS**
 RT CLIPPER CIRCUITS

COMPARATOR CIRCUITS-(CONT.)

DELAY CIRCUITS
 DISCRIMINATION
 TIME DISCRIMINATION

COMPARATORS

GS MEASURING INSTRUMENTS
 . **COMPARATORS**
 RT DISCRIMINATORS
 ERROR SIGNALS
 HARMONIC GENERATORS
 MONOCHROMATORS
 REFLECTOMETERS

COMPARISON

RT ANALOGIES
 COST ANALYSIS
 ECONOMIC ANALYSIS
 ESTIMATES
 EVALUATION
 EXAMINATION
 MATCHING
 PATTERN REGISTRATION
 RANKING

COMPARTMENTATION

USE COMPARTMENTS

COMPARTMENTS

UF COMPARTMENTATION
 GS **COMPARTMENTS**
 . AIR LOCKS
 . AIRCRAFT COMPARTMENTS
 . COMMAND MODULES
 . PRESSURIZED CABINS
 . SPACECRAFT CABINS
 . TEST CHAMBERS
 . . ANECHOIC CHAMBERS
 . . PRESSURE CHAMBERS
 . . . HYPERBARIC CHAMBERS
 . . . VACUUM CHAMBERS
 RT BAYS (STRUCTURAL UNITS)
 ∞ CELLS
 CREW EXPERIMENT STATIONS
 CREW OBSERVATION STATIONS
 CREW STATIONS
 CREW WORK STATIONS
 ENCLOSURES
 MODULES
 ROOMS
 SPACECRAFT MODULES

COMPASS (PROGRAMMING LANGUAGE)

GS LANGUAGES
 . PROGRAMMING LANGUAGES
 . . ASSEMBLY LANGUAGE
 . . . **COMPASS (PROGRAMMING LANGUAGE)**
 RT COMPILERS
 COMPUTER PROGRAMMING

COMPASSES

GS AIRCRAFT INSTRUMENTS
 . **COMPASSES**
 . . GYROCOMPASSES
 . . MAGNETIC COMPASSES
 . . SOLAR COMPASSES
 MEASURING INSTRUMENTS
 . **COMPASSES**
 . . GYROCOMPASSES
 NAVIGATION AIDS
 . NAVIGATION INSTRUMENTS
 . . **COMPASSES**
 . . . GYROCOMPASSES
 . . . MAGNETIC COMPASSES
 . . . SOLAR COMPASSES
 RT BEACONS
 BUOYS
 FLIGHT INSTRUMENTS
 RADAR BEACONS
 RADIO DIRECTION FINDERS
 TRANSITS

COMPATIBILITY

GS **COMPATIBILITY**
 . BIOCOMPATIBILITY
 . ELECTROMAGNETIC COMPATIBILITY
 . SYSTEMS COMPATIBILITY
 RT ACCEPTABILITY
 AFFINITY
 CONVENTIONS
 PERMISSIVITY
 STABILITY
 SUITABILITY
 VERSATILITY

∞ COMPENSATION

SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)*
 RT ALLOWANCES
 ERRORS
 IMAGE MOTION COMPENSATION
 INSTRUMENT COMPENSATION
 TEMPERATURE COMPENSATION
 TRANSIENT RESPONSE

COMPENSATORS

RT BALANCE
 BIAS
 ERROR SIGNALS
 FEEDBACK
 VIDEO EQUIPMENT

COMPENSATORY TRACKING

GS TRACKING (POSITION)
 . **COMPENSATORY TRACKING**
 RT INFRARED TRACKING
 OPTICAL TRACKING
 RADAR TRACKING

COMPETITION

RT ATHLETES
 HUMAN PERFORMANCE
 HUMAN REACTIONS
 PHYSICAL FITNESS

COMPILATION (COMPUTERS)

USE COMPILERS

COMPILER PROGRAMS

USE COMPILERS

COMPILERS

SN (PROGRAM-MAKING ROUTINES FOR DIGITAL COMPUTERS)
 UF COMPILATION (COMPUTERS)
 COMPILER PROGRAMS
 GS COMPUTER PROGRAMS
 . **COMPILERS**
 RT ASSEMBLER ROUTINES
 AUTOCODERS
 COLLATING
 COMPASS (PROGRAMMING LANGUAGE)
 COMPUTER PROGRAM INTEGRITY
 COMPUTER SYSTEMS PROGRAMS
 DATA CONVERSION ROUTINES
 FORTRAN
 OPERATING SYSTEMS (COMPUTERS)
 PARSING ALGORITHMS
 PASCAL (PROGRAMMING LANGUAGE)
 PL/1
 PROGRAMMED INSTRUCTION
 SUBROUTINES

∞ COMPLEMENT

SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)*
 RT COMPLEMENTS (MATHEMATICS)
 PERSONNEL

COMPLEMENT (BIOLOGY)

RT HEMOLYSIS

COMPLEMENTARY METAL OXIDE SEMICONDUCTORS

USE CMOS

COMPLEMENTS (MATHEMATICS)

RT ANGLES (GEOMETRY)
 ∞ COMPLEMENT
 ∞ LOGIC

COMPLETENESS

RT ACHIEVEMENT
 COMPUTER PROGRAM INTEGRITY
 INTEGRITY

COMPLEX COMPOUNDS

RT MOLECULAR STRUCTURE
 TRANSITION METALS

COMPLEX NUMBERS

RT GEOMETRY
 INTEGERS
 ∞ NUMBERS
 REAL NUMBERS

COMPLEX SYSTEMS

COMPLEX SYSTEMS

RT PARAMETER IDENTIFICATION
RELIABILITY ENGINEERING
SYSTEM IDENTIFICATION
∞ SYSTEMS
SYSTEMS ANALYSIS

COMPLEX VARIABLES

GS ANALYSIS (MATHEMATICS)
COMPLEX VARIABLES
AIRY FUNCTION
ANALYTIC FUNCTIONS
ENTIRE FUNCTIONS
BESSEL FUNCTIONS
HANKEL FUNCTIONS
CAUCHY INTEGRAL FORMULA
CONFORMAL MAPPING
CONJUGATES
CONJUGATE POINTS
EXPONENTIAL FUNCTIONS
LOGARITHMS
GAMMA FUNCTION
HARMONIC FUNCTIONS
HYPERBOLIC FUNCTIONS
HYPERGEOMETRIC FUNCTIONS
LAGUERRE FUNCTIONS
LEGENDRE FUNCTIONS
LIOUVILLE THEOREM
MATHIEU FUNCTION
MEROMORPHIC FUNCTIONS
ELLIPTIC FUNCTIONS
RATIONAL FUNCTIONS
NONHOLONOMIC EQUATIONS
ORTHOGONAL FUNCTIONS
SCHWARZ-CHRISTOFFEL
TRANSFORMATION
SINGULARITY (MATHEMATICS)
NAKED SINGULARITIES
SPHERICAL HARMONICS
RT APERIODIC FUNCTIONS
COMPLEXITY
DEPENDENT VARIABLES
EULER-CAUCHY EQUATIONS
FUNCTIONAL ANALYSIS
JOUKOWSKI TRANSFORMATION
MAXIMUM PRINCIPLE
REAL VARIABLES
SCHAUDER FIXPOINT THEOREM
STABILITY DERIVATIVES
THEODORSEN TRANSFORMATION
UNIQUENESS THEOREM
∞ VARIABLE

COMPLEXITY

UF COMPLICATION
GS COMPLEXITY
TASK COMPLEXITY
RT COMPLEX VARIABLES
FEEDBACK
∞ PERFORMANCE
STATISTICAL DISTRIBUTIONS

COMPLIANCE (ELASTICITY)

USE MODULUS OF ELASTICITY

COMPLICATION

USE COMPLEXITY

COMPONENT RELIABILITY

GS RELIABILITY
COMPONENT RELIABILITY
RT AIRCRAFT RELIABILITY
CIRCUIT RELIABILITY
CUMULATIVE DAMAGE
PROCESS CONTROL (INDUSTRY)
QUALITY CONTROL
RETIREMENT FOR CAUSE
SPACECRAFT RELIABILITY
STRUCTURAL RELIABILITY

∞ COMPONENTS

SN *(USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)*
UF PARTS
RT ACCESSORIES
ANTENNA COMPONENTS
ASSEMBLIES
CONTENT
ENGINE PARTS
FRACTIONS
INGREDIENTS
MISSILE COMPONENTS
MODULES
REDUNDANT COMPONENTS

COMPONENTS-(CONT.)

SEGMENTS
SPACECRAFT COMPONENTS
SPARE PARTS
STRUCTURAL MEMBERS
SUBASSEMBLIES

COMPOSITE FUNCTIONS

GS ANALYSIS (MATHEMATICS)
REAL VARIABLES
COMPOSITE FUNCTIONS
FUNCTIONS (MATHEMATICS)
COMPOSITE FUNCTIONS

COMPOSITE MATERIALS

UF COMPOSITES
PYROGRAPHALLOY
REINFORCED MATERIALS
GS COMPOSITE MATERIALS
ALUMINUM BORON COMPOSITES
ALUMINUM GRAPHITE COMPOSITES
BORON REINFORCED MATERIALS
BORON-EPOXY COMPOUNDS
CARBON-CARBON COMPOSITES
CERMETS
COMPOSITE PROPELLANTS
EPOXY MATRIX COMPOSITES
FIBER COMPOSITES
CARBON FIBER REINFORCED
PLASTICS
GLASS FIBER REINFORCED PLASTICS
FIBER REINFORCED COMPOSITES
GLASSY CARBON
GRAPHITE-POLYIMIDE COMPOSITES
LAMINATES
BORAL
PLYWOOD
METAL MATRIX COMPOSITES
BORSIC (TRADE NAME)
EUTECTIC COMPOSITES
POLYMER MATRIX COMPOSITES
REINFORCED PLASTICS
GLASS FIBER REINFORCED PLASTICS
MICARTA
RESIN MATRIX COMPOSITES
SUPERHYBRID MATERIALS
GRAPHITE-EPOXY COMPOSITES
THREE DIMENSIONAL COMPOSITES
WHISKER COMPOSITES
RT AIRCRAFT CONSTRUCTION MATERIALS
AIRFRAME MATERIALS
BIMETALS
BORON FIBERS
CARBON FIBERS
CLADDING
COATINGS
∞ CONSTRUCTION MATERIALS
E GLASS
FIBER ORIENTATION
FIBER RELEASE
FIBERS
INSULATION
LAY-UP
LOW DENSITY RESEARCH
∞ MATERIALS
∞ MATRICES
MATRIX MATERIALS
METALS
MIXTURES
MODULAR RATIOS
MONOTECTIC ALLOYS
MULTILAYER INSULATION
PLY ORIENTATION
POWDER METALLURGY
PREFORMS
PREPREGS
REINFORCEMENT (STRUCTURES)
REINFORCING FIBERS
REINFORCING MATERIALS
RIGID STRUCTURES
∞ ROVINGS
SANDWICH STRUCTURES
SOLID SUSPENSIONS
SPIRAL WRAPPING
THERMOSETTING RESINS

COMPOSITE PROPELLANTS

GS COMPOSITE MATERIALS
COMPOSITE PROPELLANTS
PROPELLANTS
SOLID PROPELLANTS
COMPOSITE PROPELLANTS
RT CASE BONDED PROPELLANTS
DOUBLE BASE PROPELLANTS
DOUBLE BASE ROCKET PROPELLANTS

NASA THESAURUS (VOLUME 1)

COMPOSITE PROPELLANTS-(CONT.)

EXPLOSIVES
FUEL PRODUCTION
PLASTIC PROPELLANTS
PLASTISOLS
POLYSULFIDES
POLYURETHANE RESINS
PROPELLANT ADDITIVES
PROPELLANT BINDERS
SOLID ROCKET PROPELLANTS

COMPOSITE STRUCTURES

GS COMPOSITE STRUCTURES
LAMINATES
BORAL
PLYWOOD
RT BORON-EPOXY COMPOUNDS
GLASS FIBER REINFORCED PLASTICS
HONEYCOMB CORES
HONEYCOMB STRUCTURES
HYBRID STRUCTURES
LAY-UP
PULTRUSION
STEEL STRUCTURES
∞ STRUCTURES

COMPOSITE WRAPPING

RT FIBER COMPOSITES
FILAMENT WINDING
ISOTENSOID STRUCTURES
SPIRAL WRAPPING
∞ WRAP

COMPOSITES

USE COMPOSITE MATERIALS

∞ COMPOSITION

SN *(USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)*
RT COMPOSITION (PROPERTY)
CONTENT
FORMULATIONS
INGREDIENTS
STOICHIOMETRY

COMPOSITION (PROPERTY)

GS COMPOSITION (PROPERTY)
ATMOSPHERIC COMPOSITION
ATMOSPHERIC MOISTURE
IONOSPHERIC COMPOSITION
BODY COMPOSITION (BIOLOGY)
CHEMICAL COMPOSITION
CARBON DIOXIDE CONCENTRATION
CONCENTRATION (COMPOSITION)
ATOM CONCENTRATION
CARBON DIOXIDE CONCENTRATION
LOW CONCENTRATIONS
MASCONS
METEOROID CONCENTRATION
MOISTURE CONTENT
ATMOSPHERIC MOISTURE
GAS COMPOSITION
CARBON DIOXIDE CONCENTRATION
LUNAR COMPOSITION
METEORITIC COMPOSITION
PLANETARY COMPOSITION
PLASMA COMPOSITION
RT ∞ COMPOSITION
GRADIENTS
HENRY LAW
LUMPING
MIXTURES
RAOULT LAW
SOLUTIONS
STOICHIOMETRY

COMPOSTING

GS DISPOSAL
WASTE DISPOSAL
COMPOSTING
RT GARBAGE
METABOLIC WASTES
SHREDDING
SOLID WASTES
WASTE TREATMENT
WASTE UTILIZATION

COMPOUND A

GS HALOGEN COMPOUNDS
FLUORINE COMPOUNDS
FLUORIDES
COMPOUND A

COMPOUND HELICOPTERS

- GS V/STOL AIRCRAFT
 - . ROTARY WING AIRCRAFT
 - . . . HELICOPTERS
- RT . . . **COMPOUND HELICOPTERS**
 - AERONAUTICAL ENGINEERING
 - AIR TRANSPORTATION
- ∞ AIRCRAFT
 - AIRCRAFT CONFIGURATIONS
 - AIRCRAFT DESIGN
 - HELICOPTER DESIGN
 - SHORT TAKEOFF AIRCRAFT
 - VERTICAL TAKEOFF AIRCRAFT

COMPOUNDING

- UF MILLING (MIXING)
- GS MIXING
 - . **COMPOUNDING**
- RT COLLOIDING
 - DISSOLVING
 - GRINDING (COMMINUTION)
 - HOMOGENIZING
- ∞ MILLING

∞ COMPOUNDS

- SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)*
- RT ACETYL COMPOUNDS
 - ALLOXAN
 - CYCLOC COMPOUNDS
 - ETHYL COMPOUNDS
 - MOLTEN SALTS
 - NEPTUNIUM COMPOUNDS
 - ORGANIC SULFUR COMPOUNDS
 - PALLADIUM COMPOUNDS
 - POTTING COMPOUNDS
 - RUTHENIUM COMPOUNDS
 - THALLIUM COMPOUNDS

COMPRESSED AIR

- GS GASES
 - . AIR
 - . . **COMPRESSED AIR**
 - . . . GAS MIXTURES
- RT . . . **COMPRESSED AIR**
 - COMPRESSORS
 - DRILLS
 - ENERGY STORAGE
 - MAN OPERATED PROPULSION SYSTEMS
 - OXYGEN SUPPLY EQUIPMENT
 - PNEUMATIC EQUIPMENT
- ∞ PUMPING

COMPRESSED GAS

- GS GASES
 - . **COMPRESSED GAS**
 - . . HIGH PRESSURE OXYGEN
- RT COMPRESSORS
 - GAS PRESSURE
 - PNEUMATIC CONTROL

COMPRESSIBILITY

- GS MECHANICAL PROPERTIES
 - . **COMPRESSIBILITY**
- RT BULK MODULUS
 - COMPRESSIBLE FLOW
 - COMPRESSIVE STRENGTH
 - DENSITY (MASS/VOLUME)
 - EQUATIONS OF STATE
 - GRUNEISEN CONSTANT
 - HYDROELASTICITY
 - INCOMPRESSIBILITY
 - METAL POWDER
 - POROSITY
 - POWDER (PARTICLES)

COMPRESSIBILITY EFFECTS

- RT BUFFETING
 - COMPRESSIBLE FLOW
- ∞ EFFECTS
 - FLUTTER
 - HEAT TRANSFER
 - OSCILLATING FLOW
 - PRESSURE EFFECTS
 - RELAXATION (PHYSIOLOGY)
 - SECONDARY FLOW
 - SUPERSONIC FLOW
 - TRANSONIC FLOW

COMPRESSIBLE BOUNDARY LAYER

- GS BOUNDARY LAYERS
 - . **COMPRESSIBLE BOUNDARY LAYER**
- RT LAMINAR BOUNDARY LAYER
 - THREE DIMENSIONAL BOUNDARY LAYER

COMPRESSIBLE BOUNDARY LAYER-(CONT.)
TURBULENT BOUNDARY LAYER**COMPRESSIBLE FLOW**

- GS FLUID FLOW
 - . **COMPRESSIBLE FLOW**
 - . . TRANSONIC FLOW
- RT AERODYNAMICS
 - AIR FLOW
 - CARTAN SPACE
 - COMPRESSIBILITY
 - COMPRESSIBILITY EFFECTS
 - CROCCO METHOD
 - GAS FLOW
 - HUGONIOT EQUATION OF STATE
 - HYPERSONIC FLOW
 - INCOMPRESSIBLE FLOW
 - MAGNETOHYDRODYNAMIC FLOW
 - NEWTON PRESSURE LAW
 - STAGNATION FLOW
 - STAGNATION PRESSURE
 - STAGNATION TEMPERATURE
 - SUBSONIC FLOW
 - SUPERSONIC FLOW

COMPRESSIBLE FLUIDS

- RT AERODYNAMIC HEATING
 - CROCCO METHOD
 - FLUID POWER
- ∞ FLUIDS
 - HYDROELASTICITY
 - IDEAL FLUIDS
 - INCOMPRESSIBLE FLUIDS
 - MAXWELL FLUIDS
 - METHOD OF CHARACTERISTICS
 - P WAVES
 - SUPERFLUIDITY

COMPRESSING

- UF RECOMPRESSION
 - SQUEEZING
- GS **COMPRESSING**
 - . PLASMA COMPRESSION
 - . . SPEECH BASEBAND COMPRESSION
- RT ADIABATIC CONDITIONS
 - ANVILS
 - AXIAL COMPRESSION LOADS
 - BLOWING
 - COMPRESSORS
 - CONCENTRATING
 - DENSIFICATION
 - INTERNAL COMPRESSION INLETS
 - MAGNETIC COMPRESSION
 - MECHANICAL PROPERTIES
 - METAL POWDER
 - PISTON THEORY
- ∞ PRESSING
 - PRESSURE
 - PRESSURE REDUCTION
 - PULSE COMPRESSION
- ∞ PUMPING
 - RAREFACTION
 - SUPERCHARGERS

COMPRESSION LOADS

- GS LOADS (FORCES)
 - . **COMPRESSION LOADS**
 - . . AXIAL COMPRESSION LOADS
 - . . . IMPACT LOADS
- RT AERODYNAMIC LOADS
 - AXIAL LOADS
 - BUCKLING
 - COMPRESSIVE STRENGTH
 - DYNAMIC LOADS
 - EDGE LOADING
 - MECHANICAL PROPERTIES
 - SHOCK LOADS
 - STATIC LOADS
 - STRUCTURAL DESIGN CRITERIA
 - THRUST LOADS

COMPRESSION RATIO

- GS RATIOS
 - . **COMPRESSION RATIO**
- RT EFFICIENCY
 - FUEL-AIR RATIO

COMPRESSION TESTERS

- USE COMPRESSION TESTS

COMPRESSION TESTS

- UF COMPRESSION TESTERS
 - METEORITE COMPRESSION TESTS
- RT CREEP TESTS
 - DESTRUCTIVE TESTS

COMPRESSION TESTS-(CONT.)

- HARDNESS TESTS
- IMPACT TESTS
- LOAD TESTS
- ∞ MATERIALS TESTS
- . STATIC TESTS
- ∞ TESTS

COMPRESSION WAVES

- GS ELASTIC WAVES
 - . **COMPRESSION WAVES**
- RT P WAVES

COMPRESSIVE STRENGTH

- GS MECHANICAL PROPERTIES
 - . **COMPRESSIVE STRENGTH**
- RT COMPRESSIBILITY
 - COMPRESSION LOADS
 - DUCTILITY
 - ELASTIC PROPERTIES
 - FIBER STRENGTH
 - HIGH STRENGTH
 - POISSON RATIO
 - RESILIENCE
 - SHEAR STRENGTH
- ∞ STRENGTH
 - TOUGHNESS

COMPRESSOR BLADES

- GS TURBOMACHINE BLADES
 - . **COMPRESSOR BLADES**
- RT ∞ BLADES
 - CENTRIFUGAL COMPRESSORS
 - FAN BLADES
 - ROTATING STALLS
 - ROTOR BLADES (TURBOMACHINERY)
 - STATOR BLADES
 - TURBINE BLADES
 - TURBOCOMPRESSORS
 - VANES

COMPRESSOR EFFICIENCY

- GS EFFICIENCY
 - . **COMPRESSOR EFFICIENCY**
- RT POWER EFFICIENCY
 - THERMODYNAMIC EFFICIENCY

COMPRESSOR ROTORS

- GS ROTATING BODIES
 - . ROTORS
 - . . **COMPRESSOR ROTORS**
- RT CENTRIFUGAL COMPRESSORS
 - COMPRESSORS
- ∞ FANS
 - IMPELLERS
 - ROTOR BLADES (TURBOMACHINERY)
 - TURBINE WHEELS
 - TURBOCOMPRESSORS

COMPRESSORS

- SN (EXCLUDES DATA COMPRESSORS)
- GS **COMPRESSORS**
 - . CENTRIFUGAL COMPRESSORS
 - . SUPERCHARGERS
 - . SUPERSONIC COMPRESSORS
 - . TRANSONIC COMPRESSORS
 - . TURBOCOMPRESSORS
- RT AIR CONDITIONING EQUIPMENT
 - BLOWERS
 - COMPRESSED AIR
 - COMPRESSED GAS
 - COMPRESSING
 - COMPRESSOR ROTORS
 - CONDENSERS (LIQUIFIERS)
 - COOLERS
- ∞ FANS
 - REFRIGERATING MACHINERY
 - STATORS
 - TURBOMACHINERY
 - VACUUM PUMPS
 - VANELESS DIFFUSERS

COMPTON EFFECT

- GS SCATTERING
 - . **COMPTON EFFECT**
- RT COHERENT SCATTERING
 - INELASTIC SCATTERING
 - NUCLEAR REACTIONS
 - PHOTOELECTRICITY

COMPUTATION

- UF CALCULATION
- GS **COMPUTATION**
 - . ORBIT CALCULATION

COMPUTATIONAL FLUID DYNAMICS

COMPUTATION-(CONT.)

- . . MINIMUM VARIANCE ORBIT DETERMINATION
- RT ADDITION
- ∞ APPLICATIONS OF MATHEMATICS
- ARITHMETIC
- CALCULATORS
- COMPUTERS
- DATA PROCESSING
- DATA REDUCTION
- DIVIDING (MATHEMATICS)
- ∞ FORMULAS
- INTERPOLATION
- LINEAR PREDICTION
- MULTIPLICATION
- SUBTRACTION
- SUMS

COMPUTATIONAL FLUID DYNAMICS

- GS ANALYSIS (MATHEMATICS)
- . NUMERICAL ANALYSIS
- . . **COMPUTATIONAL FLUID DYNAMICS**
- FLUID MECHANICS
- . FLUID DYNAMICS
- . . **COMPUTATIONAL FLUID DYNAMICS**
- EQUATIONS OF MOTION
- FINITE ELEMENT METHOD
- FLUID MECHANICS
- HYDRODYNAMIC COEFFICIENTS
- NAVIER-STOKES EQUATION
- PANEL METHOD (FLUID DYNAMICS)
- RELAXATION METHOD (MATHEMATICS)

COMPUTER ASSISTED INSTRUCTION

- UF CAI
- GS PROGRAMMED INSTRUCTION
- . **COMPUTER ASSISTED INSTRUCTION**
- RT LANGUAGE PROGRAMMING
- SYMBOLIC PROGRAMMING

COMPUTER COMPATIBLE TAPES

- GS PERIPHERAL EQUIPMENT (COMPUTERS)
- . COMPUTER STORAGE DEVICES
- . . MAGNETIC TAPES
- . . . **COMPUTER COMPATIBLE TAPES**
- RT COMPUTERS
- DATA PROCESSING EQUIPMENT
- DIGITAL COMPUTERS
- ∞ TAPES

COMPUTER COMPONENTS

- RT ADDING CIRCUITS
- ARITHMETIC AND LOGIC UNITS
- BINARY TO DECIMAL CONVERTERS
- BUBBLE MEMORY DEVICES
- CENTRAL PROCESSING UNITS
- COMPUTERS
- CONSOLES
- CONTROL UNITS (COMPUTERS)
- COUNTERS
- DECIMAL TO BINARY CONVERTERS
- LOGICAL ELEMENTS
- READ-ONLY MEMORY DEVICES
- REMOTE CONSOLES
- SHIFT REGISTERS

COMPUTER DESIGN

- SN (DESIGN OF COMPUTERS--EXCLUDES COMPUTERIZED DESIGN AND SYSTEMS ENGINEERING)
- RT ARCHITECTURE (COMPUTERS)
- COMPUTERS
- ∞ DESIGN
- FLUID LOGIC
- LOGIC DESIGN
- MICROPROCESSORS
- PRODUCT DEVELOPMENT
- READ-ONLY MEMORY DEVICES

COMPUTER GRAPHICS

- UF INTERACTIVE GRAPHICS
- RT COMPUTERIZED DESIGN
- COMPUTERS
- DATA PROCESSING TERMINALS
- DISPLAY DEVICES
- PLOTTERS
- REMOTE CONSOLES
- TOMOGRAPHY

COMPUTER INFORMATION SECURITY

- GS SECURITY
- . **COMPUTER INFORMATION SECURITY**
- RT CRYPTOGRAPHY
- DATA PROCESSING
- OPERATING SYSTEMS (COMPUTERS)

COMPUTER INFORMATION SECURITY-(CONT.)

PRIVACY

COMPUTER METHODS

- USE COMPUTER PROGRAMS

COMPUTER NETWORKS

- GS **COMPUTER NETWORKS**
- . ARPA COMPUTER NETWORK
- RT INTERPROCESSOR COMMUNICATION
- NETWORK CONTROL
- ∞ NETWORKS

COMPUTER PROGRAM INTEGRITY

- GS INTEGRITY
- . **COMPUTER PROGRAM INTEGRITY**
- RT COMPILERS
- COMPLETENESS
- COMPUTERS
- DIGITAL COMPUTERS
- ERRORS
- PROGRAMS
- REDUNDANCY
- SECURITY

COMPUTER PROGRAMMING

- UF LEGENDRE CODE
- GS **COMPUTER PROGRAMMING**
- . ASSEMBLER ROUTINES
- . LANGUAGE PROGRAMMING
- . MICROPROGRAMMING
- . MULTIPROGRAMMING
- . ON-LINE PROGRAMMING
- . PARALLEL PROGRAMMING
- . SYMBOLIC PROGRAMMING
- RT ADDRESSING
- ALGOL
- ALGORITHMS
- ASSEMBLY LANGUAGE
- AUTOCODERS
- BASIC (PROGRAMMING LANGUAGE)
- BATCH PROCESSING
- BCH CODES
- BLOCK DIAGRAMS
- CODING
- COMPASS (PROGRAMMING LANGUAGE)
- CONTEXT FREE LANGUAGES
- DIGITAL TECHNIQUES
- FILE MAINTENANCE (COMPUTERS)
- FLOW CHARTS
- FORMALISM
- FORMAT
- FORTRAN
- HAL/S (LANGUAGE)
- HEURISTIC METHODS
- KINOFORM
- LINEAR PROGRAMMING
- LISP (PROGRAMMING LANGUAGE)
- LOGIC DESIGN
- MACHINE-INDEPENDENT PROGRAMS
- MAP (PROGRAMMING LANGUAGE)
- MATHEMATICAL PROGRAMMING
- NATURAL LANGUAGE (COMPUTERS)
- NUMERICAL ANALYSIS
- PASCAL (PROGRAMMING LANGUAGE)
- PL/1
- PROGRAM VERIFICATION (COMPUTERS)
- PROGRAMMED INSTRUCTION
- PROGRAMMERS
- ∞ PROGRAMMING
- PROGRAMMING LANGUAGES
- REAL TIME OPERATION
- RESPONSE TIME (COMPUTERS)
- RUN TIME (COMPUTERS)
- SEQUENTIAL CONTROL
- SLEUTH (PROGRAMMING LANGUAGE)
- SYSTEMS ANALYSIS
- THEOREM PROVING
- TIME SHARING

COMPUTER PROGRAMS

- UF COMPUTER METHODS
- SOFTWARE (COMPUTERS)
- GS **COMPUTER PROGRAMS**
- . COMPILERS
- . COMPUTER SYSTEMS PROGRAMS
- . . ASSEMBLER ROUTINES
- . . INPUT/OUTPUT ROUTINES
- . . OPERATING SYSTEMS (COMPUTERS)
- . . SUBROUTINE LIBRARIES (COMPUTERS)
- . . EDITING ROUTINES (COMPUTERS)
- . . MACHINE-INDEPENDENT PROGRAMS
- . . MERGING ROUTINES
- . . MULTIPLE OUTPUT PROGRAMS

COMPUTER PROGRAMS-(CONT.)

- . NASTRAN
- . OBJECT PROGRAMS
- . SOURCE PROGRAMS
- . SUBROUTINES
- RT ALGORITHMS
- APPLICATIONS PROGRAMS (COMPUTERS)
- ASSEMBLY LANGUAGE
- BATCH PROCESSING
- BLOCK DIAGRAMS
- CODING
- COMPUTERS
- DATA CONVERSION ROUTINES
- DATA PROCESSING
- DIGITAL COMPUTERS
- ERROR DETECTION CODES
- FIXED POINT ARITHMETIC
- FLOATING POINT ARITHMETIC
- GODDARD TRAJECTORY DETERMINATION SYSTEM
- INSTRUCTION SETS (COMPUTERS)
- LASER GUIDANCE
- MACHINE TRANSLATION
- NASA INTERACTIVE PLANNING SYSTEM
- NUMERICAL CONTROL
- ON-LINE SYSTEMS
- PROGRAMMED INSTRUCTION
- PROGRAMS
- REPORT GENERATORS
- ∞ ROUTINES
- ∞ TRANSLATORS
- USER MANUALS (COMPUTER PROGRAMS)

COMPUTER SIMULATION

- USE COMPUTERIZED SIMULATION

COMPUTER STORAGE DEVICES

- UF MACHINE STORAGE
- GS PERIPHERAL EQUIPMENT (COMPUTERS)
- . **COMPUTER STORAGE DEVICES**
- . . BUFFER STORAGE
- . . CRYOGENIC COMPUTER STORAGE
- . . MAGNETIC TAPES
- . . . COMPUTER COMPATIBLE TAPES
- . . . RANDOM ACCESS MEMORY
- . . READ-ONLY MEMORY DEVICES
- . . REGISTERS (COMPUTERS)
- RT ACOUSTIC DELAY LINES
- CARDS
- CENTRAL PROCESSING UNITS
- ∞ CHANNELS
- CRYOSAR
- ∞ EQUIPMENT
- FAIRCHILD CCD-450 MEMORY DEVICE
- MAGNETIC STORAGE
- MICROPROCESSORS
- OPTICAL MEMORY (DATA STORAGE)
- PARAMETRONS
- PUNCHED CARDS
- PUNCHED TAPES
- RANDOM ACCESS
- SHIFT REGISTERS
- ∞ STORAGE
- THIN FILMS

COMPUTER SYSTEMS DESIGN

- GS SYSTEMS ENGINEERING
- . **COMPUTER SYSTEMS DESIGN**
- RT AUXILIARY EQUIPMENT (COMPUTERS)
- ∞ DESIGN
- INTERPROCESSOR COMMUNICATION
- MAN MACHINE SYSTEMS
- OPERATING SYSTEMS (COMPUTERS)
- READ-ONLY MEMORY DEVICES

COMPUTER SYSTEMS PERFORMANCE

- RT CONSISTENCY
- DATA SAMPLING
- EFFICIENCY
- EVALUATION
- OPERATOR PERFORMANCE
- OUTPUT
- ∞ PERFORMANCE
- PERFORMANCE TESTS
- QUALITY
- RELIABILITY
- RESPONSE TIME (COMPUTERS)

COMPUTER SYSTEMS PROGRAMS

- UF SOFTWARE (COMPUTERS)
- GS **COMPUTER PROGRAMS**
- . **COMPUTER SYSTEMS PROGRAMS**
- . . ASSEMBLER ROUTINES

COMPUTER SYSTEMS PROGRAMS-(CONT.)

.. INPUT/OUTPUT ROUTINES
 .. OPERATING SYSTEMS (COMPUTERS)
 .. SUBROUTINE LIBRARIES
 (COMPUTERS)

RT ALGORITHMS
 ASSEMBLY LANGUAGE
 AUTOCODERS
 COMPILERS
 COMPUTERS
 DATA PROCESSING
 DIGITAL COMPUTERS
 EDITING ROUTINES (COMPUTERS)
 ERROR DETECTION CODES
 REPORT GENERATORS
 ∞ROUTINES
 SYSTEMS ANALYSIS

COMPUTER SYSTEMS SIMULATION

GS SIMULATION
 . COMPUTER SYSTEMS SIMULATION
 RT ANALOG SIMULATION
 DATA PROCESSING EQUIPMENT
 DIGITAL SIMULATION
 MATHEMATICAL MODELS
 OPERATIONS RESEARCH
 SIMULATORS
 SYSTEMS ANALYSIS

COMPUTER TECHNIQUES

GS COMPUTER TECHNIQUES
 . IPAD
 RT ADAPTIVE OPTICS
 ARPA COMPUTER NETWORK
 COMPUTERS
 MANAGEMENT INFORMATION SYSTEMS
 MANAGEMENT METHODS
 MANAGEMENT SYSTEMS
 MICROPROCESSORS
 NASTRAN
 NUMERICAL DIFFERENTIATION
 ON-LINE SYSTEMS
 PARSING ALGORITHMS
 WORD PROCESSING

COMPUTER VISION

RT ARTIFICIAL INTELLIGENCE
 PATTERN RECOGNITION
 ROBOTS

COMPUTERIZED CONTROL

USE NUMERICAL CONTROL

COMPUTERIZED DESIGN

GS COMPUTERIZED DESIGN
 . IPAD
 RT AIRCRAFT DESIGN
 AMPLIFIER DESIGN
 COMPUTER GRAPHICS
 ∞DESIGN
 DRAFTING MACHINES
 ENGINE DESIGN
 HELICOPTER DESIGN
 LENS DESIGN
 LOFTING
 LOGIC DESIGN
 MISSILE DESIGN
 REACTOR DESIGN
 SATELLITE DESIGN
 SPACECRAFT DESIGN
 STRUCTURAL DESIGN

COMPUTERIZED SIMULATION

UF ARIP (IMPACT PREDICTION)
 AUTOMATIC ROCKET IMPACT
 PREDICTORS
 COMPUTER SIMULATION
 IP (IMPACT PREDICTION)
 GS SIMULATION
 . COMPUTERIZED SIMULATION
 .. ANALOG SIMULATION
 .. DIGITAL SIMULATION
 RT ALGORITHMS
 ALTITUDE SIMULATION
 COMPUTERS
 CONTROL SIMULATION
 FLIGHT SIMULATION
 HYDRAULIC ANALOGIES
 LANDING SIMULATION
 MATHEMATICAL MODELS
 ∞MISSILE SIMULATORS
 MOTION SIMULATORS
 NUMERICAL WEATHER FORECASTING
 OPERATIONS RESEARCH
 SYSTEMS SIMULATION

COMPUTERIZED SIMULATION-(CONT.)
TARGET SIMULATORS**COMPUTERS**

GS DATA PROCESSING EQUIPMENT
 . COMPUTERS
 . AIRBORNE/SPACEBORNE
 COMPUTERS
 . ANALOG COMPUTERS
 . . . EAI 680 COMPUTER
 . . . HONEYWELL 600/6000 COMPUTER
 . . . SIGMA 5 COMPUTER
 . . . UNIVAC 1100 SERIES COMPUTERS
 . CDC COMPUTERS
 . . CDC CYBER 74 COMPUTER
 . . CDC CYBER 170 SERIES
 COMPUTERS
 . . . CDC CYBER 175 COMPUTER
 . . . CDC CYBER 174 COMPUTER
 . . . CDC CYBER 203 COMPUTER
 . . . CDC STAR 100 COMPUTER
 . . . CDC 160-A COMPUTER
 . . . CDC 1604 COMPUTER
 . . . CDC 3000 COMPUTER
 . . . CDC 3100 COMPUTER
 . . . CDC 3200 COMPUTER
 . . . CDC 3600 COMPUTER
 . . . CDC 3800 COMPUTER
 . . . CDC 6000 SERIES COMPUTERS
 . . . CDC 6400 COMPUTER
 . . . CDC 6600 COMPUTER
 . . . CDC 6700 COMPUTER
 . . . CDC 7000 SERIES COMPUTERS
 . . . CDC 7600 COMPUTER
 . . . CDC 8090 COMPUTER
 . . . COUNTING RATE COMPUTERS
 . DDP COMPUTERS
 . . . DDP 516 COMPUTER
 . . . DIGITAL COMPUTERS
 . . . BURROUGHS 220 COMPUTER
 . . . CDC CYBER 74 COMPUTER
 . . . CDC CYBER 170 SERIES
 COMPUTERS
 . . . CDC CYBER 174 COMPUTER
 . . . CDC CYBER 203 COMPUTER
 . . . CDC STAR 100 COMPUTER
 . . . CDC 160-A COMPUTER
 . . . CDC 1604 COMPUTER
 . . . CDC 3000 COMPUTER
 . . . CDC 3100 COMPUTER
 . . . CDC 3200 COMPUTER
 . . . CDC 3600 COMPUTER
 . . . CDC 3800 COMPUTER
 . . . CDC 6000 SERIES COMPUTERS
 . . . CDC 6400 COMPUTER
 . . . CDC 6600 COMPUTER
 . . . CDC 6700 COMPUTER
 . . . CDC 7000 SERIES COMPUTERS
 . . . CDC 7600 COMPUTER
 . . . CDC 8090 COMPUTER
 . . . EAI 680 COMPUTER
 . . . EAI 8400 COMPUTER
 . . . EAI 8900 COMPUTER
 . . . EMR 6050 COMPUTER
 . . . FERRANTI MERCURY COMPUTER
 . . . GE COMPUTERS
 . . . GE 235 COMPUTER
 . . . GE 625 COMPUTER
 . . . GE 635 COMPUTER
 . . . HEWLETT-PACKARD COMPUTERS
 . . . HONEYWELL COMPUTERS
 . . . DDP 516 COMPUTER
 . . . HONEYWELL ADEPT COMPUTER
 . . . HONEYWELL DDP 116 COMPUTER
 . . . HONEYWELL 600/6000 COMPUTER
 . . . IBM 360 COMPUTER
 . . . IBM 370 COMPUTER
 . . . IBM 650 COMPUTER
 . . . IBM 704 COMPUTER
 . . . IBM 709 COMPUTER
 . . . IBM 1130 COMPUTER
 . . . IBM 1401 COMPUTER
 . . . IBM 1410 COMPUTER
 . . . IBM 1620 COMPUTER
 . . . IBM 2250 COMPUTER
 . . . IBM 7000 SERIES COMPUTERS
 . . . IBM 7030 COMPUTER
 . . . IBM 7040 COMPUTER
 . . . IBM 7044 COMPUTER
 . . . IBM 7070 COMPUTER
 . . . IBM 7074 COMPUTER
 . . . IBM 7090 COMPUTER
 . . . IBM 7094 COMPUTER
 . . . ICL COMPUTERS
 . . . ILLIAC COMPUTERS
 . . . ILLIAC 3 COMPUTER

COMPUTERS-(CONT.)

.. ILLIAC 4 COMPUTER
 . . . MICROCOMPUTERS
 . . . MINICOMPUTERS
 . . . MODCOMP II COMPUTER
 . . . MODCOMP IV COMPUTER
 . . . PARALLEL COMPUTERS
 . . . PDP COMPUTERS
 . . . PDP 7 COMPUTER
 . . . PDP 8 COMPUTER
 . . . PDP 9 COMPUTER
 . . . PDP 11 COMPUTER
 . . . PDP 11/20 COMPUTER
 . . . PDP 11/40 COMPUTER
 . . . PDP 11/45 COMPUTER
 . . . PDP 11/50 COMPUTER
 . . . PDP 11/70 COMPUTER
 . . . PDP 12 COMPUTER
 . . . SYSTEM 10 COMPUTER
 . . . PDP 15 COMPUTER
 . . . PHILCO 2000 COMPUTER
 . . . RAYTHEON COMPUTERS
 . . . RCA SPECTRA 70 COMPUTER
 . . . SDS 900 SERIES COMPUTERS
 . . . SDS 920 COMPUTER
 . . . SDS 930 COMPUTER
 . . . SDS 9300 COMPUTER
 . . . SEL COMPUTERS
 . . . SEQUENTIAL COMPUTERS
 . . . SIGMA COMPUTERS
 . . . SIGMA 2 COMPUTER
 . . . SIGMA 9 COMPUTER
 . . . SIGMA 5 COMPUTER
 . . . SOLOMON COMPUTERS
 . . . UNIVAC LARC COMPUTER
 . . . UNIVAC 80 COMPUTER
 . . . UNIVAC 418 COMPUTER
 . . . UNIVAC 490 COMPUTER
 . . . UNIVAC 494 COMPUTER
 . . . UNIVAC 1005 COMPUTER
 . . . UNIVAC 1100 SERIES COMPUTERS
 . . . UNIVAC 1105 COMPUTER
 . . . UNIVAC 1106 COMPUTER
 . . . UNIVAC 1107 COMPUTER
 . . . UNIVAC 1108 COMPUTER
 . . . UNIVAC 1110 COMPUTER
 . . . UNIVAC 1230 COMPUTER
 . . . UNIVAC 1824 COMPUTER
 . . . VAX-11 SERIES COMPUTERS
 . . . VAX-11/780 COMPUTER
 . . . HYBRID COMPUTERS
 . . . IBM COMPUTERS
 . . . IBM 360 COMPUTER
 . . . IBM 370 COMPUTER
 . . . IBM 650 COMPUTER
 . . . IBM 704 COMPUTER
 . . . IBM 709 COMPUTER
 . . . IBM 1130 COMPUTER
 . . . IBM 1401 COMPUTER
 . . . IBM 1410 COMPUTER
 . . . IBM 1620 COMPUTER
 . . . IBM 2250 COMPUTER
 . . . IBM 7000 SERIES COMPUTERS
 . . . IBM 7030 COMPUTER
 . . . IBM 7040 COMPUTER
 . . . IBM 7044 COMPUTER
 . . . IBM 7070 COMPUTER
 . . . IBM 7074 COMPUTER
 . . . IBM 7090 COMPUTER
 . . . IBM 7094 COMPUTER
 . . . INTERCOM 1000 COMPUTER
 . . . MINOS COMPUTER
 . . . ORDVAC COMPUTER
 . . . PEGASUS COMPUTER
 . . . RCA COMPUTERS
 . . . RCA SPECTRA 70 COMPUTER
 . . . RCA-110 COMPUTERS
 . . . SIEMENS 2002 COMPUTER
 . . . SITE DATA PROCESSORS
 . . . UNIVAC COMPUTERS
 . . . UNIVAC LARC COMPUTER
 . . . UNIVAC 80 COMPUTER
 . . . UNIVAC 418 COMPUTER
 . . . UNIVAC 490 COMPUTER
 . . . UNIVAC 494 COMPUTER
 . . . UNIVAC 1005 COMPUTER
 . . . UNIVAC 1100 SERIES COMPUTERS
 . . . UNIVAC 1105 COMPUTER
 . . . UNIVAC 1106 COMPUTER
 . . . UNIVAC 1107 COMPUTER
 . . . UNIVAC 1108 COMPUTER
 . . . UNIVAC 1110 COMPUTER
 . . . UNIVAC 1230 COMPUTER
 . . . UNIVAC 1824 COMPUTER
 RT APPLICATIONS PROGRAMS
 (COMPUTERS)

COMPUTERS-(CONT.)

ARITHMETIC AND LOGIC UNITS
 ARTIFICIAL INTELLIGENCE
 AUTOMATA THEORY
 ∞ AUTOMATION
 CALCULATORS
 CENTRAL PROCESSING UNITS
 COMPUTATION
 COMPUTER COMPATIBLE TAPES
 COMPUTER COMPONENTS
 COMPUTER DESIGN
 COMPUTER GRAPHICS
 COMPUTER PROGRAM INTEGRITY
 COMPUTER PROGRAMS
 COMPUTER SYSTEMS PROGRAMS
 COMPUTER TECHNIQUES
 COMPUTERIZED SIMULATION
 CONTROL DATA (COMPUTERS)
 CONTROL UNITS (COMPUTERS)
 CYBERNETICS
 DATA CONVERTERS
 DATA PROCESSING
 DIGITAL TO VOICE TRANSLATORS
 FILE MAINTENANCE (COMPUTERS)
 FIXED POINT ARITHMETIC
 FLOATING POINT ARITHMETIC
 HAL/S (LANGUAGE)
 HARDWARE
 INFORMATION RETRIEVAL
 INFORMATION THEORY
 INTEL 8080 MICROPROCESSOR
 LOGIC CIRCUITS
 MACHINE-INDEPENDENT PROGRAMS
 ∞ MACHINERY
 MULTIPROCESSING (COMPUTERS)
 PRINTERS (DATA PROCESSING)
 READ-ONLY MEMORY DEVICES
 REAL TIME OPERATION
 RUN TIME (COMPUTERS)
 TELECOMMUNICATION
 VOCODERS

COMSAT PROGRAM

GS PROGRAMS
 . COMSAT PROGRAM
 RT COMMUNICATION SATELLITES
 EARLY BIRD SATELLITES
 TELSTAR PROJECT
 TELSTAR SATELLITES

COMSTAR C

GS SATELLITES
 . ARTIFICIAL SATELLITES
 . . COMMUNICATION SATELLITES
 . . . COMMUNICATIONS TECHNOLOGY
 SATELLITE
 COMSTAR C
 . . . EARTH SATELLITES
 . . . COMMUNICATION SATELLITES
 . . . COMMUNICATIONS TECHNOLOGY
 SATELLITE
 COMSTAR C

COMSTAR SATELLITES

GS SATELLITES
 . ARTIFICIAL SATELLITES
 . . COMMUNICATION SATELLITES
 . . . COMSTAR SATELLITES
 . . . EARTH SATELLITES
 . . . COMMUNICATION SATELLITES
 COMSTAR SATELLITES
 RT SATELLITE NETWORKS

CONCATENATED CODES

RT BINARY CODES
 ∞ CODES
 CODING
 DATA TRANSMISSION
 DECODING
 ERROR CORRECTING CODES
 REDUNDANCY ENCODING
 SIGNAL ENCODING

CONCAVITY

RT CONTOUR SENSORS
 CONTOURS
 CONVEXITY
 FLATNESS
 SHAPES
 ∞ SURFACE GEOMETRY

CONCENTRATING

RT ACCUMULATIONS
 ADSORPTION
 AGGLOMERATION

CONCENTRATING-(CONT.)

BENEFICIATION
 CENTRIFUGING
 CLASSIFIERS
 COAGULATION
 COALESCING
 COMPRESSING
 ∞ CONCENTRATION
 CONCENTRATORS
 CONDENSING
 CRYSTALLIZATION
 DISTILLATION
 DRYING
 ENRICHMENT
 EVAPORATION
 EXTRACTION
 FILTRATION
 FLOCCULATING
 FLOTATION
 PERCOLATION
 PRECIPITATION (CHEMISTRY)
 ∞ SEPARATION
 SEPARATORS
 SETTLING
 SORPTION
 STRESS CONCENTRATION
 UPGRADING
 VAPORIZING

∞ CONCENTRATION

SN *(USE OF A MORE SPECIFIC TERM IS
 RECOMMENDED--CONSULT THE TERMS
 LISTED BELOW)*
 RT CONCENTRATING
 CONCENTRATION (COMPOSITION)
 CROWDING
 FILTRATION
 ISOTOPIC ENRICHMENT

CONCENTRATION (COMPOSITION)

GS COMPOSITION (PROPERTY)
 . CONCENTRATION (COMPOSITION)
 . . ATOM CONCENTRATION
 . . CARBON DIOXIDE CONCENTRATION
 . . LOW CONCENTRATIONS
 . . MASCONS
 . . METEOROID CONCENTRATION
 . . MOISTURE CONTENT
 . . . ATMOSPHERIC MOISTURE
 RT ∞ CONCENTRATION
 DILUTION
 PARTICULATE SAMPLING
 PURITY
 QUALITY
 SAMPLING
 ∞ SATURATION
 SOLUBILITY

CONCENTRATORS

GS CONCENTRATORS
 . SPIRALS (CONCENTRATORS)
 RT ACCUMULATORS
 CENTRIFUGES
 CLASSIFIERS
 ∞ CLASSIFYING
 COLUMNS (PROCESS ENGINEERING)
 CONCENTRATING
 EVAPORATORS
 FILTRATION
 FLUID FILTERS
 PRECIPITATORS
 RADIATIVE HEAT TRANSFER
 SEPARATORS
 SIZE SEPARATION
 SIZING SCREENS
 SOLAR COLLECTORS
 STILL
 THERMAL RADIATION
 TRAPS
 WASHERS (CLEANERS)

CONCENTRIC CYLINDERS

RT ∞ CYLINDERS
 CYLINDRICAL SHELLS

CONCENTRIC SPHERES

GS SYMMETRICAL BODIES
 . BODIES OF REVOLUTION
 . . SPHERES
 . . . CONCENTRIC SPHERES
 RT CONCENTRICITY

CONCENTRICITY

RT ∞ CENTERS
 CONCENTRIC SPHERES

CONCENTRICITY-(CONT.)

ECCENTRICITY

CONCORDE AIRCRAFT

GS JET AIRCRAFT
 . TURBOFAN AIRCRAFT
 . . CONCORDE AIRCRAFT
 SUD AVIATION AIRCRAFT
 . CONCORDE AIRCRAFT
 SUPERSONIC AIRCRAFT
 . SUPERSONIC TRANSPORTS
 . . CONCORDE AIRCRAFT
 TRANSPORT AIRCRAFT
 . CONCORDE AIRCRAFT
 RT ∞ AIRCRAFT

CONCRETE STRUCTURES

RT AGGREGATES
 BREAKWATERS
 CONSTRUCTION
 EARTHQUAKE RESISTANT STRUCTURES
 FOUNDATIONS
 ∞ MATERIALS
 RIGID STRUCTURES
 ∞ STRUCTURES
 TOWERS

CONCRETES

RT ADMIXTURES
 AGGREGATES
 CEMENTS
 ∞ CONSTRUCTION MATERIALS
 GROUT
 INSULATION
 MASONRY
 MORTARS (MATERIAL)
 PAVEMENTS
 STRUCTURAL MEMBERS

CONDENSATES

RT AITKEN NUCLEI
 ∞ CONDENSATION
 CONDENSERS (LIQUIFIERS)
 CONDENSING
 CONTRAILS
 DROP SIZE
 LIQUEFIED GASES
 PLUMES
 VAPORS

∞ CONDENSATION

SN *(USE OF A MORE SPECIFIC TERM IS
 RECOMMENDED--CONSULT THE TERMS
 LISTED BELOW)*
 RT CONDENSATES
 CONDENSING
 GAS-METAL INTERACTIONS
 LIQUEFACTION
 MAYER PROBLEM
 RECTIFICATION

CONDENSATION PUMPS

GS PUMPS
 . VACUUM PUMPS
 . . CONDENSATION PUMPS
 VACUUM APPARATUS
 . VACUUM PUMPS
 . . CONDENSATION PUMPS

CONDENSATION TRAILS

USE CONTRAILS

CONDENSER RADIATORS

USE CONDENSERS (LIQUIFIERS)
 HEAT RADIATORS

∞ CONDENSERS

SN *(USE OF A MORE SPECIFIC TERM IS
 RECOMMENDED--CONSULT THE TERMS
 LISTED BELOW)*
 RT CAPACITORS
 CONDENSERS (LIQUIFIERS)
 JET CONDENSERS
 PHOTOGRAPHIC RECTIFIERS

CONDENSERS (LIQUIFIERS)

UF CONDENSER RADIATORS
 GS CONDENSERS (LIQUIFIERS)
 . JET CONDENSERS
 RT ABSORBERS (EQUIPMENT)
 AIR CONDITIONING
 AIR CONDITIONING EQUIPMENT
 COLD TRAPS
 COLUMNS (PROCESS ENGINEERING)

- CONDENSERS (LIQUIFIERS)-(CONT.)**
 COMPRESSORS
 CONDENSATES
 ∞ CONDENSERS
 CONDENSING
 COOLING FINS
 COOLING SYSTEMS
 DISTILLATION EQUIPMENT
 DRYING APPARATUS
 EVAPORATORS
 EXHAUST SYSTEMS
 FILM CONDENSATION
 HEAT EXCHANGERS
 HEAT PUMPS
 LIQUEFIED GASES
 REFRIGERATING MACHINERY
 SEPARATORS
 SPACECRAFT RADIATORS
 VAPORIZERS
- CONDENSING**
 UF GAS LIQUEFACTION
 GS **CONDENSING**
 . FILM CONDENSATION
 RT ASSOCIATION REACTIONS
 CLOUD PHYSICS
 CONCENTRATING
 CONDENSATES
 ∞ CONDENSATION
 CONDENSERS (LIQUIFIERS)
 COOLING
 DEHUMIDIFICATION
 DEW POINT
 DISTILLATION
 DROP SIZE
 DROPS (LIQUIDS)
 EVAPORATION
 GAS-LIQUID INTERACTIONS
 GAS-METAL INTERACTIONS
 NUCLEATION
 PHASE CHANGE MATERIALS
 PHASE TRANSFORMATIONS
 REFRIGERATING
 ∞ SATURATION
 ∞ SEPARATION
 SUBLIMATION
 SUPERCOOLING
 SUPERSATURATION
- CONDITIONED REFLEXES**
 GS REFLEXES
 . **CONDITIONED REFLEXES**
 RT CONDITIONING (LEARNING)
 REACTION TIME
- CONDITIONED RESPONSES**
 USE CONDITIONING (LEARNING)
- ∞ **CONDITIONING**
 SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)*
 RT BENEFICIATION
 CONDITIONING (LEARNING)
 POWER CONDITIONING
 PRECONDITIONING
- CONDITIONING (LEARNING)**
 UF CONDITIONED RESPONSES
 GS LEARNING
 . **CONDITIONING (LEARNING)**
 RT BEHAVIOR
 CONDITIONED REFLEXES
 ∞ CONDITIONING
 HABITUATION (LEARNING)
 INHIBITION (PSYCHOLOGY)
- CONDITIONING (TREATING)**
 USE TREATMENT
- CONDITIONS**
 GS **CONDITIONS**
 . ADIABATIC CONDITIONS
 . CHRONIC CONDITIONS
 . FLIGHT CONDITIONS
 . KUTTA-JOUKOWSKI CONDITION
 . LIPSCHITZ CONDITION
 . NONADIABATIC CONDITIONS
 . NONEQUILIBRIUM CONDITIONS
 . RUNWAY CONDITIONS
- CONDOR MISSILE**
 GS MISSILES
 . AIR TO SURFACE MISSILES
 . **CONDOR MISSILE**
- CONDUCTANCE**
 USE RESISTANCE
- CONDUCTING**
 USE CONDUCTION
- CONDUCTING FLUIDS**
 SN (EXCLUDES PLASMAS)
 RT CONDUCTORS
 ELECTROLYTES
 MAGNETOHYDRODYNAMICS
- CONDUCTING MEDIA**
 USE CONDUCTORS
- ∞ **CONDUCTION**
 SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)*
 UF CONDUCTING
 RT ATTENUATION
 CONDUCTIVE HEAT TRANSFER
 CONVECTION
 ELECTRIC CONDUCTORS
 ELECTRIC POWER TRANSMISSION
 HEAT TRANSFER
 HEATING
 REFRACTION
 SOUND PROPAGATION
 SOUND TRANSMISSION
 THERMAL CONDUCTORS
 THERMAL DIFFUSION
 TRANSMISSION
 WAVE PROPAGATION
- CONDUCTION BANDS**
 GS ENERGY BANDS
 . **CONDUCTION BANDS**
 RT BAND STRUCTURE OF SOLIDS
 ∞ BANDS
 BRILLOUIN ZONES
 ELECTRON TRANSITIONS
 FRANCK-CONDON PRINCIPLE
 NDM SEMICONDUCTOR DEVICES
 POLARONS
 SEMICONDUCTORS (MATERIALS)
 TRAPPING
- CONDUCTION ELECTRONS**
 GS GASES
 . IONIZED GASES
 . CHARGED PARTICLES
 . . . **CONDUCTION ELECTRONS**
 PARTICLES
 . CHARGED PARTICLES
 . . ENERGETIC PARTICLES
 . . . ELECTRONS
 **CONDUCTION ELECTRONS**
 RT FREE ELECTRONS
 VALENCE
- CONDUCTIVE HEAT TRANSFER**
 UF HEAT CONDUCTION
 GS TRANSMISSION
 . HEAT TRANSMISSION
 . . HEAT TRANSFER
 . . . **CONDUCTIVE HEAT TRANSFER**
 RT ∞ CONDUCTION
 CONVECTIVE HEAT TRANSFER
 LAMINAR HEAT TRANSFER
 THERMAL CONDUCTIVITY
 THERMAL CONDUCTORS
- ∞ **CONDUCTIVITY**
 SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)*
 RT ATMOSPHERIC CONDUCTIVITY
 ELECTRICAL PROPERTIES
 ELECTRICAL RESISTIVITY
 FLUID FLOW
 IMPEDANCE
 IONOSPHERIC CONDUCTIVITY
 MAGNETORESISTIVITY
 MOBILITY
 OHMS LAW
 PHOTOCONDUCTIVITY
 PLASMA CONDUCTIVITY
 SUPERCONDUCTING POWER
 TRANSMISSION
 SUPERCONDUCTIVITY
 THERMAL CONDUCTIVITY
 TRANSPORT PROPERTIES
 VOID RATIO
- CONDUCTIVITY METERS**
 GS MEASURING INSTRUMENTS
 . **CONDUCTIVITY METERS**
 . . ELECTRICAL CONDUCTIVITY METERS
- CONDUCTORS**
 UF CONDUCTING MEDIA
 GS **CONDUCTORS**
 . BUS CONDUCTORS
 . ELECTRIC CONDUCTORS
 . ELECTRIC WIRE
 . ELECTROLYTES
 . ANOLYTES
 . CATHOLYTES
 . ION EXCHANGE MEMBRANE
 ELECTROLYTES
 . JUMPERS
 . MOLTEN SALT ELECTROLYTES
 . NONAQUEOUS ELECTROLYTES
 . SOLID ELECTROLYTES
 . FLAT CONDUCTORS
 . PHOTOCONDUCTORS
 . SUPERCONDUCTORS
 . THERMAL CONDUCTORS
 RT ANTENNAS
 CONDUCTING FLUIDS
 EXPLODING WIRES
 METALS
 NONFERROUS METALS
 ORGANIC SEMICONDUCTORS
 SEMICONDUCTORS (MATERIALS)
 SUBREFLECTORS
- CONES**
 SN (LIMITED TO MATERIAL OBJECTS)
 UF CONICAL FLARE
 FUSIFORM SHAPES
 GS **CONES**
 . CIRCULAR CONES
 . CONICAL BODIES
 . SLENDER CONES
 . NOSE CONES
 . . ABLATIVE NOSE CONES
 . . ROCKET NOSE CONES
 . SHATTER CONES
 RT AERODYNAMIC CONFIGURATIONS
 BODIES OF REVOLUTION
 CONICAL SHELLS
 CONICS
 FRUSTUMS
 HALF CONES
 MACH CONES
 SYMMETRICAL BODIES
- CONES (VOLCANOES)**
 UF CINDER CONES
 GS GEOLOGY
 . **CONES (VOLCANOES)**
 LANDFORMS
 . **CONES (VOLCANOES)**
 RT BASALT
 CALDERAS
 CRATERS
 EFFUSIVES
 GEOMORPHOLOGY
 LAVA
 MARS VOLCANOES
 MOUNTAINS
 OROGRAPHY
 PALEOMAGNETISM
 PETROLOGY
 ROUSE BELTS
 VOLCANOES
 VOLCANOLOGY
- CONFERENCES**
 UF MEETINGS
 RT COMMITTEE ON SPACE RESEARCH
 CONSULTING
 CONVENTIONS
 ∞ DISCUSSION
 PROCEEDINGS
 STARSITE PROGRAM
 TELECONFERENCING
- CONFIDENCE**
 RT CORRELATION
 ERRORS
 PROBABILITY THEORY
 PSYCHOLOGICAL EFFECTS
 QUALITY CONTROL
 RELIABILITY
 RISK
 STATISTICAL ANALYSIS

CONFIDENCE LIMITS

CONFIDENCE LIMITS

RT CONTINGENCY
ESTIMATES
FORECASTING
MAXIMUM LIKELIHOOD ESTIMATES
MEASUREMENT
NULL HYPOTHESIS
PRECISION
PREDICTIONS
QUALITY CONTROL
RANGE (EXTREMES)
RELIABILITY
RISK
SAMPLING
SIGNIFICANCE
STANDARD DEVIATION
STATISTICAL ANALYSIS
STATISTICAL TESTS
TESTS
VARIANCE (STATISTICS)

CONFIGURATION INTERACTION

GS PARTICLE INTERACTIONS
CONFIGURATION INTERACTION
SCATTERING
ELECTRON SCATTERING
CONFIGURATION INTERACTION
INTERACTIONS
INTERMOLECULAR FORCES
MOLECULAR INTERACTIONS
MOLECULAR STRUCTURE
STRUCTURES

CONFIGURATION MANAGEMENT

GS MANAGEMENT
CONFIGURATION MANAGEMENT
CONFIGURATIONS

CONFIGURATIONS

SN *(USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)*
RT AERODYNAMIC CONFIGURATIONS
BODY-WING AND TAIL CONFIGURATIONS
CANARD CONFIGURATIONS
CONFIGURATION MANAGEMENT
LAUNCH VEHICLE CONFIGURATIONS
MISSILE CONFIGURATIONS
PROPULSION SYSTEM CONFIGURATIONS
SPACECRAFT CONFIGURATIONS
STAGGERING
TORPEDOES

CONFINEMENT

RT ASTRONAUT PERFORMANCE
CONTAINMENT
ISOLATION
MAGNETIC COMPRESSION
NUCLEAR REACTOR CONTROL
PLASMA CONTROL
PLASMA EQUILIBRIUM
SENSORY DEPRIVATION

CONFINING

RT ASTRONAUT PERFORMANCE
DEPRIVATION
ISOLATION
SENSORY DEPRIVATION

CONFIRMATION

USE PROVING

CONFLUENCE

USE CONVERGENCE

CONFORMAL MAPPING

UF CONFORMAL TRANSFORMATIONS
ANALYSIS (MATHEMATICS)
GS COMPLEX VARIABLES
CONFORMAL MAPPING
FUNCTIONS (MATHEMATICS)
CONFORMAL MAPPING
RT COORDINATE TRANSFORMATIONS
EULER-CAUCHY EQUATIONS
GRAPHS (CHARTS)
INVARIANT IMBEDDINGS
ISOPARAMETRIC FINITE ELEMENTS
JACOBI INTEGRAL
LAMBERT SURFACE
LIGHTHILL METHOD
SCHWARZ-CHRISTOFFEL
TRANSFORMATION
THEODORSEN TRANSFORMATION

CONFORMAL TRANSFORMATIONS

USE CONFORMAL MAPPING

CONFUSION

RT ENTRAPMENT
TANGLING

CONGENERERS

GS ANATOMY
MUSCULOSKELETAL SYSTEM
CONNECTIVE TISSUE
CONGENERERS
RT MUSCLES

CONGENITAL ANOMALIES

UF CONGENITAL CONDITIONS
RT CHROMOSOMES
GENETICS
HEREDITY
RHESUS FACTOR

CONGENITAL CONDITIONS

USE CONGENITAL ANOMALIES

CONGESTION

GS CIRCULATION
CONGESTION
RT ISCHEMIA
PNEUMONIA
RESPIRATORY DISEASES
VASODILATION

CONGO (BRAZZAVILLE)

UF BRAZZAVILLE
FRENCH EQUATORIAL CONGO
RT AFRICA
NATIONS

CONGO (KINSHASA)

USE ZAIRE

CONGRESSIONAL REPORTS

GS REPORTS
CONGRESSIONAL REPORTS
RT DOCUMENTS
PRESIDENTIAL REPORTS
PROCEEDINGS

CONGRUENCES

GS NUMBER THEORY
CONGRUENCES
RT COHERENCE
COLLOCATION
DIVIDING (MATHEMATICS)
GEOMETRY
IDENTITIES
INTEGERS
SYMMETRY

CONICAL BODIES

UF CONOIDS
GS CONES
CONICAL BODIES
SLENDER CONES
SYMMETRICAL BODIES
BODIES OF REVOLUTION
CONICAL BODIES
SLENDER CONES
RT AFTERBODIES
AXISYMMETRIC BODIES

CONICAL CAMBER

GS CAMBER
CONICAL CAMBER
RT WING CAMBER

CONICAL FLARE

USE CONES

CONICAL FLOW

GS FLUID FLOW
CONICAL FLOW
RT AXISYMMETRIC FLOW
BAFFLES
DIFFUSERS
MULTIPHASE FLOW
SEPARATED FLOW
THREE DIMENSIONAL FLOW
WALL FLOW
WEDGE FLOW

CONICAL INLETS

GS INTAKE SYSTEMS
CONICAL INLETS

NASA THESAURUS (VOLUME 1)

CONICAL INLETS-(CONT.)

RT AIR INTAKES
CONICAL NOZZLES
FUNNELS

CONICAL NOZZLES

RT ANNULAR NOZZLES
CONICAL INLETS
CONVERGENT NOZZLES
CONVERGENT-DIVERGENT NOZZLES
DIVERGENT NOZZLES
EXHAUST DIFFUSERS
EXHAUST NOZZLES
HYPERSONIC NOZZLES
INLET NOZZLES
JET NOZZLES
NOZZLE GEOMETRY
NOZZLE INSERTS
NOZZLE WALLS
NOZZLES
PLUG NOZZLES
ROCKET NOZZLES
SKIRTS
SONIC NOZZLES
SPIKE NOZZLES
SPRAY NOZZLES
SUPERSONIC NOZZLES
TRANSONIC NOZZLES
TURBINE EXHAUST NOZZLES
WIND TUNNEL NOZZLES

CONICAL SCANNING

GS SCANNING
CONICAL SCANNING
RT EXAMINATION
FIELD OF VIEW
MONITORS
PANORAMIC SCANNING
RADAR SCANNING
READERS
READING
SCANNERS
SEARCHING
SURVEILLANCE

CONICAL SHELLS

GS SHELLS (STRUCTURAL FORMS)
CONICAL SHELLS
RT CONES

CONICS

GS GEOMETRY
EUCLIDEAN GEOMETRY
ANALYTIC GEOMETRY
CONICS
ELLIPSES
HYPERBOLAS
PARABOLAS
RT CONES
HALF CONES
LOCI

CONIFERS

GS PLANTS (BOTANY)
TREES (PLANTS)
CONIFERS
RT DECIDUOUS TREES
FORESTS
TIMBER IDENTIFICATION
TREES

CONJUGATE POINTS

GS ANALYSIS (MATHEMATICS)
COMPLEX VARIABLES
CONJUGATES
CONJUGATE POINTS
RT LINES OF FORCE
MAGNETIC FIELDS

CONJUGATED CIRCUITS

GS CIRCUITS
CONJUGATED CIRCUITS

CONJUGATES

GS ANALYSIS (MATHEMATICS)
COMPLEX VARIABLES
CONJUGATES
CONJUGATE POINTS
RT CHOLESKY FACTORIZATION
CONJUGATION
FINITE ELEMENT METHOD

CONJUGATION

GS CONJUGATION

CONJUGATION-(CONT.)

RT PHASE CONJUGATION
CONJUGATES

CONJUNCTION

SN *(USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)*

RT BOOLEAN ALGEBRA
OCCULTATION
ORBITS
PROBABILITY THEORY
SET THEORY

CONJUNCTIVA

GS ANATOMY
. SENSE ORGANS
. EYE (ANATOMY)
. . . **CONJUNCTIVA**
MEMBRANES
. **CONJUNCTIVA**
RT CONJUNCTIVITIS
KERATITIS
VISION

CONJUNCTIVITIS

GS DISEASES
. EYE DISEASES
. . . **CONJUNCTIVITIS**
. INFECTIOUS DISEASES
. . . **CONJUNCTIVITIS**
RT CONJUNCTIVA

CONNECTICUT

GS UNITED STATES OF AMERICA
. **CONNECTICUT**
RT NEW HAVEN (CT)

CONNECTIONS

USE JOINTS (JUNCTIONS)

CONNECTIVE TISSUE

GS ANATOMY
. MUSCULOSKELETAL SYSTEM
. . . **CONNECTIVE TISSUE**
. . . CARTILAGE
. . . COLLAGENS
. . . CONGENERS
. . . MARROW
RT ADIPOSE TISSUES
BONES
EXOSKELETONS
JOINTS (ANATOMY)
LIGAMENTS
TENDONS

CONNECTORS

GS **CONNECTORS**
. ELECTRIC CONNECTORS
. UMBILICAL CONNECTORS
. UNIONS (CONNECTORS)
RT ADAPTERS
CORDAGE
COUPLINGS
DISCONNECT DEVICES
FASTENERS
FITTINGS
FLANGES
FLAT CONDUCTORS
JOINTS (JUNCTIONS)
JUMPERS
JUNCTIONS
LINKAGES
SLEEVES
TERMINALS
YOKES

CONNECTORS (ELECTRIC)

USE ELECTRIC CONNECTORS

CONOIDS

USE CONICAL BODIES

CONSCIOUSNESS

GS PERCEPTION
. SENSORY PERCEPTION
. . . **CONSCIOUSNESS**
RT ATTENTION
MENTAL PERFORMANCE
RECOGNITION
SLEEP DEPRIVATION

CONSECUTIVE EVENTS

GS EVENTS

CONSECUTIVE EVENTS-(CONT.)

RT **CONSECUTIVE EVENTS**
INTERVALS
PETRI NETS
PROBABILITY THEORY
SCHEDULING
SEQUENCING
SEQUENTIAL CONTROL
TIME MEASUREMENT

CONSERVATION

GS **CONSERVATION**
. ENERGY CONSERVATION
RT AGRICULTURE
DEFORESTATION
DROUGHT
ENERGY POLICY
ENVIRONMENT MANAGEMENT
FIREBREAKS
FOREST MANAGEMENT
FORESTS
HABITATS
LAND USE
NEWTON SECOND LAW
NONCONSERVATIVE FORCES
PARITY
POTABLE WATER
REGIONAL PLANNING
RURAL LAND USE
SOIL SCIENCE
SOILS
WATER MANAGEMENT
WATER RECLAMATION

CONSERVATION EQUATIONS

RT CONTINUITY EQUATION
EQUATIONS
NONCONSERVATIVE FORCES
VORTICITY TRANSPORT HYPOTHESIS

CONSERVATION LAWS

GS LAWS
. **CONSERVATION LAWS**
RT MOMENTUM THEORY
NEWTON THEORY
NONCONSERVATIVE FORCES

CONSISTENCY

RT ABILITIES
ACCURACY
COMPUTER SYSTEMS PERFORMANCE
EFFORT
ERRORS
LEVELING
LINEARITY
MEASUREMENT
PERFORMANCE
PRECISION
QUALITY
RATINGS
RELIABILITY
TOLERANCES (MECHANICS)
VALIDITY
VARIABILITY

CONSOLES

GS PERIPHERAL EQUIPMENT (COMPUTERS)
. **CONSOLES**
. . . REMOTE CONSOLES
RT AUTOMATIC TYPEWRITERS
COMPUTER COMPONENTS
CONTROL BOARDS
DATA PROCESSING TERMINALS
DISPLAY DEVICES
EQUIPMENT
HEAD-UP DISPLAYS
MAN MACHINE SYSTEMS
MANUAL CONTROL

CONSOLIDATION

RT COMBINATION
DENSIFICATION
OVERCONSOLIDATION
STABILIZATION

CONSONANTS (SPEECH)

RT SPEECH
VOWELS
WORDS (LANGUAGE)

CONSTANT

SN *(USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)*
RT COEFFICIENTS

CONSTANT-(CONT.)

CONSTANTS
INVARIANCE
TIME CONSTANT

CONSTANT SPEED PROPELLERS

USE VARIABLE PITCH PROPELLERS

CONSTANT VOLUME BALLOONS

USE SUPERPRESSURE BALLOONS

CONSTANTAN

GS ALLOYS
. **CONSTANTAN**
RT COPPER
NICKEL
THERMOCOUPLES

CONSTANTS

GS **CONSTANTS**
. BOHR MAGNETON
. GRAVITATIONAL CONSTANT
. GRUNEISEN CONSTANT
. HUBBLE CONSTANT
. PLANCKS CONSTANT
. SOLAR CONSTANT
. TIME CONSTANT
. . . PERCEPTUAL TIME CONSTANT
RT COEFFICIENTS
CONSTANT

CONSTELLATIONS

GS **CONSTELLATIONS**
. ANDROMEDA CONSTELLATION
. ARIES CONSTELLATION
. AURIGA CONSTELLATION
. CASSIOPEIA CONSTELLATION
. CENTAURUS CONSTELLATION
. CEPHEUS CONSTELLATION
. CORONA BOREALIS CONSTELLATION
. CYGNUS CONSTELLATION
. LYRAE CONSTELLATION
. ORION CONSTELLATION
. SAGITTARIUS CONSTELLATION
. SCORPIUS CONSTELLATION
. SCUTUM CONSTELLATION
. TAURUS CONSTELLATION
RT ASTROLOGY
CELESTIAL SPHERE
PLANISPHERES
STARS
ZODIAC

CONSTITUTION

RT ATOMIC STRUCTURE
GOVERNMENTS
LAW (JURISPRUDENCE)

CONSTITUTIONAL DIAGRAMS

USE PHASE DIAGRAMS

CONSTITUTIVE EQUATIONS

RT ELECTRIC FIELDS
EQUATIONS
MAGNETIC CHARGE DENSITY
MAGNETIC FIELDS
MAGNETIC FLUX

CONSTRAINTS

UF HINDERANCE
LIMITATIONS
RESTRAINTS
GS **CONSTRAINTS**
. METEOROLOGICAL PARAMETERS
RT BLOCKING
CONSTRICTIONS
DYNAMIC PROGRAMMING
HOLDING
LINEAR PROGRAMMING
NONLINEAR PROGRAMMING
OPERATIONS RESEARCH
OPTIMIZATION
PENALTY FUNCTION
RANGE (EXTREMES)
RETAINING

CONSTRICTIONS

UF RESTRICTIONS
RT BARRIERS
BLOCKING
CHOKES (RESTRICTIONS)
CLOSURES
CONSTRAINTS
CONTRACTS

CONSTRUCTORS

CONSTRUCTIONS-(CONT.)

IMPEDANCE
PLUGGING
∞ RESISTANCE
RETARDERS (DEVICES)
SEALS (STOPPERS)
STOPPING

CONSTRUCTORS

GS ANATOMY
. MUSCULOSKELETAL SYSTEM
. . CONSTRUCTORS

CONSTRUCTION

SN (EXCLUDES TYPES OF STRUCTURES)
UF ERECTION
RT ARCHITECTURE
ASSEMBLING
BRIDGES (STRUCTURES)
∞ BUILDINGS
CAISSONS
CONCRETE STRUCTURES
∞ CONSTRUCTION MATERIALS
CONTRACTORS
CONTRACTS
∞ DESIGN
EXCAVATION
FABRICATION
HIGHWAYS
INSPECTION
INSTALLING
LAYOUTS
MAINTENANCE
MASONRY
QUALITY CONTROL
RECONSTRUCTION
RIGGING
SHIPYARDS
SPACE MANUFACTURING
STARSITE PROGRAM
STEEL STRUCTURES
STRESS ANALYSIS
STRUCTURAL ANALYSIS
STRUCTURAL DESIGN
STRUCTURAL ENGINEERING
STRUCTURAL MEMBERS
SURVEYS
TUNNELING (EXCAVATION)
WELDING

CONSTRUCTION IN SPACE

USE ORBITAL ASSEMBLY

CONSTRUCTION INDUSTRY

GS INDUSTRIES
. CONSTRUCTION INDUSTRY
RT BRIDGES (STRUCTURES)
∞ BUILDINGS
CONTRACTORS
INDUSTRIAL AREAS
INDUSTRIAL PLANTS
TOWERS
TRUSSES

∞ CONSTRUCTION MATERIALS

SN (USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)
UF BUILDING MATERIALS
STRUCTURAL MATERIALS
RT AGGREGATES
AIRCRAFT CONSTRUCTION MATERIALS
AIRCRAFT SURVIVABILITY
AIRFRAME MATERIALS
ARCHITECTURE
BITUMENS
BOARDS (PAPER)
BRICKS
CEMENTS
COMPOSITE MATERIALS
CONCRETES
CONSTRUCTION
GRAPHITE-EPOXY COMPOSITES
GROUT
INSULATION
LATHES
MASONITE (TRADEMARK)
MASONRY
PANELS
PLASTICS
POLYMER MATRIX COMPOSITES
PROTECTIVE COATINGS
REACTOR MATERIALS
SKIN (STRUCTURAL MEMBER)

CONSTRUCTION MATERIALS-(CONT.)

SPACECRAFT CONSTRUCTION
MATERIALS
STRUCTURAL MEMBERS

CONSULTING

RT CONFERENCES
MANAGEMENT PLANNING
PERSONNEL
RESOURCES

CONSUMABLES (SPACECRAFT)

GS CONSUMABLES (SPACECRAFT)
. CONSUMABLES (SPACECREW SUPPLIES)
. . DEHYDRATED FOOD
. . SOAPS
. . SPACE RATIONS
. PROPELLANT STORAGE
. SPACE LOGISTICS
. STORABLE PROPELLANTS
. WORKING FLUIDS
RT LOGISTICS

CONSUMABLES (SPACECREW SUPPLIES)

GS CONSUMABLES (SPACECRAFT)
. CONSUMABLES (SPACECREW SUPPLIES)
. . DEHYDRATED FOOD
. . SOAPS
. . SPACE RATIONS
RT CLOTHING
∞ FOOD
HYGIENE
PROVISIONING
SANITATION
SPACE FLIGHT FEEDING
SPACE LOGISTICS
SURVIVAL EQUIPMENT

CONSUMERS

RT CONSUMPTION
MARKET RESEARCH
MARKETING
PRODUCT DEVELOPMENT

CONSUMPTION

GS CONSUMPTION
. ENERGY CONSUMPTION
. FUEL CONSUMPTION
. OXYGEN CONSUMPTION
. WATER CONSUMPTION
RT COMMERCE
CONSUMERS
DEMAND (ECONOMICS)
DEPLETION
EXHAUSTING
EXHAUSTION
SUPPLYING
UTILIZATION

CONTACT DERMATITIS

GS DISEASES
. INFECTIOUS DISEASES
. DERMATITIS
. . CONTACT DERMATITIS
RT ALLERGIC DISEASES
DERMATOLOGY
EPIDERMIS
ITCHING
PATCH TESTS
SKIN (ANATOMY)

CONTACT LENSES

GS LENSES
. CONTACT LENSES
RT EYEPIECES
RETICLES

CONTACT POTENTIALS

GS POTENTIAL ENERGY
. ELECTRIC POTENTIAL
. . CONTACT POTENTIALS
RT ELECTRIC CONTACTS
SURFACE PROPERTIES

CONTACT RESISTANCE

GS IMPEDANCE
. ELECTRICAL IMPEDANCE
. . ELECTRICAL RESISTANCE
. . . CONTACT RESISTANCE
RT ELECTRIC CONTACTS
NONOHMIC EFFECT
∞ RESISTANCE

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CONTACT RESISTANCE-(CONT.)

SURFACE PROPERTIES

CONTACTORS

SN (EXCLUDES ELECTRIC SWITCHES)
RT CARBURETORS
CHEMICAL REACTORS
COLUMNS (PROCESS ENGINEERING)
ELECTRIC SWITCHES
MIXERS
SPRAYERS

CONTACTS (ELECTRIC)

USE ELECTRIC CONTACTS

CONTACTS (GEOLOGY)

RT FORMATIONS
GEOLOGY
METAMORPHISM (GEOLOGY)
MINERAL DEPOSITS
ROCK INTRUSIONS
ROCKS

CONTAINERLESS MELTS

GS MELTS (CRYSTAL GROWTH)
. CONTAINERLESS MELTS
RT CRYSTAL GROWTH
CRYSTALLIZATION
CRYSTALS
DIRECTIONAL SOLIDIFICATION
(CRYSTALS)
LOW GRAVITY MANUFACTURING
MANUFACTURING
MELTING
ORBITAL WORKSHOPS
SPACE PROCESSING
WEIGHTLESSNESS

∞ CONTAINERS

SN (USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)
UF RECEPTACLES (CONTAINERS)
RT AMPOULES
AUTOCLAVES
BAGS
BARRELS (CONTAINERS)
BASKETS
BIOPAKS
BOTTLES
BOXES (CONTAINERS)
BUNDLES
CANS
∞ CAPSULES
CARTRIDGES
CASES (CONTAINERS)
CRUCIBLES
DISPOSAL
DRUMS (CONTAINERS)
ENCLOSURES
FUEL TANKS
GLASSWARE
HOPPERS
HOUSINGS
MATERIALS HANDLING
MICROMODULES
PACKAGES
PACKAGING
PRESERVING
PRESSURE VESSELS
PROTECTORS
REELS
SPOOLS
SPRAYERS
TANKS (CONTAINERS)
TRANSPORTER
TRAYS
WING TANKS

CONTAINMENT

RT ASTEROID CAPTURE
BLOCKING
CONFINEMENT
RETAINING
SEALING
STOPPING

CONTAMINANTS

UF NOXIOUS MATERIALS
POLLUTANTS
GS CONTAMINANTS
. RADIOACTIVE CONTAMINANTS
. TRACE CONTAMINANTS
RT CONTAMINATION
DECONTAMINATION

CONTAMINANTS-(CONT.)

DILUENTS
DIRT
DUST
EFFLUENTS
ENVIRONMENT EFFECTS
ENVIRONMENTAL QUALITY
FUEL CONTAMINATION
IMPURITIES
NONPOINT SOURCES
POLLUTION
PURITY
QUALITY
WASTES
WATER TREATMENT

CONTAMINATION

GS **CONTAMINATION**
. FUEL CONTAMINATION
. SPACECRAFT CONTAMINATION
RT AIR POLLUTION
ANTIFOULING
ANTIINFECTIVES AND ANTIBACTERIALS
CONTAMINANTS
DECONTAMINATION
ENVIRONMENT EFFECTS
FOULING
INTRUSION
MOLECULAR SHIELDS
NONPOINT SOURCES
POLLUTION
PURITY
RADIOACTIVE WASTES
WATER POLLUTION

CONTENT

GS **CONTENT**
. BONE MINERAL CONTENT
RT ∞ COMPONENTS
 ∞ COMPOSITION
INGREDIENTS

CONTEXT

RT NATURAL LANGUAGE (COMPUTERS)
PATTERN RECOGNITION

CONTEXT FREE LANGUAGES

GS LANGUAGES
. PROGRAMMING LANGUAGES
. **CONTEXT FREE LANGUAGES**
RT COMPUTER PROGRAMMING
SYMBOLIC PROGRAMMING

CONTINENTAL DRIFT

RT CONTINENTS
EARTH CRUST
EARTH PLANETARY STRUCTURE
GEOMAGNETISM
GEOPHYSICS
PALEOMAGNETISM

CONTINENTAL SHELVES

RT GEOLOGY
OCEAN BOTTOM
SEAMOUNTS
 ∞ SHELVES

CONTINENTS

GS **CONTINENTS**
. AFRICA
. ASIA
. AUSTRALIA
. EUROPE
. NORTH AMERICA
. SOUTH AMERICA
RT ANTARCTIC REGIONS
CENTRAL EUROPE
CONTINENTAL DRIFT
CRATONS
GEOGRAPHY
MOUNTAINS
TRANSCONTINENTAL SYSTEMS

CONTINGENCY

RT CONFIDENCE LIMITS
CORRELATION
ESTIMATES
EXPECTATION
MATERIALS HANDLING
PREDICTIONS
RESERVES
RISK

CONTINUITY

RT CONTINUITY (MATHEMATICS)
COORDINATION
SCHEDULING
TOPOLOGY
VARIABILITY

CONTINUITY (MATHEMATICS)

GS ANALYSIS (MATHEMATICS)
. CALCULUS
. **CONTINUITY (MATHEMATICS)**
RT CONTINUITY
FUNCTIONS (MATHEMATICS)
ISOPERIMETRIC PROBLEM
NORMAL DENSITY FUNCTIONS
POISSON DENSITY FUNCTIONS
PROBABILITY DENSITY FUNCTIONS
STATISTICAL ANALYSIS
SYMMETRY
TOPOLOGY

CONTINUITY EQUATION

RT CONSERVATION EQUATIONS
CONTINUUM MECHANICS
CROCCO-LEE THEORY
 ∞ EQUATIONS
EQUATIONS OF MOTION
EQUATIONS OF STATE
FLUID DYNAMICS
NONCONSERVATIVE FORCES
STEADY FLOW

CONTINUOUS NOISE

RT ∞ NOISE
NOISE PROPAGATION
SOUND GENERATORS

CONTINUOUS RADIATION

UF CONTINUOUS WAVES
GS **CONTINUOUS RADIATION**
. MODULATED CONTINUOUS RADIATION
RT ABSORPTION SPECTRA
BACKGROUND RADIATION
COHERENT RADIATION
CORPUSCULAR RADIATION
ELASTIC WAVES
ELECTROMAGNETIC RADIATION
EMISSION SPECTRA
PULSED RADIATION
 ∞ RADIATION
 ∞ RAYS

CONTINUOUS SPECTRA

GS SPECTRA
. **CONTINUOUS SPECTRA**
RT ASTRONOMICAL SPECTROSCOPY
SOLAR SPECTRA
SPECTRAL EMISSION
STELLAR SPECTRA

CONTINUOUS WAVE LASERS

GS STIMULATED EMISSION DEVICES
. LASERS
. **CONTINUOUS WAVE LASERS**
RT ARGON LASERS
CARBON DIOXIDE LASERS
CARBON MONOXIDE LASERS
LASER STABILITY
SOLID STATE LASERS

CONTINUOUS WAVE RADAR

UF CW RADAR
GS RADAR
. **CONTINUOUS WAVE RADAR**
RT COHERENT RADAR
DOPPLER RADAR
PULSE RADAR
RADAR DETECTION
RADAR RANGE
SEARCH RADAR
SURVEILLANCE RADAR
TRACKING RADAR

CONTINUOUS WAVES

USE CONTINUOUS RADIATION

CONTINUUM FLOW

GS FLUID FLOW
. GAS FLOW
. **CONTINUUM FLOW**
RT FREE MOLECULAR FLOW
MOLECULAR FLOW
RAREFIED GAS DYNAMICS
SLIP FLOW

CONTINUUM MECHANICS

RT BURGER EQUATION
CLASSICAL MECHANICS
CONTINUITY EQUATION
 ∞ DYNAMICS
FLOW THEORY
FLUID MECHANICS
MAXWELL BODIES
 ∞ MECHANICS (PHYSICS)
MULTIPOLAR FIELDS
STATISTICAL MECHANICS
STRESS TENSORS

CONTINUUMS

RT PROBABILITY THEORY
REAL VARIABLES
RELATIVITY
TOPOLOGY

CONTOUR SENSORS

RT BOUNDARIES
CONCAVITY
CONTOURS
CONVEXITY
IMAGERY
IMAGES
 ∞ SENSORS
SHAPES
TOPOGRAPHY

CONTOURS

UF CURVED SURFACES
RT CONCAVITY
CONTOUR SENSORS
CONVEXITY
CURVED PANELS
DATUM (ELEVATION)
ELEVATION
FLATNESS
GEOMORPHOLOGY
HYPSOGRAPHY
MAPPING
ROUGHNESS
SHAPES
TOPOGRAPHY

CONTRACT INCENTIVES

GS INCENTIVES
. **CONTRACT INCENTIVES**
MOTIVATION
. **CONTRACT INCENTIVES**

CONTRACT MANAGEMENT

GS MANAGEMENT
. **CONTRACT MANAGEMENT**
RT CONTRACTS
DECISION MAKING
DECISIONS
PERT
PROJECT MANAGEMENT
SCHEDULES
SUBCONTRACTS
SYSTEMS ENGINEERING

CONTRACT NEGOTIATION

RT CONTRACTORS
CONTRACTS
DECISION MAKING
GOVERNMENT/INDUSTRY RELATIONS
INDUSTRIES
MANAGEMENT
MANUFACTURING
SUBCONTRACTS

CONTRACTION

RT COOLING
 ∞ REDUCTION
SHRINKAGE
SPASMS

CONTRACTORS

RT CHEMICAL REACTORS
COLUMNS (PROCESS ENGINEERING)
CONSTRUCTION
CONSTRUCTION INDUSTRY
CONTRACT NEGOTIATION
CONTRACTS
GOVERNMENT/INDUSTRY RELATIONS
INDUSTRIES
QUALIFICATIONS
SUBCONTRACTS
TRANSPORTATION

CONTRACTS

CONTRACTS

GS **CONTRACTS**
 . SUBCONTRACTS
 RT AGREEMENTS
 CANCELLATION
 CONSTRUCTIONS
 CONSTRUCTION
 CONTRACT MANAGEMENT
 CONTRACT NEGOTIATION
 CONTRACTORS
 ESTIMATES
 ESTIMATING
 EXTENSIONS
 FEDERAL BUDGETS
 GOVERNMENT PROCUREMENT
 GOVERNMENT/INDUSTRY RELATIONS
 GRANTS
 LEASING
 LEGAL LIABILITY
 OPTIONS
 PROCUREMENT
 PROJECTS
 REVISIONS
 SUPPLEMENTS

CONTRACTS

UF CONDENSATION TRAILS
 VAPOR TRAILS
 RT CONDENSATES
 WAKES

CONTRALATERAL FUNCTIONS

RT ∞ FUNCTIONS

CONTRAROTATING PROPELLERS

GS PROPELLERS
 . CONTRAROTATING PROPELLERS
 RT PROPELLER DRIVE
 PROPELLER EFFICIENCY
 TURBOPROP ENGINES

CONTRAST

GS **CONTRAST**
 . IMAGE CONTRAST
 . PHASE CONTRAST
 RT CHARACTER RECOGNITION
 COLOR
 LEGIBILITY
 PERCEPTION
 PRINTING
 RESOLUTION
 ∞ SHARPNESS
 VISIBILITY
 VISION

∞ CONTROL

SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED—CONSULT THE TERMS LISTED BELOW)*
 UF CONTROL SYSTEMS
 CONTROLLED STABILITY
 REGULATION
 RT ACTIVE CONTROL
 ADAPTIVE CONTROL
 AIR NAVIGATION
 AIRCRAFT CONTROL
 ASTRIONICS
 ATTITUDE CONTROL
 AUTOMATIC CONTROL
 AUTOMATIC FLIGHT CONTROL
 AVIONICS
 BOUNDARY LAYER CONTROL
 CHEMICAL REACTION CONTROL
 COMBUSTION CONTROL
 COMMAND AND CONTROL
 CONTROL STICKS
 CONTROL THEORY
 CONTROLLABILITY
 CONTROLLERS
 CRITICAL PATH METHOD
 CYBERNETICS
 DIRECT LIFT CONTROLS
 DIRECTIONAL CONTROL
 DYNAMIC CHARACTERISTICS
 DYNAMIC CONTROL
 ELECTRIC CONTROL
 ELECTRONIC CONTROL
 ENGINE CONTROL
 ENVIRONMENTAL CONTROL
 FEEDBACK CONTROL
 FIRE CONTROL
 FLIGHT CONTROL
 FLUIDICS
 FREQUENCY CONTROL
 FUEL CONTROL

CONTROL-(CONT.)

GROUND BASED CONTROL
 HELICOPTER CONTROL
 HYDRAULIC CONTROL
 INVENTORY CONTROLS
 JET CONTROL
 LATERAL CONTROL
 LONGITUDINAL CONTROL
 MAGNETIC CONTROL
 MANUAL CONTROL
 MISSILE CONTROL
 NUCLEAR REACTOR CONTROL
 NUMERICAL CONTROL
 OPTIMAL CONTROL
 PHASE CONTROL
 PLASMA CONTROL
 PNEUMATIC CONTROL
 POINTING CONTROL SYSTEMS
 QUALITY CONTROL
 REGULATIONS
 REGULATORS
 REMOTE CONTROL
 ROCKET ENGINE CONTROL
 SATELLITE CONTROL
 SCHEDULING
 SELF ADAPTIVE CONTROL SYSTEMS
 SERVOCONTROL
 SERVOMECHANISMS
 SHOCK WAVE CONTROL
 SPACECRAFT CONTROL
 SPECTRAL SHIFT CONTROL
 SPEED CONTROL
 STABILIZATION
 STEERING
 SYSTEMS ENGINEERING
 TEMPERATURE CONTROL
 THRUST CONTROL
 TRAFFIC CONTROL
 TRAJECTORY CONTROL
 VISUAL CONTROL

CONTROL BOARDS

UF CONTROL PANELS
 RT CONSOLES
 DISPLAY DEVICES
 MANUAL CONTROL
 REMOTE CONTROL

CONTROL CONFIGURED VEHICLES

RT AIRCRAFT CONFIGURATIONS
 AIRCRAFT DESIGN
 FLIGHT CONTROL
 TECHNOLOGY UTILIZATION

CONTROL DATA (COMPUTERS)

RT COMPUTERS
 ∞ DATA
 DATA SYSTEMS

CONTROL DEVICES

USE CONTROL EQUIPMENT

CONTROL EQUIPMENT

UF CONTROL DEVICES
 EFFECTORS
 GS **CONTROL EQUIPMENT**
 . CONTROL STICKS
 . CRYOSTATS
 . PRESSURE REGULATORS
 . PRESSURE SWITCHES
 . SERVOAMPLIFIERS
 . SPEED REGULATORS
 . TELEOPERATORS
 . THERMOSTATS
 RT AIRCRAFT CONTROL
 AUTOMATIC CONTROL
 ELECTRIC CONTROL
 ELECTRONIC CONTROL
 FEEDBACK CONTROL
 MANIPULATORS
 MANUAL CONTROL
 NONLINEAR SYSTEMS
 OFF-ON CONTROL
 PNEUMATIC CONTROL
 PROPORTIONAL CONTROL
 RECORDING INSTRUMENTS
 SPEED CONTROL
 TRANSDUCERS

CONTROL MOMENT GYROSCOPES

GS GYROSCOPES
 . **CONTROL MOMENT GYROSCOPES**
 RT ATTITUDE CONTROL
 ATTITUDE GYROS
 ATTITUDE INDICATORS

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CONTROL MOMENT GYROSCOPES-(CONT.)

EQUATIONS OF MOTION
 GIMBALS
 GYRODAMPERS
 INDICATING INSTRUMENTS
 MEASURING INSTRUMENTS
 NUTATION DAMPERS
 SERVOCONTROL
 SERVOMECHANISMS

CONTROL PANELS

USE CONTROL BOARDS

CONTROL ROCKETS

UF STEERING ROCKETS
 GS ENGINES
 . TORPEDO ENGINES
 . . VERNIER ENGINES
 . . **CONTROL ROCKETS**
 RT RETROCKET ENGINES
 STEERING
 THRUST CONTROL
 VARIABLE THRUST

CONTROL RODS

GS RODS
 . **CONTROL RODS**
 RT NEUTRON ABSORBERS
 NUCLEAR REACTOR CONTROL
 NUCLEAR REACTORS
 POISONING (REACTION INHIBITION)
 REACTOR CORES
 REACTOR SAFETY

CONTROL SIMULATION

GS SIMULATION
 . **CONTROL SIMULATION**
 SIMULATORS
 . **CONTROL SIMULATION**
 RT AIRCRAFT CONTROL
 COMPUTERIZED SIMULATION
 FLIGHT SIMULATION
 FLIGHT SIMULATORS
 MOTION SIMULATORS
 SPACECRAFT CONTROL
 SPACECRAFT MANEUVERS
 TRAINING SIMULATORS

CONTROL STABILITY

GS DYNAMIC CHARACTERISTICS
 . DYNAMIC STABILITY
 . **CONTROL STABILITY**
 STABILITY
 . DYNAMIC STABILITY
 . **CONTROL STABILITY**
 RT AIRCRAFT CONTROL
 AIRCRAFT SPIN
 AIRCRAFT STABILITY
 CONTROLLABILITY
 FLIGHT CONTROL
 MOTION STABILITY
 NYQUIST DIAGRAM
 ROBUSTNESS (MATHEMATICS)
 SPACECRAFT MOTION
 SPACECRAFT STABILITY
 STABILITY AUGMENTATION
 SYSTEMS STABILITY

CONTROL STICKS

GS CONTROL EQUIPMENT
 . **CONTROL STICKS**
 RT AIRCRAFT CONTROL
 FLIGHT CONTROL
 MANUAL CONTROL

CONTROL SURFACES

GS **CONTROL SURFACES**
 . AILERONS
 . SPOILER SLOT AILERONS
 . ELEVATORS (CONTROL SURFACES)
 . ELEVONS
 . FLAPS (CONTROL SURFACES)
 . . EXTERNALLY BLOWN FLAPS
 . . UPPER SURFACE BLOWN FLAPS
 . . JET FLAPS
 . . SPLIT FLAPS
 . . WING FLAPS
 . . LEADING EDGE FLAPS
 . . LEADING EDGE SLATS
 . . TRAILING-EDGE FLAPS
 . GUIDE VANES
 . . JET VANES
 . HORIZONTAL TAIL SURFACES
 . RUDDERS
 . . AERIAL RUDDERS

CONTROL SURFACES-(CONT.)

. . MARINE RUDDERS
 . . SPOILERS
 . . TABS (CONTROL SURFACES)
 RT AERODYNAMIC BRAKES
 AERODYNAMIC CONFIGURATIONS
 AERODYNAMIC INTERFERENCE
 AERODYNAMICS
 AIRCRAFT PARTS
 AIRCRAFT STRUCTURES
 AIRFOILS
 AIRFRAMES
 BLUNT TRAILING EDGES
 BOUNDARY LAYER CONTROL
 CANARD CONFIGURATIONS
 DRAG DEVICES
 FINS
 FIRES
 FLIGHT CONTROL
 FREE WING AIRCRAFT
 GUIDANCE (MOTION)
 NOSE FINS
 STABILIZERS (FLUID DYNAMICS)
 ∞ SURFACES
 SWEEPBACK TAIL SURFACES
 T TAIL SURFACES
 TAIL ASSEMBLIES
 TAIL SURFACES
 TRAPEZOIDAL TAIL SURFACES
 UPPER SURFACE BLOWN FLAPS
 VANES
 VORTEX FLAPS
 WINGS

CONTROL SYSTEMS

USE CONTROL

CONTROL THEORY

RT ADAPTIVE CONTROL
 CLOSED CYCLES
 CONTROL SIMULATION
 CONTROLLABILITY
 DISTRIBUTED PARAMETER SYSTEMS
 DYNAMIC CONTROL
 FEEDBACK
 FEEDBACK CONTROL
 FEEDFORWARD CONTROL
 INTERACTIVE CONTROL
 OBSERVABILITY (SYSTEMS)
 OFF-ON CONTROL
 OPTIMAL CONTROL
 ROBUSTNESS (MATHEMATICS)
 SERVOCONTROL
 SHAPE CONTROL
 ∞ THEORIES
 TRACKING PROBLEM

CONTROL UNITS (COMPUTERS)

RT CENTRAL PROCESSING UNITS
 COMPUTER COMPONENTS
 COMPUTERS
 DATA PROCESSING EQUIPMENT

CONTROL VALVES

GS VALVES
 . . **CONTROL VALVES**
 RT ACTUATORS
 PNEUMATIC CONTROL

CONTROLLABILITY

UF HANDLING QUALITIES
 RT AIRCRAFT CONTROL
 AIRCRAFT LANDING
 AIRCRAFT PERFORMANCE
 AIRCRAFT SPECIFICATIONS
 AIRCRAFT SPIN
 AIRCRAFT STABILITY
 ∞ CONTROL
 CONTROL STABILITY
 CONTROL THEORY
 DIRECTIONAL STABILITY
 FLIGHT CHARACTERISTICS
 HELICOPTER CONTROL
 HELICOPTER PERFORMANCE
 LIQUID SLOSHING
 LOW SPEED STABILITY
 MANEUVERABILITY
 QUALITY
 SPACECRAFT RELIABILITY
 STABILITY
 STEERING
 WHEEL BRAKES

CONTROLLED ATMOSPHERES

GS **CONTROLLED ATMOSPHERES**

CONTROLLED ATMOSPHERES-(CONT.)

. ARGON-OXYGEN ATMOSPHERES
 . CABIN ATMOSPHERES
 . . SPACECRAFT CABIN ATMOSPHERES
 . . HELIUM-OXYGEN ATMOSPHERES
 . . INERT ATMOSPHERE
 RT AIR CONDITIONING
 ∞ ATMOSPHERES
 ∞ BLANKETS
 CLEAN ROOMS
 ENVIRONMENTS
 FURNACES
 GAS MIXTURES
 GNOTOBIOTICS
 OXYGEN SUPPLY EQUIPMENT
 SPACECRAFT ENVIRONMENTS

CONTROLLED AVALANCHE TRANSIT TIME DEVICES

USE CATT DEVICES

CONTROLLED FUSION

SN (CONTROLLED NUCLEAR FUSION)
 GS NUCLEAR REACTIONS
 . THERMONUCLEAR REACTIONS
 . . NUCLEAR FUSION
 . . . **CONTROLLED FUSION**
 RT LIMITERS (FUSION REACTORS)
 PLASMA COMPRESSION
 PLASMA COOLING
 PLASMA CURRENTS
 PLASMA PHYSICS
 RELATIVISTIC ELECTRON BEAMS
 STRONGLY COUPLED PLASMAS
 THERMONUCLEAR POWER GENERATION
 TOPOLOTRONS
 ZETA PINCH

CONTROLLED STABILITY

USE CONTROL

CONTROLLERS

SN (DEVICES WHICH EMPLOY AN OUTSIDE SOURCE OF ENERGY AND USUALLY UTILIZE FEEDBACK)
 GS **CONTROLLERS**
 . SERVOMECHANISMS
 . . SERVOAMPLIFIERS
 . . . SERVOMOTORS
 RT ACTUATORS
 ANALYZERS
 AUTOMATIC CONTROL
 ∞ AUTOMATION
 ∞ CONTROL
 CRYOSTATS
 CURRENT REGULATORS
 CYBERNETICS
 ELECTRONIC CONTROL
 INSTRUMENT RECEIVERS
 INSTRUMENT TRANSMITTERS
 ∞ INSTRUMENTS
 MEASURING INSTRUMENTS
 PNEUMATIC CONTROL
 PRESSURE REGULATORS
 PROPELLANT ACTUATED INSTRUMENTS
 REGULATORS
 REMOTE CONTROL
 ROCKET-BORNE INSTRUMENTS
 SPEED CONTROL
 SPEED REGULATORS
 TEMPERATURE CONTROL
 THERMOSTATS
 VOLTAGE REGULATORS

CONVAIR MILITARY AIRCRAFT

USE GENERAL DYNAMICS AIRCRAFT
 MILITARY AIRCRAFT

CONVAIR 340 AIRCRAFT

USE CV-340 AIRCRAFT

CONVAIR 440 AIRCRAFT

USE CV-440 AIRCRAFT

CONVAIR 880 AIRCRAFT

USE CV-880 AIRCRAFT

CONVAIR 990 AIRCRAFT

USE CV-990 AIRCRAFT

CONVECTION

GS **CONVECTION**
 . FORCED CONVECTION
 . FREE CONVECTION

CONVECTION-(CONT.)

RT ADVECTION
 BASE HEATING
 BOUSSINESQ APPROXIMATION
 ∞ CONDUCTION
 FLUID DYNAMICS
 GRASHOF NUMBER
 HEAT TRANSMISSION
 HEATING
 METEOROLOGY

CONVECTION CLOUDS

GS CLOUDS
 . CLOUDS (METEOROLOGY)
 . . **CONVECTION CLOUDS**
 . . . CIRRUS CLOUDS
 . . . CUMULONIMBUS CLOUDS
 . . . NIMBOSTRATUS CLOUDS
 . . . STRATOCUMULUS CLOUDS
 . . . STRATUS CLOUDS
 RT AIR CURRENTS
 CLOUD PHYSICS
 METEOROLOGY
 NEPHANALYSIS
 SUPERCOOLING
 VERTICAL AIR CURRENTS

CONVECTION CURRENTS

RT AIR CURRENTS
 BENARD CELLS
 ELECTRON BUNCHING
 FLUID FLOW
 FREE CONVECTION
 SOLAR GRANULATION
 VERTICAL AIR CURRENTS

CONVECTIVE FLOW

UF THERMAL CURRENTS
 GS FLUID FLOW
 . **CONVECTIVE FLOW**
 RT FREE CONVECTION
 GAS DENSITY
 GEOPHYSICAL FLUID FLOW CELLS
 HEAT TRANSMISSION
 MASS FLOW RATE
 MASS TRANSFER
 POROUS BOUNDARY LAYER CONTROL
 THERMAL DIFFUSION

CONVECTIVE HEAT TRANSFER

GS TRANSMISSION
 . HEAT TRANSMISSION
 . . HEAT TRANSFER
 . . . **CONVECTIVE HEAT TRANSFER**
 RT AERODYNAMIC HEATING
 BOUNDARY LAYER COMBUSTION
 BOUNDARY LAYER FLOW
 CONDUCTIVE HEAT TRANSFER
 COOLING FINS
 FORCED CONVECTION
 FREE CONVECTION
 LAMINAR HEAT TRANSFER
 MASS TRANSFER
 NUSSELT NUMBER
 RADIATIVE HEAT TRANSFER
 SURFACE COOLING
 TEMPERATURE GRADIENTS
 THERMOHYDRAULICS
 THERMOSIPHONS
 TURBULENT HEAT TRANSFER

CONVENTIONS

RT AGREEMENTS
 AIR LAW
 COMPATIBILITY
 CONFERENCES
 ∞ COOPERATION
 INTERNATIONAL COOPERATION
 INTERNATIONAL LAW
 OUTER SPACE TREATY
 STANDARDS

CONVERGENCE

UF CONFLUENCE
 RT DIVERGENCE
 TAPERING
 VARIABILITY

CONVERGENT NOZZLES

RT CONICAL NOZZLES
 FLUID AMPLIFIERS
 NOZZLE GEOMETRY
 NOZZLE WALLS
 ∞ NOZZLES
 TURBINE ENGINES

CONVERGENT-DIVERGENT NOZZLES

CONVERGENT NOZZLES-(CONT.) TURBOJET ENGINES

CONVERGENT-DIVERGENT NOZZLES

- UF DE LAVAL NOZZLES
- GS EXHAUST NOZZLES
- CONVERGENT-DIVERGENT NOZZLES
- RT CONICAL NOZZLES
- NOZZLE GEOMETRY
- NOZZLE INSERTS
- NOZZLES
- ROCKET NOZZLES
- SUPERSONIC NOZZLES
- TRANSONIC NOZZLES
- TURBINE EXHAUST NOZZLES
- WIND TUNNEL NOZZLES

CONVERSATION

- GS COMMUNICATING
- CONVERSATION
- SPEECH
- CONVERSATION
- RT VERBAL COMMUNICATION
- VOICE COMMUNICATION
- WORDS (LANGUAGE)

CONVERSION

- SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED-CONSULT THE TERMS LISTED BELOW)*
- RT BIOCONVERSION
- ELECTRIC GENERATORS
- EXCHANGING
- INTERNAL CONVERSION
- ISOMERIZATION
- LIQUEFACTION
- PHOTOTHERMAL CONVERSION
- REFINING
- SOLAR TOTAL ENERGY SYSTEMS

CONVERSION TABLES

- GS TABLES (DATA)
- CONVERSION TABLES
- RT DATA CONVERTERS
- INTERNATIONAL SYSTEM OF UNITS
- UNITS OF MEASUREMENT

CONVERTAPLANES

- USE V/STOL AIRCRAFT

CONVERTERS

- SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED-CONSULT THE TERMS LISTED BELOW)*
- RT ANALOG TO DIGITAL CONVERTERS
- CURRENT CONVERTERS (AC TO DC)
- DATA CONVERTERS
- DIGITAL TO ANALOG CONVERTERS
- DIRECT POWER GENERATORS
- DOWN-CONVERTERS
- ELECTRIC GENERATORS
- FREQUENCY CONVERTERS
- IMAGE CONVERTERS
- INSTRUMENT TRANSFORMERS
- INVERTED CONVERTERS (DC TO AC)
- PARAMETRIC FREQUENCY CONVERTERS
- PULSE WIDTH AMPLITUDE CONVERTERS
- PYROMETALLURGY
- SOLAR BLANKETS
- THERMIONIC CONVERTERS
- TRANSDUCERS
- TRANSFORMERS
- UP-CONVERTERS
- VOLTAGE CONVERTERS (AC TO AC)
- VOLTAGE CONVERTERS (DC TO DC)

CONVEXITY

- GS SHAPES
- CONVEXITY
- RT CONCAVITY
- CONTOUR SENSORS
- CONTOURS
- FLATNESS
- LENTICULAR BODIES
- SURFACE GEOMETRY

CONVEYORS

- RT AUTOMATED GUIDEWAY TRANSIT
- VEHICLES
- CHUTES
- CRANES
- ELEVATORS (LIFTS)
- FEEDERS
- FORKS
- LIFTS

CONVEYORS-(CONT.)

- MATERIALS HANDLING
- RIBBONS
- ROLLERS
- SCOOPS
- TRACKS
- TRANSPORTATION

CONVOLUTION INTEGRALS

- UF CONVOLUTIONS (MATHEMATICS)
- GS ANALYSIS (MATHEMATICS)
- FUNCTIONAL ANALYSIS
- INTEGRAL TRANSFORMATIONS
- CONVOLUTION INTEGRALS

CONVOLUTIONS (MATHEMATICS)

- USE CONVOLUTION INTEGRALS

CONVULSIONS

- RT HUMAN PATHOLOGY
- MUSCLES
- PSYCHOTHERAPY
- SEIZURES
- SHOCK

COOK INLET (AK)

- GS LANDFORMS
- INLETS (TOPOGRAPHY)
- COOK INLET (AK)
- RT ALASKA

COOKPOT AIRCRAFT

- USE TU-124 AIRCRAFT

COOLANTS

- GS COOLANTS
- ENGINE COOLANTS
- ORGANIC COOLANTS
- RT AIR CONDITIONING
- AIR COOLING
- BRINES
- COOLERS
- COOLING
- COOLING SYSTEMS
- FREON
- GAS COOLING
- HEAT EXCHANGERS
- LIQUID COOLING
- NUCLEAR REACTORS
- REACTOR MATERIALS
- REFRIGERANTS
- SODIUM COOLING

COOLERS

- RT AIR CONDITIONING
- AIR CONDITIONING EQUIPMENT
- AIR COOLING
- COMPRESSORS
- COOLANTS
- COOLING
- COOLING SYSTEMS
- CRYOGENIC COOLING
- REFRIGERATING
- REFRIGERATING MACHINERY
- REFRIGERATORS

COOLING

- UF CHILLING
- HEAT DISSIPATION
- HEAT DISSIPATION CHILLING
- GS COOLING
- ABSORPTION COOLING
- AIR COOLING
- EVAPORATIVE COOLING
- FILM COOLING
- SWEAT COOLING
- GAS COOLING
- LIQUID COOLING
- FILM COOLING
- MAGNETIC COOLING
- PLASMA COOLING
- PRECOOLING
- QUENCHING (COOLING)
- RADIANT COOLING
- REGENERATIVE COOLING
- SODIUM COOLING
- SOLAR COOLING
- SOLID CRYOGEN COOLING
- SPACE COOLING (BUILDINGS)
- SUPERCOOLING
- CRYOGENIC COOLING
- SURFACE COOLING
- THERMOELECTRIC COOLING
- THERMOMAGNETIC COOLING
- RT ABLATION

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COOLING-(CONT.)

- ABLATIVE MATERIALS
- AIR CONDITIONING
- BATHING
- CONDENSING
- CONTRACTION
- COOLANTS
- COOLERS
- CRYOGENICS
- ENGINE COOLANTS
- FILM CONDENSATION
- FREEZING
- FREON
- GEOTHERMAL ENERGY UTILIZATION
- HEAT EXCHANGERS
- HEAT RADIATORS
- HEAT SHIELDING
- HEAT TRANSFER
- HEATING
- HILSCH TUBES
- JACKETS
- LOW TEMPERATURE
- MELTING
- REFRIGERATING
- REUSABLE HEAT SHIELDING
- SPACECRAFT RADIATORS
- TEMPERATURE CONTROL
- TEMPERATURE DISTRIBUTION
- THERMAL CYCLING TESTS
- THERMAL SHOCK
- THERMAL STRESSES
- TRANSPIRATION
- VENTILATION
- VENTILATION FANS
- VENTING
- WETTING

COOLING FINNS

- GS FINNS
- COOLING FINNS
- RT CONDENSERS (LIQUIFIERS)
- CONVECTIVE HEAT TRANSFER
- FINNED BODIES
- HEAT EXCHANGERS
- HEAT RADIATORS
- RADIATIVE HEAT TRANSFER

COOLING SYSTEMS

- RT ABSORBERS (EQUIPMENT)
- AIR CONDITIONING
- AIR CONDITIONING EQUIPMENT
- AIR COOLING
- AIR FILTERS
- BLOWERS
- CLOSED CYCLES
- CONDENSERS (LIQUIFIERS)
- COOLANTS
- COOLERS
- DEHUMIDIFICATION
- ENGINE COOLANTS
- ETTINGSHAUSEN EFFECT
- EVAPORATIVE COOLING
- EVAPORATORS
- EXHAUST SYSTEMS
- FREON
- HEAT EXCHANGERS
- HEAT PUMPS
- HEAT RADIATORS
- HEAT SINKS
- INFRARED SUPPRESSION
- INTAKE SYSTEMS
- LIQUID COOLING
- LUBRICATION SYSTEMS
- REFRIGERANTS
- REFRIGERATING
- REFRIGERATING MACHINERY
- REGISTERS (AIR CIRCULATION)
- SOLAR COOLING
- SOLID CRYOGENS
- SPACE COOLING (BUILDINGS)
- SPACECRAFT RADIATORS
- SYSTEMS
- TEMPERATURE CONTROL
- TEMPERATURE DISTRIBUTION
- TRANSPIRATION
- VENTILATION
- VENTILATION FANS
- VENTS

COOMB TEST

- GS PHYSIOLOGICAL TESTS
- COOMB TEST
- RT HEMATOLOGY

NASA THESAURUS (VOLUME 1)

COOPERATION
 SN (USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)
 RT CONVENTIONS
 EMPLOYEE RELATIONS
 INTERNATIONAL COOPERATION
 PUBLIC RELATIONS
 SEA LAW

COORDINATE GEOMETRY LANGUAGE
 USE COGO (PROGRAMMING LANGUAGE)

COORDINATE SYSTEMS
 USE COORDINATES

COORDINATE TRANSFORMATIONS
 GS FUNCTIONS (MATHEMATICS)
 . COORDINATE TRANSFORMATIONS
 TRANSFORMATIONS (MATHEMATICS)
 . COORDINATE TRANSFORMATIONS
 RT CONFORMAL MAPPING
 INVARIANT IMBEDDINGS
 ISOPARAMETRIC FINITE ELEMENTS
 ISOTROPIC TURBULENCE
 JOUKOWSKI TRANSFORMATION
 LAMBERT SURFACE
 SCHWARZSCHILD METRIC
 THEODORSEN TRANSFORMATION

COORDINATES
 UF AXES (COORDINATES)
 COORDINATE SYSTEMS
 GS **COORDINATES**
 . ASTRONOMICAL COORDINATES
 . CARTESIAN COORDINATES
 . GEODETIC COORDINATES
 . HYLLEBERG COORDINATES
 . HYPERBOLIC COORDINATES
 . INERTIAL COORDINATES
 . LAGRANGE COORDINATES
 . OBLIQUE COORDINATES
 . PLANETOCENTRIC COORDINATES
 . GEOCENTRIC COORDINATES
 . POLAR COORDINATES
 . SPHERICAL COORDINATES
 RT ALGEBRA
 ANALYTIC GEOMETRY
 AXES (REFERENCE LINES)
 CELESTIAL REFERENCE SYSTEMS
 EARTH AXIS
 EQUATORS
 EUCLIDEAN GEOMETRY
 FUJITA METHOD
 GEOMAGNETIC LATITUDE
 GEOMETRY
 GRIDS
 HALF PLANES
 HALF SPACES
 LATITUDE
 LINE OF SIGHT
 LONGITUDE
 MANIFOLDS (MATHEMATICS)
 MAPS
 ORIGINS
 POSITION (LOCATION)
 REFERENCE SYSTEMS

COORDINATION
 RT CONTINUITY
 CORRELATION
 INTERFACES
 SEQUENCING
 TIME SHARING

COORDINATION POLYMERS
 RT POLYMERS

COPERNICUS SPACECRAFT
 USE OAO 3

COPILOTS
 USE AIRCRAFT PILOTS

COPLANARITY
 GS ANALYSIS (MATHEMATICS)
 . CALCULUS
 . VECTOR ANALYSIS
 . COPLANARITY
 . REAL VARIABLES
 . VECTOR ANALYSIS
 . COPLANARITY
 GEOMETRY
 . VECTOR ANALYSIS

COPLANARITY-(CONT.)
 . COPLANARITY

COPOLYMERIZATION
 GS CHEMICAL REACTIONS
 . COPOLYMERIZATION
 POLYMERIZATION
 . COPOLYMERIZATION
 RT DIMERIZATION
 POLYMERS

COPOLYMERS
 GS COPOLYMERS
 . VITON
 RT KEL-F
 POLYMERS
 VINYL COPOLYMERS

COPPER
 GS CHEMICAL ELEMENTS
 . COPPER
 . COPPER ISOTOPES
 RT AMMINES
 CONSTANTAN
 SELENIUM ALLOYS

COPPER ALLOYS
 GS ALLOYS
 . COPPER ALLOYS
 . BABBITT METAL
 . BRASSES
 . BRONZES
 . MANGANIN (TRADEMARK)
 RT BEARING ALLOYS
 LAMELLA (METALLURGY)

COPPER CHLORIDES
 GS COPPER COMPOUNDS
 . COPPER CHLORIDES
 HALOGEN COMPOUNDS
 . CHLORINE COMPOUNDS
 . CHLORIDES
 . COPPER CHLORIDES
 . HALIDES
 . CHLORIDES
 . COPPER CHLORIDES
 . METAL HALIDES
 . COPPER CHLORIDES

COPPER COMPOUNDS
 GS COPPER COMPOUNDS
 . COPPER CHLORIDES
 . COPPER FLUORIDES
 . COPPER OXIDES
 . COPPER SELENIDES
 . COPPER SULFIDES
 . ENARGITE
 RT GROUP 1B COMPOUNDS
 METAL COMPOUNDS

COPPER FLUORIDES
 GS COPPER COMPOUNDS
 . COPPER FLUORIDES
 HALOGEN COMPOUNDS
 . FLUORINE COMPOUNDS
 . FLUORIDES
 . METAL FLUORIDES
 . COPPER FLUORIDES
 . HALIDES
 . METAL HALIDES
 . COPPER FLUORIDES

COPPER ISOTOPES
 GS CHEMICAL ELEMENTS
 . COPPER
 . COPPER ISOTOPES
 METALS
 . COPPER ISOTOPES

COPPER OXIDES
 GS CHALCOGENIDES
 . OXIDES
 . METAL OXIDES
 . COPPER OXIDES
 COPPER COMPOUNDS
 . COPPER OXIDES
 RT THERMITES

COPPER SELENIDES
 GS CHALCOGENIDES
 . SELENIDES
 . COPPER SELENIDES
 COPPER COMPOUNDS
 . COPPER SELENIDES

COPPER SELENIDES-(CONT.)
 SELENIUM COMPOUNDS
 . SELENIDES
 . COPPER SELENIDES

COPPER SULFIDES
 GS CHALCOGENIDES
 . SULFIDES
 . INORGANIC SULFIDES
 . COPPER SULFIDES
 . ENARGITE
 COPPER COMPOUNDS
 . COPPER SULFIDES
 . ENARGITE
 SULFUR COMPOUNDS
 . SULFIDES
 . INORGANIC SULFIDES
 . COPPER SULFIDES
 . ENARGITE

COPSES
 RT BOTANY
 BRUSH (BOTANY)
 CHAPARRAL
 EARTH RESOURCES
 FOLIAGE
 PLANTS (BOTANY)

COPYRIGHTS
 RT DOCUMENTS
 LICENSING
 PATENT APPLICATIONS
 POLICIES
 REGULATIONS

CORAL HEADS
 USE CORAL REEFS

CORAL REEFS
 UF ATOLL REEFS
 CORAL HEADS
 RT ATOLLS
 COASTS
 ISLANDS
 KEYS (ISLANDS)
 REEFS

CORDAGE
 RT CABLES (ROPES)
 CONNECTORS
 COTTON
 FIBERS
 FILAMENTS
 STRANDS
 STRINGS
 WIRE
 YARNS

CORDIERITE
 GS ALUMINUM COMPOUNDS
 . CORDIERITE
 IRON COMPOUNDS
 . CORDIERITE
 MAGNESIUM COMPOUNDS
 . CORDIERITE
 MINERALS
 . CORDIERITE
 SILICON COMPOUNDS
 . SILICATES
 . CORDIERITE

CORDITE
 USE COLLOIDAL PROPELLANTS
 DOUBLE BASE PROPELLANTS

CORE FLOW
 GS FLUID FLOW
 . CORE FLOW
 RT FLOW GEOMETRY
 MAGNETOHYDRODYNAMIC FLOW
 ONE DIMENSIONAL FLOW
 PLASMAS (PHYSICS)
 SHEAR FLOW

CORE SAMPLING
 GS SAMPLING
 . CORE SAMPLING
 RT CORES
 DEPTH MEASUREMENT
 DRILLING
 EARTH CRUST
 HYDROGEOLOGY
 MINES (EXCAVATIONS)
 OCEAN BOTTOM

CORE STORAGE

CORE SAMPLING-(CONT.)

OCEAN CURRENTS
OCEANOGRAPHY
PARTICLE TRACKS
SALINITY
SAMPLERS

CORE STORAGE

UF MACHINE STORAGE
GS MAGNETIC STORAGE
CORE STORAGE
RT BUBBLE MEMORY DEVICES
BUFFER STORAGE
DATA STORAGE
MAGNETIC DISKS
MAGNETIC DRUMS
∞ STORAGE

CORES

GS CORES
HONEYCOMB CORES
LUNAR CORE
MAGNETIC CORES
PLANETARY CORES
EARTH CORE
REACTOR CORES
RT ∞ CELLS
CORE SAMPLING
MANDRELS
MOLDING MATERIALS

CORIOLIS EFFECT

RT DISORIENTATION
∞ EFFECTS
METEOROLOGY
PLANETARY WAVES
ROTATING ENVIRONMENTS
ROTATION
VESTIBULAR TESTS

CORK (MATERIALS)

GS WOOD
CORK (MATERIALS)
RT ORGANIC MATERIALS
THERMAL INSULATION

CORN

GS FARM CROPS
GRAINS (FOOD)
CORN
PLANTS (BOTANY)
CORN
RT AGRICULTURE
BLIGHT
BOLLWORMS
BOTANY
CROP GROWTH
∞ CROPS
CURING
EARTH RESOURCES
∞ FOOD
IRRIGATION
SEEDS

CORNEA

GS ANATOMY
SENSE ORGANS
EYE (ANATOMY)
CORNEA
RT KERATITIS
VISION

CORNER FLOW

GS FLUID FLOW
CORNER FLOW
RT CHANNEL FLOW
DUCTED FLOW
∞ FLOW
NOZZLE FLOW
SECONDARY FLOW

CORNERS

RT ANGLES (GEOMETRY)
ANTENNAS
JOINTS (JUNCTIONS)
SHAPES

CORONA BOREALIS CONSTELLATION

GS CONSTELLATIONS
CORONA BOREALIS CONSTELLATION
RT CELESTIAL BODIES
CELESTIAL SPHERE
STARS

CORONA DISCHARGES

USE ELECTRIC CORONA

CORONAGRAPHS

RT ASTRONOMICAL PHOTOGRAPHY
ASTRONOMICAL TELESCOPES
SOLAR OBSERVATORIES
SPECTROHELIOGRAPHS
STARSAT TELESCOPE

CORONAL HOLES

GS CORONAS
CORONAL HOLES
RT DECAMETRIC WAVES
∞ HOLES
RADIO ASTRONOMY
SOLAR RADIO EMISSION
SOLAR WIND
SOLAR X-RAYS
STELLAR STRUCTURE
ULTRAVIOLET RADIATION

CORONAL LOOPS

GS CORONAS
STELLAR CORONAS
SOLAR CORONA
CORONAL LOOPS
RT CHROMOSPHERE
SOLAR FLARES
SOLAR LIMB

CORONARY ARTERY DISEASE

GS DISEASES
HEART DISEASES
CORONARY ARTERY DISEASE
RT ANGINA PECTORIS
ARTERIOSCLEROSIS
MYOCARDIAL INFARCTION

CORONARY CIRCULATION

GS CIRCULATION
BLOOD CIRCULATION
CORONARY CIRCULATION
RT HEART
HEART VALVES

CORONAS

GS CORONAS
CORONAL HOLES
ELECTRIC CORONA
STELLAR CORONAS
SOLAR CORONA
CORONAL LOOPS
RT ELECTRIC ARCS
ELECTRIC DISCHARGES
HALOS
IONIZATION
SOLAR SPECTRA

CORPORAL MISSILE

GS MISSILES
SURFACE TO SURFACE MISSILES
CORPORAL MISSILE
RT LIQUID PROPELLANT ROCKET ENGINES

CORPUSCLES

GS ANATOMY
CARDIOVASCULAR SYSTEM
CORPUSCLES
CELLS (BIOLOGY)
CORPUSCLES
RT ANEMIAS
BLOOD PLASMA
ERYTHROCYTES
HEMOGLOBIN
LYMPH
LYMPHOCYTES

CORPUSCULAR RADIATION

SN (NONELECTROMAGNETIC RADIATION
CONSISTING OF ENERGETIC CHARGED
OR NEUTRAL PARTICLES)
UF PENETRATING PARTICLES
GS PARTICLES
CORPUSCULAR RADIATION
CYCLOTRON RADIATION
ION CYCLOTRON RADIATION
ELECTRON PRECIPITATION
ELECTRON RADIATION
BETA PARTICLES
ELECTRON BEAMS
RELATIVISTIC ELECTRON BEAMS
PRIMARY COSMIC RAYS
SOLAR COSMIC RAYS

NASA THESAURUS (VOLUME 1)

CORPUSCULAR RADIATION-(CONT.)

RT RADIATION BELTS
SOLAR CORPUSCULAR RADIATION
SOLAR ELECTRONS
SOLAR PROTONS
ALPHA PARTICLES
ATMOSPHERIC RADIATION
BACKGROUND RADIATION
BEAMS (RADIATION)
CERENKOV RADIATION
CHARGED PARTICLES
COHERENT RADIATION
CONTINUOUS RADIATION
COSMIC RAYS
ELECTROMAGNETIC RADIATION
EXTRATERRESTRIAL RADIATION
FLUX (RATE)
GALACTIC RADIATION
INCIDENT RADIATION
INTERSTELLAR RADIATION
IONIZING RADIATION
IONS
MESONS
NEUTRONS
NUCLEAR PARTICLES
NUCLEAR RADIATION
NUCLEI (NUCLEAR PHYSICS)
PARTICLE PRODUCTION
PHONON BEAMS
PULSED RADIATION
∞ RADIATION
RADIATION DISTRIBUTION
RADIATION PRESSURE
RADIATION SOURCES
∞ RAYS
REFLECTED WAVES
REFRACTED WAVES
SOLAR RADIATION
SOLAR TERRESTRIAL INTERACTIONS
STRATOSPHERE RADIATION

CORRECTION

GS CORRECTION
OPTICAL CORRECTION PROCEDURE
RT ACCOMMODATION
ACCURACY
ADAPTATION
ADJUSTING
ALIGNMENT
ERROR CORRECTING DEVICES
ERRORS
IMPROVEMENT
INFORMATION THEORY
PARITY
REDUNDANCY
REVISIONS

CORRELATION

UF CORRELATION FUNCTIONS
GS CORRELATION
ANGULAR CORRELATION
AUTOCORRELATION
CORRELATION COEFFICIENTS
CORRELATION DETECTION
CROSS CORRELATION
DATA CORRELATION
SIGNAL ANALYSIS
SPECTRAL CORRELATION
STATISTICAL CORRELATION
RT BIVARIATE ANALYSIS
COLLATING
CONFIDENCE
CONTINGENCY
COORDINATION
COVARIANCE
∞ ESTIMATORS
EVALUATION
FACTOR ANALYSIS
FORECASTING
INFORMATION THEORY
LEAST SQUARES METHOD
MULTIVARIATE STATISTICAL ANALYSIS
OPTIMIZATION
PROBABILITY THEORY
QUALITY CONTROL
REGRESSION ANALYSIS
REGRESSION COEFFICIENTS
SIGNIFICANCE
STATISTICAL ANALYSIS
TIME SERIES ANALYSIS
VALIDITY
VARIABILITY
VARIANCE (STATISTICS)

CORRELATION COEFFICIENTS

- GS COEFFICIENTS
 - . **CORRELATION COEFFICIENTS**
 - CORRELATION
 - . **CORRELATION COEFFICIENTS**
 - STATISTICAL ANALYSIS
 - . **CORRELATION COEFFICIENTS**
- RT QUALITY CONTROL
 - STATISTICAL CORRELATION

CORRELATION DETECTION

- GS CORRELATION
 - . **CORRELATION DETECTION**
 - DETECTION
 - . SIGNAL DETECTION
 - . **CORRELATION DETECTION**
- RT ∞ DETECTORS
 - ELECTROMAGNETIC WAVE FILTERS
 - PHASE LOCK DEMODULATORS
 - SIGNAL TO NOISE RATIOS

CORRELATION FUNCTIONS

- USE CORRELATION

CORRELATORS

- SN (DEVICES THAT DETECT WEAK SIGNALS
IN NOISE BY PERFORMING AN
ELECTRONIC OPERATION)
- UF SYNCHRONOUS DETECTORS
- GS **CORRELATORS**
 - . IMAGE CORRELATORS
- RT SYNCHROSCOPES

CORRIDORS

- GS **CORRIDORS**
 - . GREAT PLAINS CORRIDOR (NORTH
AMERICA)
 - . ST LOUIS-KANSAS CITY CORRIDOR
(MO)
- RT PASSAGEWAYS

CORROSION

- UF METAL CORROSION
- GS **CORROSION**
 - . CAVITATION CORROSION
 - . ELECTROCHEMICAL CORROSION
 - . FRETTING CORROSION
 - . FUEL CORROSION
 - . HOT CORROSION
 - . INTERGRANULAR CORROSION
 - . RUSTING
 - . SCALE (CORROSION)
 - . STRESS CORROSION
 - . TRANSGRANULAR CORROSION
- RT CHEMICAL ATTACK
 - CHEMICAL REACTIONS
 - COATINGS
 - DAMAGE
 - DEGRADATION
 - DEPOSITS
 - DETERIORATION
 - DISSOLVING
 - DURABILITY
 - ELECTROCHEMISTRY
 - ELECTROLYSIS
 - EROSION
 - ETCHANTS
 - ETCHING
 - FAILURE
 - FINISHES
 - FOULING
 - GAS-METAL INTERACTIONS
 - HUMIDITY
 - IMPINGEMENT
 - INCOMPATIBILITY
 - METAL COATINGS
 - METAL-WATER REACTIONS
 - ∞ METALLURGY
 - OXIDATION
 - PASSIVITY
 - PITTING
 - PROTECTIVE COATINGS
 - SALT SPRAY TESTS
 - STERILIZATION EFFECTS
 - SURFACE PROPERTIES
 - TRIBOLOGY
 - WEAR
 - WEATHERING

CORROSION PREVENTION

- GS PREVENTION
 - . **CORROSION PREVENTION**
 - PROTECTION
 - . **CORROSION PREVENTION**
- RT AERATION

CORROSION PREVENTION-(CONT.)

- ANTIFOULING
- ANTIOXIDANTS
- CHEMICAL ATTACK
- CLEANING
- COATING
- COATINGS
- DESENSITIZING
- ∞ FILMS
- FUEL TANKS
- ∞ INHIBITION
- INHIBITORS
- METAL COATINGS
- NICKEL COATINGS
- PACKAGING
- PASSIVITY
- PRESERVING
- PROPELLANT ADDITIVES
- SENSITIZING
- SILICONIZING
- SURFACE FINISHING
- WATER TREATMENT
- WEATHERPROOFING

CORROSION RESISTANCE

- GS **CORROSION RESISTANCE**
 - . OXIDATION RESISTANCE
- RT CHEMICAL ATTACK
 - CHEMICAL TESTS
 - PASSIVITY
 - PITTING
 - ∞ RESISTANCE
 - RUSTING
 - SALT SPRAY TESTS
 - SILICONIZING
 - SURFACE FINISHING

CORROSION TEST LOOPS

- GS LOOPS
 - . **CORROSION TEST LOOPS**
- RT ∞ TESTS

CORROSION TESTS

- GS ENVIRONMENTAL TESTS
 - . **CORROSION TESTS**
 - . SALT SPRAY TESTS
- RT CHEMICAL ATTACK
 - DESTRUCTIVE TESTS
 - FUEL TESTS
 - ∞ MATERIALS TESTS
 - PITTING
 - PROPELLANT TESTS
 - STABILITY TESTS
 - STRESS CORROSION CRACKING
 - TRANSGRANULAR CORROSION
 - UNDERWATER TESTS
 - WEATHERING

CORRUGATED PLATES

- GS STRUCTURAL MEMBERS
 - . PLATES (STRUCTURAL MEMBERS)
 - . **CORRUGATED PLATES**
- RT CORRUGATING
 - REINFORCED PLATES

CORRUGATED SHELLS

- GS SHELLS (STRUCTURAL FORMS)
 - . **CORRUGATED SHELLS**
- RT ANISOTROPIC SHELLS
 - CORRUGATING
 - REINFORCED SHELLS

CORRUGATING

- RT CORRUGATED PLATES
 - CORRUGATED SHELLS
 - DEFORMATION
 - GROOVES
 - ∞ PLATES
 - ∞ RIDGES
 - ∞ WAVES

CORSAIR AIRCRAFT

- USE A-7 AIRCRAFT

CORTEXES

- SN (USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)
- RT CEREBRAL CORTEX
 - CORTEXES (BOTANY)

CORTEXES (BOTANY)

- RT ∞ CORTEXES
 - PLANTS (BOTANY)

CORTI ORGAN

- GS ANATOMY
 - . SENSE ORGANS
 - . . . EAR
 - . . . **CORTI ORGAN**
- RT COCHLEA

CORTICOSTEROIDS

- GS STEROIDS
 - . **CORTICOSTEROIDS**
 - . . ALDOSTERONE
 - . . HYDROXYCORTICOSTEROID
 - . . . CORTISONE
- RT ADRENAL METABOLISM
 - ENDOCRINE SECRETIONS

CORTISONE

- GS DRUGS
 - . **CORTISONE**
 - STEROIDS
 - . CORTICOSTEROIDS
 - . . HYDROXYCORTICOSTEROID
 - . . . **CORTISONE**
- RT ADRENAL METABOLISM

CORUNDUM

- USE ALUMINUM OXIDES

CORVUS MISSILE

- GS MISSILES
 - . **CORVUS MISSILE**
- RT LIQUID PROPELLANT ROCKET ENGINES

COS-B SATELLITE

- GS ESA SPACECRAFT
 - . ESA SATELLITES
 - . . **COS-B SATELLITE**
 - SATELLITES
 - . ARTIFICIAL SATELLITES
 - . . ESA SATELLITES
 - . . . **COS-B SATELLITE**
 - . EARTH SATELLITES
 - . . ESA SATELLITES
 - . . . **COS-B SATELLITE**
- RT EUROPA 2 LAUNCH VEHICLE
 - EUROPEAN SPACE PROGRAMS

COSINE SERIES

- GS ANALYSIS (MATHEMATICS)
 - . CALCULUS
 - . . SERIES (MATHEMATICS)
 - . . . **COSINE SERIES**
 - . REAL VARIABLES
 - . . DIFFERENTIAL EQUATIONS
 - . . . **COSINE SERIES**
 - . PERIODIC FUNCTIONS
 - . . TRIGONOMETRIC FUNCTIONS
 - . . . **COSINE SERIES**
 - . SERIES (MATHEMATICS)
 - . . . **COSINE SERIES**
 - FUNCTIONS (MATHEMATICS)
 - . TRANSCENDENTAL FUNCTIONS
 - . . PERIODIC FUNCTIONS
 - . . . TRIGONOMETRIC FUNCTIONS
 - . . . **COSINE SERIES**

COSMIC BACKGROUND EXPLORER SATELLITE

- UF COBE
 - SATELLITES
- GS EARTH SATELLITES
 - . EXPLORER SATELLITES
 - . . **COSMIC BACKGROUND EXPLORER**
 - SATELLITE
- RT BACKGROUND RADIATION
 - RADIATION SPECTRA
 - SPACEBORNE ASTRONOMY

COSMIC DUST

- GS DUST
 - . **COSMIC DUST**
 - . . INTERPLANETARY DUST
 - . . . METEOROID DUST CLOUDS
 - ZODIACAL DUST
- RT INTERGALACTIC MEDIA
 - INTERSTELLAR MATTER
 - METEORIODS
 - MICROMETEORITES
 - MICROMETEORIDS
 - MOLECULAR CLOUDS
 - ORGANIC SOLIDS
 - SPACE DEBRIS
 - TERRESTRIAL DUST BELT
 - VENUS FLY TRAP ROCKET VEHICLE

COSMIC GAMMA RAY BURSTS

COSMIC GAMMA RAY BURSTS
USE GAMMA RAY BURSTS

COSMIC GASES

GS EXTRATERRESTRIAL MATTER
 COSMIC GASES
 INTERPLANETARY GAS
 INTERSTELLAR GAS
 NEUTRAL GASES
 GASES
 RAREFIED GASES
 COSMIC GASES
 INTERPLANETARY GAS
 INTERSTELLAR GAS
 NEUTRAL GASES
RT ELECTRON GAS
 INTERGALACTIC MEDIA
 IONIZED GASES

COSMIC NOISE

GS ELECTROMAGNETIC INTERFERENCE
 RADIO FREQUENCY INTERFERENCE
 BLACKOUT (PROPAGATION)
 ELECTROMAGNETIC NOISE
 COSMIC NOISE
RT BACKGROUND NOISE
 BACKGROUND RADIATION
 CENTIMETER WAVES
 ELECTROMAGNETIC NOISE
 MEASUREMENT
 GALACTIC RADIATION
 GALACTIC RADIO WAVES
 INTERSTELLAR RADIATION
 MICROWAVE EMISSION
 MICROWAVES
 NOISE STORMS
 SOLAR RADIATION
 SOLAR RADIO EMISSION

COSMIC PLASMA

GS EXTRATERRESTRIAL MATTER
 COSMIC PLASMA
 PARTICLES
 CHARGED PARTICLES
 ENERGETIC PARTICLES
 PLASMAS (PHYSICS)
 COSMIC PLASMA
RT INTERGALACTIC MEDIA
 INTERPLANETARY GAS
 PLASMA CLOUDS
 PLASMAPAUSE
 RELATIVISTIC PLASMAS
 SOLAR WIND
 STELLAR WINDS
 STRONGLY COUPLED PLASMAS

COSMIC RADIATION

USE COSMIC RAYS

COSMIC RADIO WAVES

USE EXTRATERRESTRIAL RADIO WAVES

COSMIC RAY ALBEDO

GS ALBEDO
 COSMIC RAY ALBEDO
RT ABSORPTANCE
 ABSORPTION
 ATMOSPHERIC ATTENUATION
 EARTH ALBEDO
 LUNAR ALBEDO
 PRIMARY COSMIC RAYS
 REFLECTANCE
 SECONDARY COSMIC RAYS

COSMIC RAY SHOWERS

UF MOLIERE FORMULA
GS IONIZING RADIATION
 COSMIC RAYS
 COSMIC RAY SHOWERS
RT AUGER EFFECT
 CASCADES
 ELECTRON PHOTON CASCADES
 SECONDARY COSMIC RAYS
 SHOWERS

COSMIC RAYS

UF COSMIC RADIATION
GS IONIZING RADIATION
 COSMIC RAYS
 COSMIC RAY SHOWERS
 GAMMA RAY BURSTS
 PRIMARY COSMIC RAYS
 SOLAR COSMIC RAYS
 SECONDARY COSMIC RAYS
RT AEROSPACE ENVIRONMENTS

COSMIC RAYS-(CONT.)

ALBEDO
ALPHA PARTICLES
BIG BANG COSMOLOGY
CERENKOV RADIATION
CORPUSCULAR RADIATION
DEUTERONS
ELECTROMAGNETIC RADIATION
ELECTRON ACCELERATION
ELECTRONS
EXTRATERRESTRIAL RADIATION
FORBUSH DECREASES
GALACTIC RADIATION
GAMMA RAY TELESCOPES
GAMMA RAYS
HELIOSPHERE
INTERSTELLAR RADIATION
ION DENSITY (CONCENTRATION)
MESONS
NEUTRONS
NUCLEAR PARTICLES
NUCLEI (NUCLEAR PHYSICS)
PARTICLE TRACKS
PHOTONS
PROTONS
 RADIATION
 RADIATION BELTS
 RADIATIVE TRANSFER
 SOLAR RADIATION
 STELLAR RADIATION
 VLF EMISSION RECORDERS
 X RAYS

COSMIC X RAYS

GS ELECTROMAGNETIC RADIATION
 X RAYS
 COSMIC X RAYS
 IONIZING RADIATION
 X RAYS
RT **COSMIC X RAYS**
 EXTRATERRESTRIAL RADIATION
 GALACTIC RADIATION
 GAMMA RAY ASTRONOMY
 GAMMA RAY BURSTS
 GAMMA RAYS
 X RAY ASTRONOMY

COSMOCHEMISTRY

RT COSMOLOGY
 EXTRATERRESTRIAL MATTER
 GEOCHEMISTRY
 METEORITIC COMPOSITION

COSMOGONY

USE COSMOLOGY

COSMOLOGY

UF COSMOGONY
GS **COSMOLOGY**
 BIG BANG COSMOLOGY
 HUBBLE DIAGRAM
RT ASTRONOMICAL MODELS
 ASTROPHYSICS
 COSMOCHEMISTRY
 EXISTENCE
 GALACTIC EVOLUTION
 HUBBLE CONSTANT
 MASS DISTRIBUTION
 NAKED SINGULARITIES
 PLANETARY EVOLUTION
 PROTOPLANETS
 RED SHIFT
 STAR DISTRIBUTION
 STELLAR EVOLUTION
 STELLAR MASS ACCRETION
 UNIVERSE
 WHITE HOLES (ASTRONOMY)

COSMONAUTS

GS PERSONNEL
 FLYING PERSONNEL
 COSMONAUTS
RT **ASTRONAUTICS**
 ASTRONAUTS
 CREW EXPERIMENT STATIONS
 CREW OBSERVATION STATIONS
 CREW STATIONS
 CREW WORK STATIONS
 CREWS
 PILOTS (PERSONNEL)
 SPACECRAFT ENVIRONMENTS
 SPACECREWS

NASA THESAURUS (VOLUME 1)

COSMOS

SN

(USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)
COSMOS SATELLITES
UNIVERSE

RT

COSMOS SATELLITES

GS SATELLITES
 ARTIFICIAL SATELLITES
 COSMOS SATELLITES
 COSMOS 1 SATELLITE
 COSMOS 2 SATELLITE
 COSMOS 3 SATELLITE
 COSMOS 4 SATELLITE
 COSMOS 5 SATELLITE
 COSMOS 6 SATELLITE
 COSMOS 7 SATELLITE
 COSMOS 8 SATELLITE
 COSMOS 11 SATELLITE
 COSMOS 12 SATELLITE
 COSMOS 14 SATELLITE
 COSMOS 15 SATELLITE
 COSMOS 17 SATELLITE
 COSMOS 41 SATELLITE
 COSMOS 44 SATELLITE
 COSMOS 53 SATELLITE
 COSMOS 54 SATELLITE
 COSMOS 55 SATELLITE
 COSMOS 71 SATELLITE
 COSMOS 110 SATELLITE
 COSMOS 137 SATELLITE
 COSMOS 144 SATELLITE
 COSMOS 149 SATELLITE
 COSMOS 166 SATELLITE
 COSMOS 186 SATELLITE
 COSMOS 188 SATELLITE
 COSMOS 206 SATELLITE
 COSMOS 213 SATELLITE
 COSMOS 224 SATELLITE
 COSMOS 225 SATELLITE
 COSMOS 381 SATELLITE
 COSMOS 462 SATELLITE
 COSMOS 1128 SATELLITE
 COSMOS 1129 SATELLITE
 COSMOS 1130 SATELLITE
 COSMOS 1131 SATELLITE
 COSMOS 1132 SATELLITE
 COSMOS 1133 SATELLITE
 COSMOS 1134 SATELLITE
 COSMOS 1135 SATELLITE
 COSMOS 1136 SATELLITE
 COSMOS 1137 SATELLITE
 INTERCOSMOS SATELLITES
 EARTH SATELLITES
 COSMOS SATELLITES
 COSMOS 1 SATELLITE
 COSMOS 2 SATELLITE
 COSMOS 3 SATELLITE
 COSMOS 4 SATELLITE
 COSMOS 5 SATELLITE
 COSMOS 6 SATELLITE
 COSMOS 7 SATELLITE
 COSMOS 8 SATELLITE
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 COSMOS 14 SATELLITE
 COSMOS 15 SATELLITE
 COSMOS 17 SATELLITE
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 COSMOS 44 SATELLITE
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 COSMOS 54 SATELLITE
 COSMOS 55 SATELLITE
 COSMOS 71 SATELLITE
 COSMOS 110 SATELLITE
 COSMOS 137 SATELLITE
 COSMOS 144 SATELLITE
 COSMOS 149 SATELLITE
 COSMOS 166 SATELLITE
 COSMOS 186 SATELLITE
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 COSMOS 213 SATELLITE
 COSMOS 224 SATELLITE
 COSMOS 225 SATELLITE
 COSMOS 381 SATELLITE
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 COSMOS 1130 SATELLITE
 COSMOS 1131 SATELLITE
 COSMOS 1132 SATELLITE
 COSMOS 1133 SATELLITE
 COSMOS 1134 SATELLITE
 COSMOS 1135 SATELLITE

COSMOS 15 SATELLITE-(CONT.)

15 COSMOS SATELLITE
COSMOS SATELLITES
COSMOS 15 SATELLITE
SOVIET SPACECRAFT
COSMOS SATELLITES
COSMOS 15 SATELLITE

COSMOS 17 SATELLITE
GS SATELLITES
 . ARTIFICIAL SATELLITES
 . COSMOS SATELLITES
 . . . COSMOS 17 SATELLITE
 . EARTH SATELLITES
 . COSMOS SATELLITES
 . . . COSMOS 17 SATELLITE
SOVIET SPACECRAFT
 . COSMOS SATELLITES
 . . . COSMOS 17 SATELLITE

COSMOS 41 SATELLITE
GS SATELLITES
 . ARTIFICIAL SATELLITES
 . COSMOS SATELLITES
 . . COSMOS 41 SATELLITE
 . EARTH SATELLITES
 . COSMOS SATELLITES
 . . COSMOS 41 SATELLITE
SOVIET SPACECRAFT
 . COSMOS SATELLITES
 . COSMOS 41 SATELLITE

COSMOS 44 SATELLITE
GS SATELLITES
 . ARTIFICIAL SATELLITES
 . COSMOS SATELLITES
 . . . COSMOS 44 SATELLITE
 . EARTH SATELLITES
 . . . COSMOS SATELLITES
 . . . COSMOS 44 SATELLITE
SOVIET SPACECRAFT
 . COSMOS SATELLITES
 . . . COSMOS 44 SATELLITE

COSMOS 53 SATELLITE
GS SATELLITES
ARTIFICIAL SATELLITES
COSMOS SATELLITES
COSMOS 53 SATELLITE
EARTH SATELLITES
COSMOS SATELLITES
COSMOS 53 SATELLITE
SOVIET SPACECRAFT
COSMOS SATELLITES
COSMOS 53 SATELLITE

COSMOS 54 SATELLITE
GS SATELLITES
 ARTIFICIAL SATELLITES
 COSMOS SATELLITES
 COSMOS 54 SATELLITE
 EARTH SATELLITES
 COSMOS SATELLITES
 COSMOS 54 SATELLITE
SOVIET SPACECRAFT
 COSMOS SATELLITES
 COSMOS 54 SATELLITE

COSMOS 55 SATELLITE
GS SATELLITES
. ARTIFICIAL SATELLITES
. COSMOS SATELLITES
... COSMOS 55 SATELLITE
. EARTH SATELLITES
... COSMOS SATELLITES
... COSMOS 55 SATELLITE
SOVIET SPACECRAFT
. COSMOS SATELLITES
... COSMOS 55 SATELLITE

COSMOS 71 SATELLITE
GS SATELLITES
ARTIFICIAL SATELLITES
COSMOS SATELLITES
COSMOS 71 SATELLITE
EARTH SATELLITES
COSMOS SATELLITES
COSMOS 71 SATELLITE
SOVIET SPACECRAFT
COSMOS SATELLITES
COSMOS 71 SATELLITE

COSMOS 110 SATELLITE
GS SATELLITES
. ARTIFICIAL SATELLITES
. COSMOS SATELLITES

COSMOS 110 SATELLITE
GS SATELLITES

COSMOS 110 SATELLITE
GS SATELLITES
 . ARTIFICIAL SATELLITES
 . . COSMOS SATELLITES

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COSMOS 206 SATELLITE-(CONT.)
 . COSMOS SATELLITES
 . **COSMOS 206 SATELLITE**

COSMOS 213 SATELLITE
 GS SATELLITES
 . ARTIFICIAL SATELLITES
 . COSMOS SATELLITES
 . . **COSMOS 213 SATELLITE**
 . EARTH SATELLITES
 . COSMOS SATELLITES
 . . **COSMOS 213 SATELLITE**
 SOVIET SPACECRAFT
 . COSMOS SATELLITES
 . **COSMOS 213 SATELLITE**

COSMOS 224 SATELLITE
 GS SATELLITES
 . ARTIFICIAL SATELLITES
 . COSMOS SATELLITES
 . . **COSMOS 224 SATELLITE**
 . EARTH SATELLITES
 . COSMOS SATELLITES
 . . **COSMOS 224 SATELLITE**
 SOVIET SPACECRAFT
 . COSMOS SATELLITES
 . **COSMOS 224 SATELLITE**

COSMOS 225 SATELLITE
 GS SATELLITES
 . ARTIFICIAL SATELLITES
 . COSMOS SATELLITES
 . . **COSMOS 225 SATELLITE**
 . EARTH SATELLITES
 . COSMOS SATELLITES
 . . **COSMOS 225 SATELLITE**
 SOVIET SPACECRAFT
 . COSMOS SATELLITES
 . **COSMOS 225 SATELLITE**

COSMOS 381 SATELLITE
 GS SATELLITES
 . ARTIFICIAL SATELLITES
 . COSMOS SATELLITES
 . . **COSMOS 381 SATELLITE**
 . EARTH SATELLITES
 . COSMOS SATELLITES
 . . **COSMOS 381 SATELLITE**
 SOVIET SPACECRAFT
 . COSMOS SATELLITES
 . **COSMOS 381 SATELLITE**

COSMOS 462 SATELLITE
 GS SATELLITES
 . ARTIFICIAL SATELLITES
 . COSMOS SATELLITES
 . . **COSMOS 462 SATELLITE**
 . GEOPHYSICAL SATELLITES
 . . **COSMOS 462 SATELLITE**
 . EARTH SATELLITES
 . COSMOS SATELLITES
 . . **COSMOS 462 SATELLITE**
 . GEOPHYSICAL SATELLITES
 . . **COSMOS 462 SATELLITE**
 SOVIET SPACECRAFT
 . COSMOS SATELLITES
 . **COSMOS 462 SATELLITE**

COSMOS 782 SATELLITE
 GS SATELLITES
 . ARTIFICIAL SATELLITES
 . **COSMOS 782 SATELLITE**
 . EARTH SATELLITES
 . **COSMOS 782 SATELLITE**
 SOVIET SPACECRAFT
 . **COSMOS 782 SATELLITE**
 RT INTERNATIONAL COOPERATION

COSMOS 936 SATELLITE
 GS SATELLITES
 . ARTIFICIAL SATELLITES
 . **COSMOS 936 SATELLITE**
 . EARTH SATELLITES
 . **COSMOS 936 SATELLITE**
 SOVIET SPACECRAFT
 . **COSMOS 936 SATELLITE**
 RT INTERNATIONAL COOPERATION

COSMOS 1128 SATELLITE
 GS SATELLITES
 . ARTIFICIAL SATELLITES
 . COSMOS SATELLITES
 . . **COSMOS 1128 SATELLITE**
 . EARTH SATELLITES
 . COSMOS SATELLITES

COSMOS 1128 SATELLITE-(CONT.)
 . . . **COSMOS 1128 SATELLITE**
 . SOVIET SPACECRAFT
 . COSMOS SATELLITES
 . . **COSMOS 1128 SATELLITE**

COSMOS 1129 SATELLITE
 GS SATELLITES
 . ARTIFICIAL SATELLITES
 . . COSMOS SATELLITES
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 . EARTH SATELLITES
 . . COSMOS SATELLITES
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 . SOVIET SPACECRAFT
 . COSMOS SATELLITES
 . . **COSMOS 1129 SATELLITE**
 RT INTERNATIONAL COOPERATION

COSMOS 1130 SATELLITE
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 . ARTIFICIAL SATELLITES
 . . COMMUNICATION SATELLITES
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 . EARTH SATELLITES
 . . COMMUNICATION SATELLITES
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 . SOVIET SPACECRAFT
 . COSMOS SATELLITES
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COSMOS 1131 SATELLITE
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 . ARTIFICIAL SATELLITES
 . . COMMUNICATION SATELLITES
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 . SOVIET SPACECRAFT
 . COSMOS SATELLITES
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COSMOS 1132 SATELLITE
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 . ARTIFICIAL SATELLITES
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COSMOS 1134 SATELLITE
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 . COSMOS SATELLITES
 . . . **COSMOS 1134 SATELLITE**

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COSMOS 1134 SATELLITE-(CONT.)
 SOVIET SPACECRAFT
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 . . COSMOS 1134 SATELLITE

COSMOS 1135 SATELLITE
 GS SATELLITES
 . ARTIFICIAL SATELLITES
 . . COMMUNICATION SATELLITES
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 . . . COSMOS 1135 SATELLITE
 . . EARTH SATELLITES
 . . COMMUNICATION SATELLITES
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 SOVIET SPACECRAFT
 . COSMOS SATELLITES
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COSMOS 1136 SATELLITE
 GS SATELLITES
 . ARTIFICIAL SATELLITES
 . . COMMUNICATION SATELLITES
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 . . COSMOS SATELLITES
 . . . COSMOS 1136 SATELLITE
 . . EARTH SATELLITES
 . . COMMUNICATION SATELLITES
 . . . COSMOS 1136 SATELLITE
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 . . . COSMOS 1136 SATELLITE
 SOVIET SPACECRAFT
 . COSMOS SATELLITES
 . . COSMOS 1136 SATELLITE

COSMOS 1137 SATELLITE
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 . . EARTH SATELLITES
 . . COMMUNICATION SATELLITES
 . . . COSMOS 1137 SATELLITE
 . . COSMOS SATELLITES
 . . . COSMOS 1137 SATELLITE
 SOVIET SPACECRAFT
 . COSMOS SATELLITES
 . . COSMOS 1137 SATELLITE

COSPAR (COMMITTEE)
 USE COMMITTEE ON SPACE RESEARCH

COSSERAT SURFACES
 RT FLAT SURFACES
 ∞ SURFACE GEOMETRY
 SURFACE PROPERTIES
 ∞ SURFACES

COST ANALYSIS
 RT ∞ ANALYZING
 BUDGETING
 COMPARISON
 COSTS
 DESIGN TO COST
 ECONOMIC ANALYSIS
 FEASIBILITY
 FEASIBILITY ANALYSIS
 FINANCIAL MANAGEMENT
 LIFE CYCLE COSTS
 MANAGEMENT
 MANAGEMENT ANALYSIS
 MANAGEMENT PLANNING
 OPTICAL TRANSFER FUNCTION
 PRODUCTION COSTS
 VALUE ENGINEERING
 WAGE SURVEYS

COST EFFECTIVENESS
 GS EFFECTIVENESS
 . COST EFFECTIVENESS
 RT ALLOCATIONS
 BUDGETING
 LIFE CYCLE COSTS

COST ESTIMATES
 GS ESTIMATES
 . COST ESTIMATES
 RT AIRPLANE PRODUCTION COSTS
 APPROPRIATIONS
 BUDGETING
 COSTS

COST ESTIMATES-(CONT.)
 ECONOMIC ANALYSIS
 ECONOMY
 ∞ ESTIMATORS
 FEDERAL BUDGETS
 FINANCIAL MANAGEMENT
 MANAGEMENT
 PRODUCTION COSTS
 VALUE ENGINEERING
 WAGE SURVEYS

COST INCENTIVES
 RT EFFICIENCY
 INCENTIVE TECHNIQUES
 MANAGEMENT
 VALUE ENGINEERING

COST REDUCTION
 RT COMMONALITY (EQUIPMENT)
 EFFICIENCY
 INCENTIVE TECHNIQUES
 MANAGEMENT
 MANAGEMENT METHODS
 MANAGEMENT PLANNING
 VALUE ENGINEERING
 WAGE SURVEYS

COSTA RICA
 RT CENTRAL AMERICA
 NATIONS

COSTS
 GS COSTS
 . AIRCRAFT PRODUCTION COSTS
 . . AIRPLANE PRODUCTION COSTS
 . FREIGHT COSTS
 . LIFE CYCLE COSTS
 . LOW COST
 . OPERATING COSTS
 RT AIRCRAFT PRODUCTION
 COMMERCE
 COST ANALYSIS
 COST ESTIMATES
 DAMAGE ASSESSMENT
 DESIGN TO COST
 ECONOMIC ANALYSIS
 ECONOMIC FACTORS
 ECONOMIC IMPACT
 ECONOMICS
 EFFICIENCY
 ESTIMATING
 EVALUATION
 FEASIBILITY
 FINANCIAL MANAGEMENT
 GROSS NATIONAL PRODUCT
 REVENUE
 TASK COMPLEXITY
 TASKS
 VALUE

COTTON
 GS FARM CROPS
 . COTTON
 RT BOLL WEEVILS
 BOLLWORMS
 CLOTHING
 CORDAGE
 EARTH RESOURCES
 FABRICS
 FIBERS
 PLANTS (BOTANY)
 TEXTILES
 YARNS

COTTON FIBERS
 GS CLOTHING
 . COTTON FIBERS
 FIBERS
 . COTTON FIBERS
 TEXTILES
 . COTTON FIBERS
 RT CREPE
 ORGANIC MATERIALS

COUCHES
 RT BEDS
 CUSHIONS
 HARNESSSES
 PILLOWS
 SEATS
 SPACECRAFT ENVIRONMENTS

COUETTE FLOW
 GS FLUID FLOW
 . STEADY FLOW
 . . COUETTE FLOW

COUNTER-ROTATING WHEELS

COUETTE FLOW-(CONT.)
 . TWO DIMENSIONAL FLOW
 . . COUETTE FLOW
 . VISCIOUS FLOW
 . . COUETTE FLOW
 RT ANNULAR FLOW
 AXISYMMETRIC FLOW
 HARTMANN FLOW
 ROTATING CYLINDERS

COUGAR AIRCRAFT
 USE F-9 AIRCRAFT

COUGH
 GS REFLEXES
 . RESPIRATORY REFLEXES
 . . COUGH
 SIGNS AND SYMPTOMS
 . COUGH
 RT EXPELLANTS

COULEES
 USE CANYONS

COULOMB COLLISIONS
 GS COLLISIONS
 . COULOMB COLLISIONS
 RT CHARGED PARTICLES

COULOMB POTENTIAL
 GS POTENTIAL ENERGY
 . ELECTRIC POTENTIAL
 . . COULOMB POTENTIAL
 RT CHARGED PARTICLES
 COULOMETRY
 ELECTRIC FIELD STRENGTH
 ELECTRIC FIELDS
 ∞ POTENTIAL

COULOMETERS
 GS MEASURING INSTRUMENTS
 . COULOMETERS
 RT AMMETERS
 CHEMICAL ANALYSIS
 COULOMETRY
 ELECTRICAL MEASUREMENT
 ELECTROCHEMISTRY
 ELECTRODEPOSITION
 ELECTROLYSIS
 TITRATION
 VOLTMETERS

COULOMETRY
 GS ELECTRICAL MEASUREMENT
 . COULOMETRY
 ELECTROCHEMISTRY
 . ELECTROLYSIS
 . . COULOMETRY
 RT COULOMB POTENTIAL
 COULOMETERS

COUNTDOWN
 GS PREFLIGHT OPERATIONS
 . COUNTDOWN
 SCHEDULES
 . COUNTDOWN
 RT CHECKOUT
 CREW PROCEDURES (PREFLIGHT)
 LAUNCHING
 PRELAUNCH PROBLEMS
 PRELAUNCH TESTS
 SPACE VEHICLE CHECKOUT PROGRAM
 SPACECRAFT LAUNCHING
 WINDOWS (INTERVALS)

COUNTER ROTATION
 GS GYRATION
 . ROTATION
 . . COUNTER ROTATION
 RT BOUNDARY VALUE PROBLEMS
 COUNTER-ROTATING WHEELS
 COUNTERFLOW
 ROTATING DISKS
 ROTATING FLUIDS

COUNTER-ROTATING WHEELS
 UF INERTIA WHEELS
 GS WHEELS
 . COUNTER-ROTATING WHEELS
 RT COUNTER ROTATION
 FLYWHEELS
 GEARS
 MECHANICAL DRIVES
 REACTION WHEELS

COUNTERBALANCES

COUNTERBALANCES

RT AIRCRAFT STABILITY
BALLAST (MASS)
DYNAMIC STABILITY
MASS DISTRIBUTION
SPACECRAFT STABILITY
STATIC STABILITY

COUNTERFLOW

GS FLUID FLOW
 . COUNTERFLOW
RT AXIAL FLOW
COUNTER ROTATION
HEAT EXCHANGERS
HEAT TRANSFER
TRAPPED VORTEXES
TURBULENT DIFFUSION
TURBULENT FLOW
VORTICES

COUNTERMEASURES

GS COUNTERMEASURES
 . BALLISTIC MISSILE DECOYS
 . ELECTRONIC COUNTERMEASURES
 . . ANTIRADAR COATINGS
 . . CHAFF
 . JAMMING
 . OPTICAL COUNTERMEASURES
 . REENTRY DECOYS
RT ANTIRADIATION MISSILES
BLUE GOOSE MISSILE
DECOYS
PROTECTION
QUAIL MISSILE
RADAR ABSORBERS
TARGET MASKING
TORPEDOES

COUNTERS

UF DEKATRONS
GAS DISCHARGE COUNTERS
PULSE RECORDERS
QUANTIZER
GS MEASURING INSTRUMENTS
 . COUNTERS
 . . RADIATION COUNTERS
 . . . CERENKOV COUNTERS
 . . . ELECTRON COUNTERS
 . . . GEIGER COUNTERS
 . . . NEUTRON COUNTERS
 NEUTRON SPECTROMETERS
 . . . PARTICLE TELESCOPES
 . . . PROPORTIONAL COUNTERS
 . . . QUANTUM COUNTERS
 . . . SCINTILLATION COUNTERS
 . . . SPARK CHAMBERS
RT ACCUMULATORS (COMPUTERS)
COMPUTER COMPONENTS
COUNTING
COUNTING CIRCUITS
DATA RECORDERS
IONIZATION CHAMBERS
MONITORS
RECORDING INSTRUMENTS

COUNTERSINKING

RT GRINDING (MATERIAL REMOVAL)
METAL CUTTING

COUNTING

RT COUNTERS
DATA ACQUISITION
ENUMERATION
ESTIMATING
∞ MEASUREMENT
NUMBERS
OBSERVATION
REPETITION
SAMPLING

COUNTING CIRCUITS

GS CIRCUITS
 . COUNTING CIRCUITS
 . . SCALERS
RT COUNTERS
LOGIC CIRCUITS

COUNTING RATE COMPUTERS

GS DATA PROCESSING EQUIPMENT
 . COMPUTERS
 . . COUNTING RATE COMPUTERS

COUPLED MODES

GS MODES
 . COUPLED MODES

COUPLED MODES-(CONT.)

RT CHEMICAL BONDS
COUPLES
COUPLINGS
CROSSLINKING
POLYMERIZATION
STRONGLY COUPLED PLASMAS
UNCOUPLED MODES

COUPLERS

SN (EXCLUDES MECHANICAL DEVICE)
GS COUPLERS
 . ANTENNA COUPLERS
 . . COUPLING CIRCUITS
 . . . DIPLEXERS
RT ANTENNA COMPONENTS
COUPLING
COUPLINGS
IMPEDANCE MATCHING
YOKES

COUPLES

GS COUPLING
 . COUPLES
RT ANTENNA COUPLERS
COUPLED MODES
COUPLING CIRCUITS
CROSS COUPLING
DIPLEXERS
OPTICAL COUPLING
SPIN-SPIN COUPLING
UNCOUPLED MODES
YOKES

COUPLING

SN (FOR MECHANICAL DEVICES, USE
CCUPLINGS)
GS COUPLING
 . COUPLES
 . CROSS COUPLING
 . GYROSCOPIC COUPLING
 . MICROWAVE COUPLING
 . OPTICAL COUPLING
 . SPIN-SPIN COUPLING
 . THERMODYNAMIC COUPLING
RT ANTENNA COUPLERS
CLEBSCH-GORDAN COEFFICIENTS
COUPLERS
COUPLINGS
DECOUPLING
LINKAGES
MECHANICAL DRIVES
RACAH COEFFICIENT
WAVE INTERACTION

COUPLING CIRCUITS

GS CIRCUITS
 . COUPLING CIRCUITS
 . COUPLERS
 . . ANTENNA COUPLERS
 . . . COUPLING CIRCUITS
RT COUPLES
CROSS COUPLING
ENERGY TRANSFER
IMPEDANCE MATCHING
∞ NETWORKS
RC CIRCUITS
RL CIRCUITS
TRANSFORMERS

COUPLING COEFFICIENTS

GS COEFFICIENTS
 . COUPLING COEFFICIENTS
RT FORM FACTORS
MAGNETIC INDUCTION
TRANSFER FUNCTIONS

COUPLINGS

RT ANCHORS (FASTENERS)
BOLTS
CLIPS
CLOSURES
CONNECTORS
COUPLED MODES
COUPLERS
COUPLING
FASTENERS
FITTINGS
∞ JOINING
JOINTS (JUNCTIONS)
LINKAGES
MECHANICAL DRIVES
PINS
RIVETS
SCREWS

COUPLINGS-(CONT.)

SLEEVES
SPLINES
TRAILERS
UNIONS (CONNECTORS)

COURIER AIRCRAFT

USE U-10 AIRCRAFT

COURIER SATELLITE

GS SATELLITES
 . ARTIFICIAL SATELLITES
 . . COURIER SATELLITE
 . . . EARTH SATELLITES
 . . . COURIER SATELLITE
RT ADVENT PROJECT

COURSES

USE PATHS

COVALENCE

RT CHEMICAL BONDS
COVALENT BONDS

COVALENT BONDS

GS CHEMICAL BONDS
 . COVALENT BONDS
RT COVALENCE

COVARIANCE

GS STATISTICAL ANALYSIS
 . VARIANCE (STATISTICS)
 . . MULTIVARIATE STATISTICAL
 ANALYSIS
 . . . COVARIANCE
RT CORRELATION
EXPERIMENTAL DESIGN
FACTOR ANALYSIS
ORTHOGONALITY
QUALITY CONTROL
REGRESSION ANALYSIS
SIGNIFICANCE
VARIABILITY

COVERALLS

GS CLOTHING
 . COVERALLS
RT FLIGHT CLOTHING
PROTECTIVE CLOTHING

COVERINGS

RT CAMOUFLAGE
∞ CAPS
 . CASING
 . CLOSURES
 . COATINGS
 . ELECTROSTATIC BONDING
 . ENCLOSURES
∞ ENVELOPES
GUARDS (SHIELDS)
HOUSINGS
JACKETS
MASKING
PRESERVING
SEALING
SHELLS (STRUCTURAL FORMS)
SHROUDS
SPHERICAL CAPS

COVES

USE BAYS (TOPOGRAPHIC FEATURES)

COWELL METHOD

USE NUMERICAL INTEGRATION

COWLINGS

GS HOUSINGS
 . COWLINGS
RT AIR INTAKES
FAIRINGS
NACELLES
PODS (EXTERNAL STORES)
PROTUBERANCES
SHELLS (STRUCTURAL FORMS)

CRAB NEBULA

GS CELESTIAL BODIES
 . NEBULAE
 . . CRAB NEBULA
RT ORION NEBULA
SUPERNOVAE
TAURUS CONSTELLATION

CRABS

GS ANIMALS
 . INVERTEBRATES
 . . ARTHROPODS
 . . . **CRABS**

CRACK CLOSURE

RT BRITTLENESS
 CRACKING (FRACTURING)
 CRACKS
 ELBER EQUATION
 FATIGUE (MATERIALS)
 FRACTOGRAPHY
 FRACTURE MECHANICS
 FRACTURE STRENGTH
 FRACTURING
 GRIFFITH CRACK
 METAL FATIGUE
 MICROCRACKS
 STRESS CORROSION CRACKING
 SURFACE CRACKS

CRACK FORMATION

USE CRACK INITIATION

CRACK GEOMETRY

GS GEOMETRY
 . **CRACK GEOMETRY**
 RT CAVITIES
 CRACKS
 FATIGUE (MATERIALS)
 FRACTOGRAPHY
 MICROCRACKS
 SURFACE CRACKS
 VOIDS

CRACK INITIATION

UF CRACK FORMATION
 RT BRITTLENESS
 CRACKS
 CRITICAL LOADING
 FRACTURE MECHANICS
 FRACTURE STRENGTH
 J INTEGRAL
 METAL FATIGUE
 METAL SURFACES
 MICROCRACKS
 STRESS CONCENTRATION
 STRESS CORROSION CRACKING
 STRESS INTENSITY FACTORS
 SURFACE CRACKS
 SURFACE DEFECTS
 TOUGHNESS

CRACK PROPAGATION

GS PROPAGATION (EXTENSION)
 . **CRACK PROPAGATION**
 RT ACOUSTIC EMISSION
 BRITTLENESS
 COFFIN-MANSON LAW
 CRACKING (FRACTURING)
 CRACKS
 FATIGUE (MATERIALS)
 FRACTOGRAPHY
 FRACTURE MECHANICS
 FRACTURE STRENGTH
 FRACTURING
 GRIFFITH CRACK
 J INTEGRAL
 METAL FATIGUE
 PLANE STRAIN
 ∞ PROPAGATION
 ∞ RESISTANCE
 STRESS CORROSION CRACKING
 STRESS INTENSITY FACTORS
 SURFACE CRACKS

CRACKING (CHEMICAL ENGINEERING)

GS CHEMICAL REACTIONS
 . **CRACKING (CHEMICAL ENGINEERING)**
 . . PYROLYSIS
 DECOMPOSITION
 . **CRACKING (CHEMICAL ENGINEERING)**
 RT AMMONOLYSIS
 CATALYSIS
 CATALYTIC ACTIVITY
 CHEMICAL ENGINEERING
 COAL GASIFICATION
 ELECTROLYSIS
 HYDROCARBONS
 HYDROGENOLYSIS
 HYDROLYSIS
 NITROLYSIS
 ORGANIC CHEMISTRY
 PHOTOLYSIS

CRACKING (CHEMICAL ENGINEERING)-(CONT.)

THERMAL DISSOCIATION

CRACKING (FRACTURING)

GS **CRACKING (FRACTURING)**
 . STRESS CORROSION CRACKING
 RT BRITTLE MATERIALS
 BRITTLENESS
 CRACK CLOSURE
 CRACK PROPAGATION
 CRACKS
 DESTRUCTION
 FAILURE
 FATIGUE (MATERIALS)
 FRACTURING
 J INTEGRAL
 RUPTURING
 STRESS CONCENTRATION
 STRESS CORROSION
 STRESS INTENSITY FACTORS
 STRUCTURAL FAILURE
 STRUCTURAL STRAIN
 TEMPERATURE INVERSIONS

CRACKS

UF CREVICES
 GS **CRACKS**
 . MICROCRACKS
 . SURFACE CRACKS
 RT CAVITIES
 CRACK CLOSURE
 CRACK GEOMETRY
 CRACK INITIATION
 CRACK PROPAGATION
 CRACKING (FRACTURING)
 DEFECTS
 ELBER EQUATION
 FAILURE MODES
 FATIGUE (MATERIALS)
 FRACTURES (MATERIALS)
 INTERSTICES
 LEAKAGE
 OPENINGS
 STRESSES
 TEMPERATURE INVERSIONS
 ULTRASONIC SPECTROSCOPY

CRAFT

USE VEHICLES

CRAMPS

RT EPILEPSY
 MUSCULAR FUNCTION
 SEIZURES

CRAMPTON TEST

GS PHYSIOLOGICAL TESTS
 . **CRAMPTON TEST**
 RT BLOOD PRESSURE
 PHYSICAL FITNESS
 SUPINE POSITION

CRANES

SN (EXCLUDES BIRDS)
 GS HANDLING EQUIPMENT
 . **CRANES**
 . . GANTRY CRANES
 RT BOOMS (EQUIPMENT)
 CONVEYORS
 ∞ LIFTS
 LOGISTICS
 MATERIALS HANDLING
 TOWERS
 WINCHES

CRANIUM

GS ANATOMY
 . HEAD (ANATOMY)
 . . SKULL
 . . . **CRANIUM**
 INTRACRANIAL CAVITY
 MUSCULOSKELETAL SYSTEM
 . . BONES
 . . . SKULL
 **CRANIUM**
 INTRACRANIAL CAVITY
 RT INTERCRANIAL CIRCULATION

CRANKS

USE ECCENTRICS

CRASH INJURIES

GS INJURIES
 . **CRASH INJURIES**

CRASH INJURIES-(CONT.)

RT ACCIDENTS
 BURNS (INJURIES)
 HAZARDS
 WHIPLASH INJURIES

CRASH LANDING

GS CRASHES
 . **CRASH LANDING**
 . . DITCHING (LANDING)
 LANDING
 . AIRCRAFT LANDING
 . . **CRASH LANDING**
 . . . DITCHING (LANDING)
 RT AIRCRAFT ACCIDENTS
 AIRCRAFT HAZARDS
 AIRCRAFT SAFETY
 AIRCRAFT SPIN
 ARRESTING GEAR
 CRASHWORTHINESS
 FLIGHT HAZARDS
 GLIDE LANDINGS
 HARD LANDING
 HORIZONTAL SPACECRAFT LANDING
 LUNAR LANDING
 PILOT ERROR
 PLANETARY LANDING
 SKID LANDINGS
 SOFT LANDING
 SPACECRAFT LANDING
 WATER LANDING

CRASHES

GS **CRASHES**
 . CRASH LANDING
 . . DITCHING (LANDING)
 RT ACCIDENTS
 AIR BAG RESTRAINT DEVICES
 AIRCRAFT ACCIDENTS
 AIRCRAFT HAZARDS
 AIRCRAFT SAFETY
 COLLISIONS
 CRASHWORTHINESS
 ENCOUNTERS
 FLIGHT HAZARDS
 FLIGHT SAFETY
 HIGHWAYS
 MIDAIR COLLISIONS
 PILOT ERROR
 SAFETY
 WRECKAGE

CRASHWORTHINESS

RT AIRCRAFT ACCIDENTS
 AIRCRAFT LANDING
 AIRCRAFT SAFETY
 CRASH LANDING
 CRASHES
 FLIGHT SAFETY
 IMPACT RESISTANCE

CRATERING

GS **CRATERING**
 . PROJECTILE CRATERING
 RT CRATERS
 EJECTA
 IMPACT DAMAGE
 MARS CRATERS
 METEORITE CRATERS
 METEORITIC DAMAGE
 NUCLEAR EXPLOSIONS

CRATERS

UF MAARS
 GS METEOR CRATERS
CRATERS
 . LUNAR CRATERS
 . . PTOLEMAEUS CRATER
 . . TYCHO CRATER
 . METEORITE CRATERS
 . PLANETARY CRATERS
 . . MARS CRATERS
 RT CALDERAS
 CONES (VOLCANOES)
 CRATERING
 EJECTA
 IMPACT DAMAGE
 SATELLITE SURFACES

CRATONS

RT CONTINENTS
 EARTH CRUST
 EARTH SURFACE
 OCEAN BOTTOM

CRAWLER TRACTORS

CRAWLER TRACTORS

- GS SURFACE VEHICLES
 - . MOTOR VEHICLES
 - . . . TRACTORS
 - **CRAWLER TRACTORS**
- RT ELECTRIC MOTOR VEHICLES
 - GROUND SUPPORT EQUIPMENT
 - HANDLING EQUIPMENT
 - LUNAR SURFACE VEHICLES
 - MANNED LUNAR SURFACE VEHICLES
 - TRACKED VEHICLES
 - ∞ TRANSPORT VEHICLES
 - ∞ VEHICLES

CRAYONS

- RT ∞ MARKERS
 - TEMPERATURE MEASUREMENT

CRAZING

- USE SURFACE CRACKS

CREATINE

- GS CRYSTALS
 - . **CREATINE**
- RT JUICES

CREATININE

- RT DISEASES
 - URINE

CREATION

- USE CREATIVITY

CREATIVITY

- UF CREATION
- RT ARTS
 - EDUCATION
 - MORALE

CREEP ANALYSIS

- RT ∞ ANALYZING
 - STRESS ANALYSIS
 - STRESS RELAXATION
 - STRUCTURAL ANALYSIS

CREEP BUCKLING

- GS BUCKLING
 - . **CREEP BUCKLING**

CREEP DIAGRAMS

- GS DIAGRAMS
 - . **CREEP DIAGRAMS**
- RT STRESS RELAXATION
 - STRESS-STRAIN-TIME RELATIONS

CREEP PROPERTIES

- GS MECHANICAL PROPERTIES
 - . **CREEP PROPERTIES**
 - . . SHEAR CREEP
 - . . STEADY STATE CREEP
 - . . TENSILE CREEP
- RT ANELASTICITY
 - DEFORMATION
 - DIMENSIONAL STABILITY
 - DUCTILITY
 - FATIGUE (MATERIALS)
 - ∞ FLOW
 - ∞ PLASTIC DEFORMATION
 - ∞ PLASTIC FLOW
 - RESIDUAL STRESS
 - SHEAR FLOW
 - SHEAR PROPERTIES
 - STATIC DEFORMATION
 - STRESS RELAXATION
 - STRESSES
 - STRUCTURAL FAILURE
 - SUPERPLASTICITY
 - TEMPERATURE INVERSIONS

CREEP RESISTANCE

- USE CREEP STRENGTH

CREEP RUPTURE STRENGTH

- UF STRESS RUPTURE STRENGTH
- GS MECHANICAL PROPERTIES
 - . **CREEP RUPTURE STRENGTH**
- RT FRACTURE STRENGTH
 - J INTEGRAL
 - ∞ STRENGTH

CREEP STRENGTH

- UF CREEP RESISTANCE
- GS MECHANICAL PROPERTIES
 - . **CREEP STRENGTH**

CREEP STRENGTH-(CONT.)

- RT ∞ RESISTANCE
 - ∞ STRENGTH

CREEP TESTS

- RT COMPRESSION TESTS
 - FATIGUE TESTS
 - LOAD TESTS
 - PLASTIC DEFORMATION
 - STATIC TESTS

CREPE

- GS FABRICS
 - . **CREPE**
- RT COTTON FIBERS
 - SILK

CRESOLS

- GS HYDROXYL COMPOUNDS
 - . ALCOHOLS
 - . . PHENOLS
 - . . . **CRESOLS**

CRESTRONS

- USE TRAVELING WAVE TUBES

CRESTS

- USE WAVES

CREVASSES

- GS **CREVASSES**
 - . GLACIERS
- RT EARTH MOVEMENTS
 - GEOLOGICAL FAULTS
 - RECESSES
 - SEAMOUNTS

CREVICES

- USE CRACKS

CREW EXPERIMENT STATIONS

- GS STATIONS
 - . CREW STATIONS
 - . . **CREW EXPERIMENT STATIONS**
- RT ASTRONAUTS
 - COMPARTMENTS
 - COSMONAUTS
 - CREWS
 - PERSONNEL
 - SPACECRAFT CABINS
 - SPACECREWS

CREW OBSERVATION STATIONS

- GS STATIONS
 - . CREW STATIONS
 - . . **CREW OBSERVATION STATIONS**
- RT ASTRONAUTS
 - COMPARTMENTS
 - COSMONAUTS
 - CREWS
 - PERSONNEL
 - SPACECRAFT CABINS
 - SPACECREWS

CREW PROCEDURES (INFLIGHT)

- GS FLIGHT OPERATIONS
 - . **CREW PROCEDURES (INFLIGHT)**
 - PROCEDURES
 - . **CREW PROCEDURES (INFLIGHT)**
- RT DISPLAY DEVICES
 - FLIGHT CREWS
 - IN-FLIGHT MONITORING
 - SPACECREWS
 - TASKS
 - ∞ TESTS

CREW PROCEDURES (PREFLIGHT)

- GS PROCEDURES
 - . **CREW PROCEDURES (PREFLIGHT)**
- RT COUNTDOWN
 - DISPLAY DEVICES
 - FLIGHT CREWS
 - FLIGHT OPERATIONS
 - GROUND HANDLING
 - GROUND TESTS
 - IN-FLIGHT MONITORING
 - ONBOARD EQUIPMENT
 - PREFLIGHT OPERATIONS
 - PRELAUNCH TESTS
 - SPACECRAFT CONTROL
 - SPACECREWS
 - TASKS
 - ∞ TESTS

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CREW SIZE

- RT FLIGHT CREWS

CREW STATIONS

- GS STATIONS
 - . **CREW STATIONS**
 - . . CREW EXPERIMENT STATIONS
 - . . CREW OBSERVATION STATIONS
 - . . CREW WORK STATIONS
- RT ASTRONAUTS
 - COMPARTMENTS
 - COSMONAUTS
 - CREWS
 - HELMET MOUNTED DISPLAYS
 - PERSONNEL
 - SPACECRAFT CABINS
 - SPACECREWS

CREW WORK STATIONS

- GS STATIONS
 - . CREW STATIONS
 - . . **CREW WORK STATIONS**
- RT ASTRONAUTS
 - COMPARTMENTS
 - COSMONAUTS
 - CREWS
 - PERSONNEL
 - SPACECRAFT CABINS
 - SPACECREWS

CREWS

- GS PERSONNEL
 - . **CREWS**
 - . . FLIGHT CREWS
 - . . . SPACECREWS
- RT ASTRONAUTS
 - COSMONAUTS
 - CREW EXPERIMENT STATIONS
 - CREW OBSERVATION STATIONS
 - CREW STATIONS
 - CREW WORK STATIONS
 - FLIGHT NURSES
 - PILOTS (PERSONNEL)

CRICKETS

- GS ANIMALS
 - . INVERTEBRATES
 - . . ARTHROPODS
 - . . . INSECTS
 - **CRICKETS**
 - BEETLES
 - TRIBOLIA

CRIMPING

- USE FOLDING

CRITERIA

- GS CRITERIA
 - . STRUCTURAL DESIGN CRITERIA
- RT EVALUATION
 - FIGURE OF MERIT
 - ∞ MEASURES
 - STANDARDS

CRITICAL EXPERIMENTS

- RT EXPERIMENTATION
 - NUCLEAR FISSION
 - NUCLEAR REACTIONS

CRITICAL FLICKER FUSION

- UF FLICKER FUSION FREQUENCY
- GS PERCEPTION
 - . SENSORY PERCEPTION
 - . . VISUAL PERCEPTION
 - . . . **CRITICAL FLICKER FUSION**
- RT AFTERIMAGES
 - FLICKER

CRITICAL FLOW

- GS FLUID FLOW
 - . **CRITICAL FLOW**
- RT FLOW CHARACTERISTICS
 - GAS FLOW
 - LAMINAR FLOW
 - LIQUID FLOW
 - MULTIPHASE FLOW
 - ORIFICE FLOW
 - PIPE FLOW
 - PRESSURE GRADIENTS
 - SINGLE-PHASE FLOW
 - STEADY FLOW
 - STEAM FLOW
 - SUBCRITICAL FLOW
 - SUPERCRITICAL FLOW

CRITICAL FLOW-(CONT.)
TURBULENT FLOW
UNSTEADY FLOW**CRITICAL FREQUENCIES**

GS FREQUENCIES
 . **CRITICAL FREQUENCIES**
 RT LIGHT (VISIBLE RADIATION)
 RESONANT FREQUENCIES

CRITICAL LOADING

SN (LIMITED TO FORCE LOADS)
 UF CRITICAL STRESS
 GS LOADS (FORCES)
 . **CRITICAL LOADING**
 STRESSES
 . **CRITICAL LOADING**
 RT AERODYNAMIC LOADS
 CRACK INITIATION
 DYNAMIC LOADS
 PROPORTIONAL LIMIT
 SHALLOW SHELLS
 STATIC LOADS

CRITICAL MACH NUMBER

USE CRITICAL VELOCITY
 MACH NUMBER

CRITICAL MASS

GS MASS
 . **CRITICAL MASS**
 RT NUCLEAR FISSION
 NUCLEAR FUEL BURNUP
 NUCLEAR REACTIONS
 PLASMA CORE REACTORS
 SUBCRITICAL MASS

CRITICAL PATH METHOD

GS NETWORK ANALYSIS
 . **CRITICAL PATH METHOD**
 RT ∞ CONTROL
 DYNAMIC PROGRAMMING
 ESTIMATING
 GERT
 MANAGEMENT METHODS
 ∞ METHODOLOGY
 MISSION PLANNING
 OPERATIONS RESEARCH
 ∞ PATHS
 PERT
 PLANNING
 PROGRAM TREND LINE ANALYSIS
 PROGRAMMING (SCHEDULING)
 PROJECT MANAGEMENT
 RESEARCH
 SEQUENCING
 SNEAK CIRCUIT ANALYSIS
 SYSTEMS ENGINEERING

CRITICAL POINT

GS THERMODYNAMIC PROPERTIES
 . THERMOPHYSICAL PROPERTIES
 . . **CRITICAL POINT**
 RT MAYER PROBLEM

CRITICAL PRESSURE

GS PRESSURE
 . **CRITICAL PRESSURE**
 THERMODYNAMIC PROPERTIES
 . THERMOPHYSICAL PROPERTIES
 . . **CRITICAL PRESSURE**
 RT HIGH PRESSURE
 LIQUID PHASES
 SUPERCRITICAL PRESSURES
 VAPOR PHASES

CRITICAL REYNOLDS NUMBER

USE CRITICAL VELOCITY
 REYNOLDS NUMBER

CRITICAL SPEED

USE CRITICAL VELOCITY

CRITICAL STRESS

USE CRITICAL LOADING

CRITICAL TEMPERATURE

GS TEMPERATURE
 . **CRITICAL TEMPERATURE**
 THERMODYNAMIC PROPERTIES
 . THERMOPHYSICAL PROPERTIES
 . . **CRITICAL TEMPERATURE**
 RT HEAT TREATMENT
 METALLIC HYDROGEN

CRITICAL TEMPERATURE-(CONT.)

NONCONDENSABLE GASES
 PHASE DIAGRAMS
 PHASE TRANSFORMATIONS
 ULTRALOW TEMPERATURES

CRITICAL VELOCITY

UF CRITICAL MACH NUMBER
 CRITICAL REYNOLDS NUMBER
 CRITICAL SPEED
 GS RATES (PER TIME)
 . **CRITICAL VELOCITY**
 VELOCITY
 RT . **CRITICAL VELOCITY**
 EXHAUST VELOCITY
 RESONANT FREQUENCIES
 TIP SPEED

CROCCO METHOD

RT AXISYMMETRIC FLOW
 BOUNDARY LAYERS
 COMPRESSIBLE FLOW
 COMPRESSIBLE FLUIDS
 ENTROPY
 INVISCID FLOW
 ∞ METHODOLOGY
 SHOCK WAVE PROPAGATION
 STEADY FLOW
 VORTICITY

CROCCO-LEE THEORY

RT BOUNDARY LAYER SEPARATION
 CONTINUITY EQUATION
 GAS FLOW
 INVISCID FLOW
 MASS FLOW
 MULTIPHASE FLOW
 REATTACHED FLOW
 SEPARATED FLOW
 ∞ THEORIES

CROLOY

GS ALLOYS
 . IRON ALLOYS
 . . STEELS
 . . . **CROLOY**

CROP CALENDARS

GS CALENDARS
 . **CROP CALENDARS**
 RT ∞ CROPS
 FARM CROPS
 GROWTH
 SCHEDULING
 SEASONS

CROP DUSTING

GS SPRAYING
 . **CROP DUSTING**
 RT AEROSOLS
 AGRICULTURAL AIRCRAFT
 AGRICULTURE
 DISPERSIONS
 FARM CROPS
 PESTICIDES
 POWDER (PARTICLES)

CROP GROWTH

GS GROWTH
 . **CROP GROWTH**
 RT AGRICULTURE
 ALFALFA
 BARLEY
 BLIGHT
 CITRUS TREES
 CORN
 ∞ CROPS
 EARTH RESOURCES
 FARM CROPS
 FARMLANDS
 GERMINATION
 GRASSLANDS
 LARGE AREA CROP INVENTORY
 EXPERIMENT
 OATS
 ORCHARDS
 PHOTOSYNTHESIS
 PLANT STRESS
 PLANTS (BOTANY)
 SUGAR BEETS
 SUGAR CANE
 THERMAL RESOURCES
 VINEYARDS
 WHEAT

CROP IDENTIFICATION

GS IDENTIFYING
 . **CROP IDENTIFICATION**
 RT AGRICULTURE
 ∞ CROPS
 EARTH RESOURCES
 EVALUATION
 FARMLANDS
 GROUND TRUTH
 IMAGING TECHNIQUES
 MULTISPECTRAL PHOTOGRAPHY
 RECOGNITION
 REMOTE SENSORS
 ∞ SENSORS
 SORGHUM
 SPECTRAL SIGNATURES
 SPOT (FRENCH SATELLITE)
 SUNFLOWERS
 TIMBER IDENTIFICATION

CROP INVENTORIES

GS INVENTORIES
 . **CROP INVENTORIES**
 RT AGRICULTURE
 AGRISTARS PROJECT
 FARM CROPS
 FARMLANDS
 LARGE AREA CROP INVENTORY
 EXPERIMENT
 REMOTE SENSORS

CROP INVENTORIES BY REMOTE SENSING

USE AGRISTARS PROJECT

CROP VIGOR

RT AGRICULTURE
 ALFALFA
 BARLEY
 BLIGHT
 CITRUS TREES
 FARM CROPS
 FARMLANDS
 IRRIGATION
 OATS
 ORCHARDS
 PHOTOTROPISM
 PLANT STRESS
 PLANTS (BOTANY)
 SUGAR BEETS
 SUGAR CANE
 THERMAL RESOURCES
 VEGETATION GROWTH
 VIABILITY
 VINEYARDS
 WHEAT

CROPLANDS

USE FARMLANDS

∞ CROPS

SN *(USE OF A MORE SPECIFIC TERM IS
 RECOMMENDED-CONSULT THE TERMS
 LISTED BELOW)*
 RT AGRICULTURE
 ALFALFA
 BARLEY
 BIOMASS ENERGY PRODUCTION
 CITRUS TREES
 CORN
 CROP CALENDARS
 CROP GROWTH
 CROP IDENTIFICATION
 FARM CROPS
 FARMLANDS
 FROST DAMAGE
 LARGE AREA CROP INVENTORY
 EXPERIMENT
 ORCHARDS
 PLANTING
 SORGHUM
 SUNFLOWERS
 VINEYARDS
 WHEAT

CROSS CORRELATION

GS CORRELATION
 . **CROSS CORRELATION**
 RT AUTOCORRELATION
 DATA CORRELATION

CROSS COUPLING

GS COUPLING
 . **CROSS COUPLING**
 RT COMMUNICATION THEORY
 COUPLES

CROSS FAULTS

CROSS COUPLING-(CONT.)

COUPLING CIRCUITS
MICROWAVE COUPLING
OPTICAL COUPLING
RADIO FREQUENCY INTERFERENCE

CROSS FAULTS

USE GEOLOGICAL FAULTS

CROSS FLOW

GS FLUID FLOW
. CROSS FLOW
RT AERODYNAMIC CHARACTERISTICS
∞ FLOW
FLOW CHARACTERISTICS
FLOW GEOMETRY
FLUID DYNAMICS
SPANWISE BLOWING
WATER TUNNEL TESTS

CROSS POLARIZATION

GS POLARIZATION (WAVES)
. CROSS POLARIZATION
RT OPTICAL COUPLING
OPTICAL PROPERTIES
POLARIZED ELECTROMAGNETIC RADIATION
POLARONS
ROTATION

CROSS RELAXATION

RT MASERS
∞ RELAXATION
RUTILE
SPIN-SPIN COUPLING

∞ CROSS SECTIONS

SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)*
RT ABSORPTION CROSS SECTIONS
AIRFOIL PROFILES
AREA
ATOMIC COLLISIONS
COLLISION PARAMETERS
DISTRIBUTION (PROPERTY)
DRAWINGS
GEOMETRY
GRADIENTS
IONIZATION CROSS SECTIONS
MEAN FREE PATH
PLANFORMS
RADAR CROSS SECTIONS
SCATTERING CROSS SECTIONS
SHAPES
STOPPING POWER
SURVEYS
TWO DIMENSIONAL BODIES

CROSSBEDDING (GEOLOGY)

GS GEOLOGY
. CROSSBEDDING (GEOLOGY)
RT LANDFORMS
ROCKS
STRATA
STRATIFICATION
STRATIGRAPHY

CROSSED FIELD AMPLIFIERS

GS AMPLIFIERS
. CROSSED FIELD AMPLIFIERS
RT ELECTRON TUBES
MAGNETRONS
MICROWAVE AMPLIFIERS
TRAVELING WAVE TUBES

CROSSED FIELD GUNS

RT ELECTRON GUNS
∞ GUNS
PLASMA CONTROL
PLASMA GUNS
PLASMA JETS

CROSSED FIELDS

RT ELECTRIC FIELDS
FIELD THEORY (PHYSICS)
MAGNETIC FIELDS
MAGNETRONS
PLASMA CONTROL
WAVEGUIDES

CROSSINGS

GS CROSSINGS
. CHIASMS

CROSSINGS-(CONT.)

RT BRIDGES (STRUCTURES)
CROSSOVERS
INTERSECTIONS
PIPELINES
RAMPS (STRUCTURES)

CROSSLINKING

GS CROSSLINKING
. VULCANIZING
RT ADDITION RESINS
COUPLED MODES
CURING
∞ JOINING
PHENOLIC EPOXY RESINS

CROSSOVERS

RT BRIDGES (STRUCTURES)
CROSSINGS
INTERSECTIONS

CROSSTALK

GS ELECTROMAGNETIC INTERFERENCE
. CROSSTALK
. . . IONOSPHERIC CROSS MODULATION
RT COMMUNICATING
ELECTROMAGNETIC COMPATIBILITY
∞ INTERFERENCE
TELEPHONY
WAVE DIFFRACTION

CROWDING

RT ∞ CONCENTRATION
∞ SATURATION

CRUCIBLES

RT ∞ CONTAINERS
HEATING EQUIPMENT

CRUCIFORM WINGS

GS AIRFOILS
. WINGS
. . . CRUCIFORM WINGS
RT FIXED WINGS
LOW ASPECT RATIO WINGS

CRUDE OIL

UF PETROLEUM
GS OILS
. CRUDE OIL
RESOURCES
. EARTH RESOURCES
. . . FOSSIL FUELS
. . . CRUDE OIL
RT CARBONACEOUS MATERIALS
DEPOSITS
ENERGY POLICY
FUEL PRODUCTION
HYDROCARBON FUELS
OFFSHORE ENERGY SOURCES
OIL EXPLORATION
OIL FIELDS
PETROLEUM PRODUCTS
RESERVES
UNDERWATER RESOURCES
WAXES

CRUISE MISSILES

GS MISSILES
. SURFACE TO SURFACE MISSILES
. . . CRUISE MISSILES
. . . NAVAHO MISSILE
. . . TOMAHAWK MISSILES
RT ANTISHIP MISSILES

CRUISING FLIGHT

RT COASTING FLIGHT
∞ FLIGHT
HORIZONTAL FLIGHT

CRUSADER AIRCRAFT

USE F-8 AIRCRAFT

CRUSHERS

RT COMMINUTION
CRUSHING
DISINTEGRATION
GRINDING MILLS
IMPACTORS

CRUSHING

GS COMMINUTION
. CRUSHING
RT CRUSHERS

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CRUSHING-(CONT.)

DISINTEGRATION
GRINDING (COMMINUTION)

CRUSTAL FRACTURES

GS FRACTURING
. CRUSTAL FRACTURES
RT EARTH CRUST
EARTH MOVEMENTS
EARTH SURFACE
EARTHQUAKE RESISTANCE
EARTHQUAKES
GEODYNAMICS
GEOLOGICAL FAULTS
MICROSEISMS
P WAVES
S WAVES
SAN ANDREAS FAULT
SEISMIC WAVES
SEISMOLOGY
SHATTER CONES
SHOCK LOADS
SHOCK WAVES
SOIL MECHANICS
SURFACE WAVES

CRUSTS

GS CRUSTS
. EARTH CRUST
. LUNAR CRUST
RT LUNAR MANTLE
PLANETARY MANTLES

CRYOCHEMISTRY

GS PHYSICAL CHEMISTRY
. CRYOCHEMISTRY
RT ∞ CHEMISTRY
CRYOGENIC EQUIPMENT
CRYOGENICS
LOW TEMPERATURE PHYSICS

CRYOCYCLE PRINCIPLE

RT CRYOPUMPING
SPACECRAFT POWER SUPPLIES

CRYODEPOSITS

GS DEPOSITS
. CRYODEPOSITS
RT COATINGS
∞ CRYOGENIC STORAGE
CRYOGENICS

CRYOGENIC COMPUTER STORAGE

GS PERIPHERAL EQUIPMENT (COMPUTERS)
. COMPUTER STORAGE DEVICES
. . . CRYOGENIC COMPUTER STORAGE
RT ∞ CRYOGENIC STORAGE
CRYOTRONS
∞ EQUIPMENT
SUPERCONDUCTORS

CRYOGENIC COOLING

GS COOLING
. SUPERCOOLING
. . . CRYOGENIC COOLING
RT COOLERS
CRYOGENICS
FREEZING
HEAT TRANSFER
REFRIGERATING

CRYOGENIC EQUIPMENT

UF DEWAR SYSTEMS
RT CRYOCHEMISTRY
CRYOGENICS
∞ EQUIPMENT
GRAVITATIONAL WAVE ANTENNAS
REFRIGERATING
REFRIGERATING MACHINERY
SOLID CRYOGENS

CRYOGENIC FLUID STORAGE

RT COLD SURFACES
∞ CRYOGENIC STORAGE
EVAPORATIVE COOLING
FUEL TANKS
MULTILAYER INSULATION
SPACE STORAGE
∞ STORAGE
STORAGE TANKS
THERMAL INSULATION

CRYOGENIC FLUIDS

GS LIQUIDS

CRYOGENIC FLUIDS-(CONT.)

.. **CRYOGENIC FLUIDS**
 .. FERMI LIQUIDS
 .. FLOX
 .. LIQUID HELIUM
 .. LIQUID HYDROGEN
 .. LIQUID NITROGEN
 .. LIQUID OXYGEN
 RT CRYOGENICS
 CRYOPUMPING
 ∞ FLUIDS
 ROCKET OXIDIZERS
 SOLID CRYOGEN COOLING
 ULTRALOW TEMPERATURES

CRYOGENIC GYROSCOPES

GS GYROSCOPES
 .. **CRYOGENIC GYROSCOPES**

CRYOGENIC MAGNETS

GS MAGNETS
 .. **CRYOGENIC MAGNETS**
 RT SUPERCONDUCTING MAGNETS

CRYOGENIC ROCKET PROPELLANTS

GS FUELS
 .. LIQUID ROCKET PROPELLANTS
 .. **CRYOGENIC ROCKET PROPELLANTS**
 .. LIQUID FUELS
 LIQUIDS
 .. LIQUID ROCKET PROPELLANTS
 .. **CRYOGENIC ROCKET PROPELLANTS**
 .. LIQUID FUELS
 PROPELLANTS
 .. ROCKET PROPELLANTS
 .. LIQUID ROCKET PROPELLANTS
 .. **CRYOGENIC ROCKET PROPELLANTS**
 RT CRYOGENICS
 ENDOTHERMIC FUELS
 GASEOUS ROCKET PROPELLANTS
 GELLED ROCKET PROPELLANTS
 HIGH ENERGY FUELS
 HIGH ENERGY PROPELLANTS
 HYBRID PROPELLANTS
 HYDROGEN FUELS
 HYPERGOLIC ROCKET PROPELLANTS
 LIQUEFIED GASES
 LIQUID HYDROGEN
 LIQUID OXYGEN
 RL-10 ENGINES
 SLUSH
 SPACE STORAGE
 STORABLE PROPELLANTS

CRYOGENIC STORAGE

SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)*
 RT CRYODEPOSITS
 CRYOGENIC COMPUTER STORAGE
 CRYOGENIC FLUID STORAGE

CRYOGENIC WIND TUNNELS

GS TEST FACILITIES
 .. WIND TUNNELS
 .. **CRYOGENIC WIND TUNNELS**
 RT FLIGHT SIMULATORS
 TEST CHAMBERS

CRYOGENICS

RT ABSOLUTE ZERO
 COLD TRAPS
 COOLING
 CRYOCHEMISTRY
 CRYODEPOSITS
 CRYOGENIC COOLING
 CRYOGENIC EQUIPMENT
 CRYOGENIC FLUIDS
 CRYOGENIC ROCKET PROPELLANTS
 CRYOPUMPING
 CRYOSAR
 CRYOSTATS
 CRYOTRONS
 FERMI LIQUIDS
 JOULE-THOMSON EFFECT
 LIQUEFIED GASES
 LOW TEMPERATURE
 LOW TEMPERATURE PHYSICS
 REFRIGERATING
 SOLID CRYOGEN COOLING
 SOLID CRYOGENS
 SOLID NITROGEN
 SOLIDIFIED GASES

CRYOGENICS-(CONT.)

SUPERCONDUCTING POWER
 TRANSMISSION
 SUPERCONDUCTIVITY
 THERMOELECTRIC COOLING
 THERMOMAGNETIC COOLING
 ULTRALOW TEMPERATURES

CRYOLITE

GS ALUMINUM COMPOUNDS
 .. **CRYOLITE**
 HALOGEN COMPOUNDS
 .. FLUORINE COMPOUNDS
 .. FLUORIDES
 .. **CRYOLITE**
 .. FLUORO COMPOUNDS
 .. **CRYOLITE**
 MINERALS
 .. **CRYOLITE**
 SODIUM COMPOUNDS
 .. **CRYOLITE**
 RT ALUMINUM

CRYOPUMPING

RT CRYOCYCLE PRINCIPLE
 CRYOGENIC FLUIDS
 CRYOGENICS
 ∞ PUMPING
 VACUUM PUMPS

CRYOSAR

GS ELECTRONIC EQUIPMENT
 .. SOLID STATE DEVICES
 .. SEMICONDUCTOR DEVICES
 .. AVALANCHE DIODES
 .. **CRYOSAR**
 RECTIFIERS
 .. AVALANCHE DIODES
 .. **CRYOSAR**
 BARRITT DIODES
 COMPUTER STORAGE DEVICES
 CRYOGENICS
 RT

CRYOSORPTION

USE SORPTION

CRYOSTATS

GS CONTROL EQUIPMENT
 .. **CRYOSTATS**
 RT CONTROLLERS
 CRYOGENICS
 ELECTRIC SWITCHES
 HIGH TEMPERATURE TESTS
 LIQUID HELIUM
 LIQUID HELIUM 2
 LOW TEMPERATURE TESTS
 REGULATORS
 TEMPERATURE CONTROL
 THERMOSTATS

CRYOTRAPPING

GS TRAPPING
 .. **CRYOTRAPPING**
 RT COLD TRAPS

CRYOTRONS

GS ELECTRONIC EQUIPMENT
 .. SOLID STATE DEVICES
 .. **CRYOTRONS**
 SWITCHES
 .. ELECTRIC SWITCHES
 .. **CRYOTRONS**
 RT CRYOGENIC COMPUTER STORAGE
 CRYOGENICS
 SUPERCONDUCTIVITY
 SUPERCONDUCTORS

CRYPTOGRAPHY

RT ∞ CODES
 CODING
 COMPUTER INFORMATION SECURITY
 DECODING
 INFORMATION THEORY
 MESSAGE PROCESSING

CRYSTAL DEFECTS

UF LATTICE IMPERFECTIONS
 STACKING FAULTS
 GS DEFECTS
 .. **CRYSTAL DEFECTS**
 .. CRYSTAL DISLOCATIONS
 .. EDGE DISLOCATIONS
 .. SCREW DISLOCATIONS
 .. POINT DEFECTS

CRYSTAL DEFECTS-(CONT.)

.. VACANCIES (CRYSTAL DEFECTS)
 .. FRENKEL DEFECTS
 RT CRYSTALLOGRAPHY
 HOLES (ELECTRON DEFICIENCIES)
 IMPURITIES
 INTERSTITIALS
 LATTICE VIBRATIONS
 MECHANICAL TWINNING
 ORDER-DISORDER TRANSFORMATIONS
 PINNING
 POLYGONIZATION
 STACKING FAULT ENERGY
 STACKS
 SURFACE DEFECTS
 TRAPPING
 TWINNING

CRYSTAL DISLOCATIONS

GS DEFECTS
 .. CRYSTAL DEFECTS
 .. **CRYSTAL DISLOCATIONS**
 .. EDGE DISLOCATIONS
 .. SCREW DISLOCATIONS
 DISLOCATIONS (MATERIALS)
 .. **CRYSTAL DISLOCATIONS**
 .. EDGE DISLOCATIONS
 .. SCREW DISLOCATIONS
 RT FATIGUE (MATERIALS)
 GRAIN BOUNDARIES
 PINNING
 POINT DEFECTS
 SUPERPLASTICITY
 SURFACE DEFECTS

CRYSTAL FILTERS

GS ELECTROMAGNETIC WAVE FILTERS
 .. BANDPASS FILTERS
 .. **CRYSTAL FILTERS**
 .. ELECTRIC FILTERS
 .. **CRYSTAL FILTERS**
 RT ∞ FILTERS
 INTERMEDIATE FREQUENCY AMPLIFIERS
 RADIO EQUIPMENT
 RADIO FILTERS

CRYSTAL GROWTH

GS GROWTH
 .. **CRYSTAL GROWTH**
 .. CZOCHRALSKI METHOD
 .. DIRECTIONAL SOLIDIFICATION
 (CRYSTALS)
 .. EPITAXY
 .. ELECTROEPITAXY
 .. LIQUID PHASE EPITAXY
 .. MOLECULAR BEAM EPITAXY
 .. VAPOR PHASE EPITAXY
 .. HYDROTHERMAL CRYSTAL GROWTH
 .. TRAVELING SOLVENT METHOD
 .. VERNEUIL PROCESS
 RT AITKEN NUCLEI
 BRAVAIS CRYSTALS
 BRIDGMAN METHOD
 CONTAINERLESS MELTS
 CRYSTALLIZATION
 CRYSTALLOGRAPHY
 CRYSTALS
 DOPED CRYSTALS
 INOCULATION
 MECHANICAL TWINNING
 MELTS (CRYSTAL GROWTH)
 NUCLEATION
 POLYGONIZATION
 RAPID QUENCHING (METALLURGY)
 SPACE PROCESSING
 TWINNING
 VAPOR DEPOSITION

CRYSTAL LATTICES

GS **CRYSTAL LATTICES**
 .. BODY CENTERED CUBIC LATTICES
 .. CLOSE PACKED LATTICES
 .. CUBIC LATTICES
 .. FACE CENTERED CUBIC LATTICES
 RT ATOMIC STRUCTURE
 BRAVAIS CRYSTALS
 BRILLOUIN ZONES
 CHEMICAL BONDS
 CRYSTALLOGRAPHY
 CRYSTALS
 EPITAXY
 GEOMETRY
 GRAPHOEPIITAXY
 HEXAGONAL CELLS
 IONIC CRYSTALS

CRYSTAL OPTICS

CRYSTAL LATTICES-(CONT.)

ISOMORPHISM
KOSSEL PATTERN
LATTICE PARAMETERS
LATTICE VIBRATIONS
∞ LATTICES
LAUE METHOD
METAL CRYSTALS
METALLOGRAPHY
MOLECULAR CHAINS
MOLECULAR STRUCTURE
MOSSBAUER EFFECT
ORDER-DISORDER TRANSFORMATIONS
PARTICLE IN CELL TECHNIQUE
PATTERSON MAP
POLYMORPHISM
RAPID QUENCHING (METALLURGY)
SINGLE CRYSTALS
SYNTHETIC METALS
ULTRAPURE METALS

CRYSTAL OPTICS

RT ABERRATION
ACOUSTO-OPTICS
DIFFRACTION
DOPED CRYSTALS
FIBER OPTICS
GEOMETRICAL OPTICS
∞ OPTICS
PHASE MATCHING
PHYSICAL OPTICS

CRYSTAL OSCILLATORS

GS CRYSTALS
. CRYSTAL OSCILLATORS
. . . PIEZOELECTRIC CRYSTALS
OSCILLATORS
RT . CRYSTAL OSCILLATORS
ELECTRICAL PROPERTIES
FREQUENCY CONTROL
FREQUENCY STABILITY
OSCILLATIONS
PIEZOELECTRICITY

CRYSTAL RECTIFIERS

UF SILICON RECTIFIERS
GS ELECTRONIC EQUIPMENT
. DIODES
. . CRYSTAL RECTIFIERS
. . . SOLID STATE DEVICES
. . . CRYSTAL RECTIFIERS
RECTIFIERS
RT . CRYSTAL RECTIFIERS
CURRENT CONVERTERS (AC TO DC)
SEMICONDUCTOR DEVICES

CRYSTAL STRUCTURE

SN (AGGLOMERATIONS OF CRYSTALS--
EXCLUDES CRYSTAL LATTICES)
GS CRYSTAL STRUCTURE
. WIDMANSTATTEN STRUCTURE
RT ABRIKOSOV THEORY
ALLOTROPY
ANISOTROPY
BRAVAIS CRYSTALS
CLATHRATES
CRYSTALLINITY
CRYSTALLITES
CRYSTALS
DOPED CRYSTALS
EPITAXY
GRAPHOEPIITAXY
INTERSTITIALS
ISOMORPHISM
ISOTROPY
LIQUID PHASE EPITAXY
MECHANICAL TWINNING
METAL CRYSTALS
MICROSTRUCTURE
ORDER-DISORDER TRANSFORMATIONS
PACKING DENSITY
PATTERSON MAP
PHONONS
POLYCRYSTALS
POLYMORPHISM
RAPID QUENCHING (METALLURGY)
SPHERULITES
∞ STRUCTURES
TWINNING
VAPOR PHASE EPITAXY

CRYSTAL SURFACES

GS SOLID SURFACES
. CRYSTAL SURFACES
RT METAL SURFACES

CRYSTAL SURFACES-(CONT.)

SURFACE LAYERS
∞ SURFACES

CRYSTALLINITY

RT AMORPHOUS MATERIALS
CRYSTAL STRUCTURE

CRYSTALLITES

GS CRYSTALS
. CRYSTALLITES
. . SPHERULITES
RT CRYSTAL STRUCTURE
MICROCRYSTALS
MINERALS
ROSETTE SHAPES

CRYSTALLIZATION

UF DEVITRIFICATION
GS CRYSTALLIZATION
. DIRECTIONAL SOLIDIFICATION
(CRYSTALS)
. MELT SPINNING
. RECRYSTALLIZATION
RT AGGLOMERATION
CONCENTRATING
CONTAINERLESS MELTS
CRYSTAL GROWTH
DEMINERALIZING
FREEZING
INOCULATION
LIQUIDUS
MATERIALS RECOVERY
MELTS (CRYSTAL GROWTH)
MODULATION
NUCLEATION
PHASE TRANSFORMATIONS
PRECIPITATION (CHEMISTRY)
PURIFICATION
REFINING
∞ SEPARATION
SETTLING
SOLID STATE
SOLIDIFICATION
SUBLIMATION
SUPERCOOLING
SUPERSATURATION
ZONE MELTING

CRYSTALLOGRAPHY

RT BRAGG ANGLE
CRYSTAL DEFECTS
CRYSTAL GROWTH
CRYSTAL LATTICES
CRYSTALS
DEBYE-SCHERRER METHOD
DIRECTIVITY
ISOTROPY
LAMELLA (METALLURGY)
LATTICE PARAMETERS
LAUE METHOD
METALLOGRAPHY
∞ METALLURGY
MICROBEAMS
MICROSTRUCTURE
MINERALOGY
NEUTRON DIFFRACTION
ORDER-DISORDER TRANSFORMATIONS
∞ ORIENTATION
RADIOGRAPHY
∞ SOLID STATE PHYSICS
X RAY ANALYSIS
X RAY DIFFRACTION

CRYSTALS

GS CRYSTALS
. BICRYSTALS
. BOULES
. BRAVAIS CRYSTALS
. CREATINE
. CRYSTAL OSCILLATORS
. . PIEZOELECTRIC CRYSTALS
. CRYSTALLITES
. . SPHERULITES
. DENDRITIC CRYSTALS
. DOPED CRYSTALS
. IONIC CRYSTALS
. LIQUID CRYSTALS
. METAL CRYSTALS
. MICROCRYSTALS
. MIXED CRYSTALS
. POLYCRYSTALS
. QUARTZ CRYSTALS
. SINGLE CRYSTALS
. WHISKERS (CRYSTALS)

NASA THESAURUS (VOLUME 1)

CRYSTALS-(CONT.)

RT ANISOTROPY
BODY CENTERED CUBIC LATTICES
CLATHRATES
CONTAINERLESS MELTS
CRYSTAL GROWTH
CRYSTAL LATTICES
CRYSTAL STRUCTURE
CRYSTALLOGRAPHY
ELECTROEPITAXY
FACE CENTERED CUBIC LATTICES
∞ GRAINS
ISOTROPY
PACKING DENSITY
PHASE MATCHING
RUBY
SPHERULES

CSM

USE COMMAND SERVICE MODULES

CT-114 AIRCRAFT

USE CL-41 AIRCRAFT

CTD

USE CHARGE TRANSFER DEVICES

CUBA

GS LANDFORMS
. ISLANDS
. . WEST INDIES
. . . CUBA
RT CARIBBEAN SEA
NATIONS

CUBANE

GS HYDROCARBONS
. CUBANE

CUBES (MATHEMATICS)

GS GEOMETRY
. EUCLIDEAN GEOMETRY
. . POLYHEDRONS
. . . CUBES (MATHEMATICS)
RT BLOCKS

CUBIC EQUATIONS

GS ALGEBRA
. NONLINEAR EQUATIONS
. . CUBIC EQUATIONS
ANALYSIS (MATHEMATICS)
. REAL VARIABLES
. . NONLINEAR EQUATIONS
. . . CUBIC EQUATIONS
FIELD THEORY (ALGEBRA)
. CUBIC EQUATIONS
RT ∞ EQUATIONS
POLYNOMIALS

CUBIC LATTICES

GS CRYSTAL LATTICES
. CUBIC LATTICES
. . FACE CENTERED CUBIC LATTICES

CUES

RT AUDITORY SIGNALS
VISUAL SIGNALS

CUESTAS

USE RIDGES

CUFFS

RT CLOTHING
SEALS (STOPPERS)

CULTIVATION

GS CULTIVATION
. PLOWING
RT AMMONIA
AMMONIUM NITRATES
ASHES
CULTURE TECHNIQUES
FERTILIZERS
PLANTING
SILVICULTURE
SOILS
TISSUES (BIOLOGY)

CULTURAL RESOURCES

RT ARCHAEOLOGY
HUMAN BEINGS

CULTURE (SOCIAL SCIENCES)

RT AMERICAN INDIANS
ANTHROPOLOGY

CULTURE (SOCIAL SCIENCES)-(CONT.)

ARTIFACTS
ESKIMOS
ETHNIC FACTORS
GOVERNMENTS
MINORITIES
POLITICS
RACE FACTORS
RACES
REGIMES
SOCIAL FACTORS
SOCIOLOGY

CULTURE TECHNIQUES

RT CULTIVATION
MICROBIOLOGY

CUMULATIVE DAMAGE

GS DAMAGE
RT **CUMULATIVE DAMAGE**
COMPONENT RELIABILITY
DEFECTS
DEGRADATION
DURABILITY
FAILURE
OPERATIONAL HAZARDS
RELIABILITY
STRUCTURAL RELIABILITY
WEAR TESTS

CUMULONIMBUS CLOUDS

GS CLOUDS
CLOUDS (METEOROLOGY)
CONVECTION CLOUDS
RT **CUMULONIMBUS CLOUDS**
CUMULUS CLOUDS
NIMBOSTRATUS CLOUDS
PRECIPITATION (METEOROLOGY)
THUNDERSTORMS
TORNADOES

CUMULUS CLOUDS

GS CLOUDS
CLOUDS (METEOROLOGY)
RT **CUMULUS CLOUDS**
CUMULONIMBUS CLOUDS
STRATOCUMULUS CLOUDS

∞ CUPOLAS

SN *(USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)*
RT DOMES (STRUCTURAL FORMS)
FURNACES
GUN TURRETS

CURARE

GS POISONS
RT **CURARE**
ALKALOIDS
ANTICHOLINERGICS
∞ POISONING
TOXICOLOGY

CURES

RT DISEASES
DRUGS
FIRST AID
HEALING
THERAPY

CURIE TEMPERATURE

GS MAGNETIC PROPERTIES
CURIE TEMPERATURE
TEMPERATURE
RT **CURIE TEMPERATURE**
DIAMAGNETISM
ELECTRETS
FERROELECTRICITY
FERROMAGNETISM
ULTRALOW TEMPERATURES

CURIE-WEISS LAW

RT FERROMAGNETISM
MAGNETIC PERMEABILITY
MAGNETIC PROPERTIES
PARAMAGNETISM

CURING

RT ALFALFA
AUTOCLAVING
CITRUS TREES
CORN
CROSSLINKING

CURING-(CONT.)

DEGRADATION
DRYING
FARM CROPS
OATS
ORCHARDS
PRESERVING
∞ SETTING
VULCANIZING
WEATHERING

CURIUM

GS CHEMICAL ELEMENTS
ACTINIDE SERIES
TRANSURANIUM ELEMENTS
CURIUM
CURIUM ISOTOPES
CURIUM 242
CURIUM 244
NUCLIDES
ISOTOPES
RADIOACTIVE ISOTOPES
TRANSURANIUM ELEMENTS
CURIUM
CURIUM ISOTOPES
HEAVY ELEMENTS
TRANSURANIUM ELEMENTS
CURIUM
CURIUM ISOTOPES
CURIUM 242
CURIUM 244
METALS
ACTINIDE SERIES
TRANSURANIUM ELEMENTS
CURIUM
CURIUM ISOTOPES
CURIUM 242
CURIUM 244

CURIUM COMPOUNDS

GS ACTINIDE SERIES COMPOUNDS
CURIUM COMPOUNDS
RT ∞ CHEMICAL COMPOUNDS
∞ GROUP 3B COMPOUNDS

CURIUM ISOTOPES

GS CHEMICAL ELEMENTS
ACTINIDE SERIES
TRANSURANIUM ELEMENTS
CURIUM
CURIUM ISOTOPES
CURIUM 242
CURIUM 244
NUCLIDES
ISOTOPES
RADIOACTIVE ISOTOPES
TRANSURANIUM ELEMENTS
CURIUM
CURIUM ISOTOPES
HEAVY ELEMENTS
TRANSURANIUM ELEMENTS
CURIUM
CURIUM ISOTOPES
CURIUM 242
CURIUM 244
METALS
ACTINIDE SERIES
TRANSURANIUM ELEMENTS
CURIUM
CURIUM ISOTOPES
CURIUM 242
CURIUM 244

CURIUM 242

GS CHEMICAL ELEMENTS
ACTINIDE SERIES
TRANSURANIUM ELEMENTS
CURIUM
CURIUM ISOTOPES
CURIUM 242
NUCLIDES
ISOTOPES
RADIOACTIVE ISOTOPES
TRANSURANIUM ELEMENTS
CURIUM
CURIUM ISOTOPES
HEAVY ELEMENTS
TRANSURANIUM ELEMENTS
CURIUM
CURIUM ISOTOPES
CURIUM 242
METALS
ACTINIDE SERIES
TRANSURANIUM ELEMENTS
CURIUM

CURIUM 242-(CONT.)

CURIUM ISOTOPES
CURIUM 242

CURIUM 244

GS CHEMICAL ELEMENTS
ACTINIDE SERIES
TRANSURANIUM ELEMENTS
CURIUM
CURIUM ISOTOPES
CURIUM 244
NUCLIDES
ISOTOPES
RADIOACTIVE ISOTOPES
TRANSURANIUM ELEMENTS
CURIUM
CURIUM ISOTOPES
HEAVY ELEMENTS
TRANSURANIUM ELEMENTS
CURIUM
CURIUM ISOTOPES
CURIUM 244
METALS
ACTINIDE SERIES
TRANSURANIUM ELEMENTS
CURIUM
CURIUM ISOTOPES
CURIUM 244

∞ CURL

SN *(USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)*
RT CURL (MATERIALS)
CURL (VECTORS)

CURL (MATERIALS)

RT ∞ CURL
DIMENSIONAL STABILITY
FOLDING
TEXTURES

CURL (VECTORS)

GS ANALYSIS (MATHEMATICS)
CALCULUS
VECTOR ANALYSIS
CURL (VECTORS)
VORTICITY
REAL VARIABLES
VECTOR ANALYSIS
CURL (VECTORS)
VORTICITY
GEOMETRY
VECTOR ANALYSIS
CURL (VECTORS)
VORTICITY
RT ∞ CURL

CURRENT ALGEBRA

GS ALGEBRA
CURRENT ALGEBRA
RT ∞ MATHEMATICS
NUCLEAR PHYSICS
VECTOR CURRENTS

CURRENT AMPLIFIERS

GS AMPLIFIERS
CURRENT AMPLIFIERS
PHOTOMULTIPLIER TUBES
FREQUENCY MODULATION
PHOTOMULTIPLIERS
RT TRANSISTOR AMPLIFIERS
VOLTAGE AMPLIFIERS

CURRENT CONVERTERS (AC TO DC)

RT ALTERNATING CURRENT
∞ CONVERTERS
CRYSTAL RECTIFIERS
DIRECT CURRENT
ELECTRIC CURRENT
INVERTED CONVERTERS (DC TO AC)
RECTIFIERS
SILICON CONTROLLED RECTIFIERS
THYRATRONS

CURRENT DENSITY

GS RATES (PER TIME)
FLUX DENSITY
CURRENT DENSITY
RT ELECTRIC CURRENT
ELECTROLYSIS
ELECTROPLATING
PINNING

CURRENT DISTRIBUTION

CURRENT DISTRIBUTION

GS DISTRIBUTION (PROPERTY)
 . **CURRENT DISTRIBUTION**
 RT CHARGE DISTRIBUTION
 ELECTRON DISTRIBUTION
 ∞ HOLE DISTRIBUTION
 HOLE DISTRIBUTION (ELECTRONICS)
 ION DISTRIBUTION
 MAGNETIC ANNULAR ARC
 NEUTRAL CURRENTS

CURRENT REGULATORS

UF CURRENT STABILIZERS
 GS REGULATORS
 . **CURRENT REGULATORS**
 RT CIRCUIT PROTECTION
 CONTROLLERS
 ELECTRIC CURRENT
 ∞ ELECTRIC EQUIPMENT
 ELECTRIC SWITCHES
 ELECTRONIC CONTROL
 LIMITER CIRCUITS
 POWER SUPPLY CIRCUITS
 SWITCHING CIRCUITS
 TRANSMISSION LOSS
 VOLTAGE REGULATORS

CURRENT SHEETS

RT ANTENNAS
 ELECTRIC CURRENT
 MAGNETIC FLUX
 ∞ SHEETS

CURRENT STABILIZERS

USE CURRENT REGULATORS

∞ CURRENTS

SN *(USE OF A MORE SPECIFIC TERM IS
 RECOMMENDED--CONSULT THE TERMS
 LISTED BELOW)*
 RT AIR CURRENTS
 AIR FLOW
 BEAM CURRENTS
 CIRCULATION
 COASTAL CURRENTS
 ELECTRIC CURRENT
 EXTERNAL SURFACE CURRENTS
 FLUID FLOW
 OCEAN CURRENTS
 WATER CURRENTS

CURRENTS (OCEANOGRAPHY)

USE WATER CURRENTS

CURTAINS

RT ∞ BARRIERS
 DIVIDERS
 DOORS
 ENTRANCES
 OPENINGS
 ∞ PARTITIONS
 PARTITIONS (STRUCTURES)
 ∞ SCREENS
 SEPARATORS
 WALLS
 WINDOWS (APERTURES)

CURTISS C-46 AIRCRAFT

USE C-46 AIRCRAFT

CURTISS-WRIGHT AIRCRAFT

UF CURTISS-WRIGHT MILITARY AIRCRAFT
 GS **CURTISS-WRIGHT AIRCRAFT**
 . C-46 AIRCRAFT
 . X-19 AIRCRAFT
 RT ∞ AIRCRAFT

CURTISS-WRIGHT MILITARY AIRCRAFT

USE CURTISS-WRIGHT AIRCRAFT
 MILITARY AIRCRAFT

CURVATURE

GS GEOMETRY
 . **CURVATURE**
 RT CAMBER
 ∞ CURVES
 CURVES (GEOMETRY)
 DIFFERENTIAL GEOMETRY
 FLEXING
 ∞ PROFILES
 SHAPES
 ZERO FORCE CURVES

CURVE FITTING

RT DATA COMPRESSION
 DATA SMOOTHING
 FORECASTING
 LEAST SQUARES METHOD
 MINIMAX TECHNIQUE
 SADDLE POINTS
 STATISTICAL DISTRIBUTIONS
 STATISTICAL TESTS
 TIME SERIES ANALYSIS

CURVED BEAMS

GS STRUCTURAL MEMBERS
 . BEAMS (SUPPORTS)
 . **CURVED BEAMS**
 RT CAMBER
 I BEAMS

CURVED PANELS

GS PANELS
 . **CURVED PANELS**
 RT CONTOURS
 SHAPES
 WING PANELS

CURVED SURFACES

USE CONTOURS
 SHAPES
 SURFACES

∞ CURVES

SN *(USE OF A MORE SPECIFIC TERM IS
 RECOMMENDED--CONSULT THE TERMS
 LISTED BELOW)*
 RT CURVATURE
 GRAPHS (CHARTS)
 LEARNING CURVES
 LIGHT CURVE
 TOROIDS
 TRAJECTORIES
 ZERO FORCE CURVES

CURVES (GEOMETRY)

UF HELICES
 GS GEOMETRY
 . **CURVES (GEOMETRY)**
 . . CATENARIES
 . . CYCLOIDS
 . . EPICYCLOIDS
 . . S CURVES
 . . . GOMPERTZ CURVES
 RT ANALYTIC GEOMETRY
 ∞ ARCS
 CHORDS (GEOMETRY)
 CIRCLES (GEOMETRY)
 CURVATURE
 CUSPS (MATHEMATICS)
 DIFFERENTIAL GEOMETRY
 EUCLIDEAN GEOMETRY
 GEODESIC LINES
 HOMOTOPY THEORY
 INFLECTION POINTS
 LINE SHAPE
 MANIFOLDS (MATHEMATICS)
 MENISCI
 SEGMENTS
 ∞ SPIRALS

CURVILINEAR COORDINATES

USE SPHERICAL COORDINATES

CUSHIONCRAFT GROUND EFFECT MACHINE

GS GROUND EFFECT MACHINES
 . **CUSHIONCRAFT GROUND EFFECT
 MACHINE**
 RT HOVERING
 VERTICAL TAKEOFF AIRCRAFT

CUSHIONS

RT AIR CUSHION LANDING SYSTEMS
 BUMPERS
 COUCHES
 GROUND EFFECT
 HYDRAULIC EQUIPMENT
 ∞ PAD
 PILLOWS
 PNEUMATIC EQUIPMENT
 SEATS
 SHOCK ABSORBERS
 VIBRATION ISOLATORS

CUSPS

GS **CUSPS**
 . CUSPS (MATHEMATICS)

NASA THESAURUS (VOLUME 1)

CUSPS-(CONT.)

RT ∞ MATHEMATICS

CUSPS (LANDFORMS)

GS LANDFORMS
 . **CUSPS (LANDFORMS)**
 RT BEACHES
 COASTS
 TOPOGRAPHY

CUSPS (MATHEMATICS)

GS CUSPS
 . **CUSPS (MATHEMATICS)**
 GEOMETRY
 . **CUSPS (MATHEMATICS)**
 . . DOUBLE CUSPS
 RT CURVES (GEOMETRY)
 EPICYCLOIDS
 MAXIMA
 MINIMA

∞ CUT-OFF

SN *(USE OF A MORE SPECIFIC TERM IS
 RECOMMENDED--CONSULT THE TERMS
 LISTED BELOW)*
 RT BURNOUT
 ENGINE FAILURE
 MACHINING

CUT-OUTS

USE OPENINGS

CUTANEOUS PERCEPTION

USE TOUCH

CUTTERS

SN (EXCLUDES SHIPS)
 GS **CUTTERS**
 . BLADES (CUTTERS)
 . . RAZOR BLADES
 . DRILL BITS
 . DRILLS
 . SAWS
 . SHEARS
 RT CUTTING
 DIES
 LASER CUTTING
 MACHINE TOOLS
 SCRAPERS
 TAPS
 TOOLS

CUTTING

GS **CUTTING**
 . BLANKING (CUTTING)
 . LASER CUTTING
 . METAL CUTTING
 . MILLING (MACHINING)
 . PLANING
 . SCARFING
 . SHEARING
 . SLICING
 . SPARK MACHINING
 RT ABRASION
 CHIPPING
 COMMINUTION
 CUTTERS
 DRILLING
 FLAKING
 FORMING TECHNIQUES
 FRACTURING
 GRINDING (MATERIAL REMOVAL)
 GROOVING
 MACHINING
 PEELING
 PERFORATING
 PIERCING
 ∞ SEPARATION
 SHREDDING
 SPLITTING
 TORCHES

CV-2 AIRCRAFT

USE DHC 4 AIRCRAFT

CV-7 AIRCRAFT

USE DHC 5 AIRCRAFT

CV-340 AIRCRAFT

UF CONVAIR 340 AIRCRAFT
 GS COMMERCIAL AIRCRAFT
 . **CV-340 AIRCRAFT**
 GENERAL DYNAMICS AIRCRAFT
 . **CV-340 AIRCRAFT**

CV-340 AIRCRAFT-(CONT.)

MONOPLANES
 . CV-340 AIRCRAFT
 PASSENGER AIRCRAFT
 . CV-340 AIRCRAFT

CV-440 AIRCRAFT

UF CONVAIR 440 AIRCRAFT
 METROPOLITAN AIRCRAFT
 GS COMMERCIAL AIRCRAFT
 . CV-440 AIRCRAFT
 GENERAL DYNAMICS AIRCRAFT
 . CV-440 AIRCRAFT
 MONOPLANES
 . CV-440 AIRCRAFT
 PASSENGER AIRCRAFT
 . CV-440 AIRCRAFT

CV-880 AIRCRAFT

UF CONVAIR 880 AIRCRAFT
 GS COMMERCIAL AIRCRAFT
 . CV-880 AIRCRAFT
 GENERAL DYNAMICS AIRCRAFT
 . CV-880 AIRCRAFT
 JET AIRCRAFT
 . CV-880 AIRCRAFT
 MONOPLANES
 . CV-880 AIRCRAFT
 PASSENGER AIRCRAFT
 . CV-880 AIRCRAFT
 TRANSPORT AIRCRAFT
 . CV-880 AIRCRAFT

CV-990 AIRCRAFT

UF CONVAIR 990 AIRCRAFT
 GS COMMERCIAL AIRCRAFT
 . CV-990 AIRCRAFT
 GENERAL DYNAMICS AIRCRAFT
 . CV-990 AIRCRAFT
 JET AIRCRAFT
 . TURBOFAN AIRCRAFT
 . CV-990 AIRCRAFT
 MONOPLANES
 . CV-990 AIRCRAFT
 PASSENGER AIRCRAFT
 . CV-990 AIRCRAFT

CW RADAR

USE CONTINUOUS WAVE RADAR

CYANAMIDES

GS ALIPHATIC COMPOUNDS
 . CYANAMIDES
 NITROGEN COMPOUNDS
 . AMIDES
 . CYANAMIDES
 . CYANO COMPOUNDS
 . CYANAMIDES

CYANATES

RT ESTERS
 URETHANES

CYANIDE EMISSION

USE CN EMISSION

CYANIDES

GS CYANIDES
 . CYANOGEN
 . IRON CYANIDES
 . MALONONITRILE
 RT ALIPHATIC COMPOUNDS
 CYANO COMPOUNDS
 NITROGEN COMPOUNDS

CYANO COMPOUNDS

GS NITROGEN COMPOUNDS
 . CYANO COMPOUNDS
 . CYANAMIDES
 . ISOCYANATES
 . DIISOCYANATES
 . FULMINATES
 RT CYANIDES
 NITRILES

CYANOCOBALAMIN

UF VITAMIN B 12
 GS HETEROCYCLIC COMPOUNDS
 . CYANOCOBALAMIN
 VITAMINS
 . CYANOCOBALAMIN

CYANOGEN

GS ALIPHATIC COMPOUNDS

CYANOGEN-(CONT.)

. CYANOGEN
 CYANIDES
 . CYANOGEN

CYANOPHYTA

USE BLUE GREEN ALGAE

CYANOSIS

GS DISEASES
 . CYANOSIS
 RT BLOOD CIRCULATION
 HEART FUNCTION

CYANURATES

GS ESTERS
 . CYANURATES
 HETEROCYCLIC COMPOUNDS
 . AZINES
 . CYANURATES
 PYRAZINES
 . AZINES
 . CYANURATES

CYANURIC ACID

GS ACIDS
 . CYANURIC ACID
 ALIPHATIC COMPOUNDS
 . TRIOLS
 . CYANURIC ACID
 HETEROCYCLIC COMPOUNDS
 . AZINES
 . CYANURIC ACID
 HYDROXYL COMPOUNDS
 . ALCOHOLS
 . TRIOLS
 . CYANURIC ACID
 PYRAZINES
 . AZINES
 . CYANURIC ACID

CYBER 74 COMPUTER

USE CDC CYBER 74 COMPUTER

CYBERNETICS

RT ADAPTIVE CONTROL
 AUTOMATA THEORY
 ∞ AUTOMATION
 BIONICS
 COMMUNICATION THEORY
 COMPUTERS
 ∞ CONTROL
 CONTROLLERS
 DEPERSONALIZATION
 FEEDBACK
 HUMAN FACTORS ENGINEERING
 INFORMATION THEORY
 LEARNING MACHINES
 MAN MACHINE SYSTEMS
 MANAGEMENT
 NEURAL NETS
 PSYCHOLOGY
 ∞ SYSTEMS
 SYSTEMS ENGINEERING

CYCLES

UF CYCLING
 PERIODIC PROCESSES
 GS CYCLES
 . ACTIVITY CYCLES (BIOLOGY)
 . CARBON CYCLE
 . SOLAR CYCLES
 . SUNSPOT CYCLE
 . STRESS CYCLES
 . THERMODYNAMIC CYCLES
 . BRAYTON CYCLE
 . CARNOT CYCLE
 . OTTO CYCLE
 . RANKINE CYCLE
 . STIRLING CYCLE
 . WORK-REST CYCLE
 RT ALTERNATIONS
 AMPLITUDES
 ANNUAL VARIATIONS
 CYCLIC LOADS
 DIURNAL VARIATIONS
 FATIGUE (MATERIALS)
 FREQUENCY DISTRIBUTION
 HARMONICS
 INTERMITTENCY
 LONG TERM EFFECTS
 PERIODIC VARIATIONS
 ∞ PHASES
 RECIPROCATION
 RHYTHM (BIOLOGY)

CYCLES-(CONT.)

STARTING
 SUPERHARMONICS

CYCLIC ACCELERATORS

GS PARTICLE ACCELERATORS
 . CYCLIC ACCELERATORS
 . . BETATRONS
 . . SYNCHROCYCLOTRONS
 . . SYNCHROTRONS
 . . BEVATRON
 . . STORAGE RINGS (PARTICLE ACCELERATORS)

CYCLIC COMPOUNDS

GS ORGANIC COMPOUNDS
 . CYCLIC COMPOUNDS
 RT ∞ COMPOUNDS
 ORGANIC CHEMISTRY

CYCLIC HYDROCARBONS

GS ALIPHATIC COMPOUNDS
 . CYCLIC HYDROCARBONS
 . . ANTHRACENE
 . . COLCHICINE
 . . CYCLOBUTANE
 . . CYCLOPROPANE
 . . MENTHOL
 . . NAPHTHENES
 HYDROCARBONS
 . CYCLIC HYDROCARBONS
 . . ANTHRACENE
 . . COLCHICINE
 . . CYCLOBUTANE
 . . CYCLOPROPANE
 . . MENTHOL
 . . NAPHTHENES
 RT ALKYNES

CYCLIC LOADS

SN (LIMITED TO FORCE LOADS)
 GS LOADS (FORCES)
 . DYNAMIC LOADS
 . . CYCLIC LOADS
 RT CYCLES
 ELBER EQUATION
 INELASTIC STRESS
 S-N DIAGRAMS
 STRESS CYCLES
 STRUCTURAL DESIGN CRITERIA
 TRANSIENT LOADS
 VIBRATION
 VIBRATORY LOADS

CYCLING

USE CYCLES

CYCLOBUTANE

GS ALIPHATIC COMPOUNDS
 . CYCLIC HYDROCARBONS
 . . CYCLOBUTANE
 HYDROCARBONS
 . CYCLIC HYDROCARBONS
 . . CYCLOBUTANE

CYCLOGENESIS

GS STORMS
 . CYCLONES
 . . CYCLOGENESIS
 WIND (METEOROLOGY)
 . CYCLOGENESIS

CYCLOHEXANE

GS HYDROCARBONS
 . CYCLOHEXANE
 RT BENZENE
 HEXENES
 HYDROGENATION

CYCLOIDS

GS GEOMETRY
 . CURVES (GEOMETRY)
 . . CYCLOIDS
 . EUCLIDEAN GEOMETRY
 . . ANALYTIC GEOMETRY
 . . . CYCLOIDS

CYCLONES

SN (METEOROLOGICAL--EXCLUDES EQUIPMENT)
 GS STORMS
 . CYCLONES
 . . CYCLOGENESIS
 . . HURRICANES

CYCLONES (EQUIPMENT)

CYCLONES-(CONT.)

... ANNA HURRICANE
... TYPHOONS
RT ANTICYCLONES
ATMOSPHERIC PRESSURE
BAROCLINIC WAVES
BLATON FORMULA
GROUND WIND
LOW PRESSURE
METEOROLOGY
PRECIPITATION (METEOROLOGY)
STORM DAMAGE
SYNOPTIC METEOROLOGY
TORNADOES
TROPICAL STORMS
WIND (METEOROLOGY)

CYCLONES (EQUIPMENT)

USE CENTRIFUGES

CYCLOPROPANE

GS ALIPHATIC COMPOUNDS
... CYCLIC HYDROCARBONS
... **CYCLOPROPANE**
DRUGS
... ANESTHETICS
... **CYCLOPROPANE**
HYDROCARBONS
... CYCLIC HYDROCARBONS
... **CYCLOPROPANE**
RT PROPANE

CYCLOPS PLASMA ACCELERATOR

GS PLASMA ACCELERATORS
... **CYCLOPS PLASMA ACCELERATOR**
RT ∞ ACCELERATORS

CYCLOTETRAMETHYLENE TETRANITRAMINE

USE HMX

CYCLOTRIMETHYLENE TRINITRAMINE

USE RDX

CYCLOTRON FREQUENCY

GS FREQUENCIES
... **CYCLOTRON FREQUENCY**
RT CHARGED PARTICLES
LARMOR PRECESSION

CYCLOTRON RADIATION

GS ELECTROMAGNETIC RADIATION
... **CYCLOTRON RADIATION**
PARTICLES
... CORPUSCULAR RADIATION
... **CYCLOTRON RADIATION**
... ION CYCLOTRON RADIATION
RT CHARGED PARTICLES
LARMOR PRECESSION
LARMOR RADIUS

CYCLOTRON RESONANCE

GS RESONANCE
... **CYCLOTRON RESONANCE**
RT CHARGED PARTICLES
DIAMAGNETISM
ENERGY TRANSFER
FERMI SURFACES
ION CYCLOTRON RADIATION
PLASMA RESONANCE

CYCLOTRON RESONANCE DEVICES

UF GYROTRONS
GS MEASURING INSTRUMENTS
... RESONANCE PROBES
... **CYCLOTRON RESONANCE DEVICES**
RT CAVITY RESONATORS
∞ DEVICES
KLYSTRONS
MILLIMETER WAVES
POWER AMPLIFIERS
TRAVELING WAVE TUBES

CYCLOTRONS

UF CALUTRONS
GS PARTICLE ACCELERATORS
... **CYCLOTRONS**
... GEOCYCLOTRONS
... MICROTRONS
... OAK RIDGE ISOCHRONOUS
CYCLOTRON
... OMEGATRONS
... SYNCHROCYCLOTRONS
RT SYNCHROTRONS

CYGNUS CONSTELLATION

GS CONSTELLATIONS
... **CYGNUS CONSTELLATION**
RT CELESTIAL BODIES
CELESTIAL SPHERE
STARS

∞ CYLINDERS

SN *(USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)*
RT ANALYTIC GEOMETRY
CIRCULAR CYLINDERS
CONCENTRIC CYLINDERS
CYLINDRICAL BODIES
CYLINDRICAL CHAMBERS
CYLINDRICAL SHELLS
∞ DRUMS
DRUMS (CONTAINERS)
ELASTIC CYLINDERS
ELLIPTICAL CYLINDERS
HEMISPHERE CYLINDER BODIES
MONOCOQUE STRUCTURES
ORTHOTROPIC CYLINDERS
OSCILLATING CYLINDERS
PLASMA CYLINDERS
ROTATING CYLINDERS
VISCOELASTIC CYLINDERS

CYLINDRICAL AFTERBODIES

USE AFTERBODIES
CYLINDRICAL BODIES

CYLINDRICAL ANTENNAS

GS ANTENNAS
... **CYLINDRICAL ANTENNAS**
RT ANTENNA RADIATION PATTERNS
RADIO EQUIPMENT
SATELLITES

CYLINDRICAL BODIES

UF CYLINDRICAL AFTERBODIES
CYLINDROIDS
GS SYMMETRICAL BODIES
... BODIES OF REVOLUTION
... **CYLINDRICAL BODIES**
... ROTATING CYLINDERS
RT AFTERBODIES
AIRY FUNCTION
CENTERBODIES
CIRCULAR CYLINDERS
∞ CYLINDERS
ELASTIC CYLINDERS
ELLIPTICAL CYLINDERS
FOREBODIES
FUSELAGES
HEMISPHERE CYLINDER BODIES
ORTHOTROPIC CYLINDERS
OSCILLATING CYLINDERS
PLASMA CYLINDERS
ROLLERS
VISCOELASTIC CYLINDERS

CYLINDRICAL CHAMBERS

RT BRAKES (FOR ARRESTING MOTION)
∞ CHAMBERS
∞ CYLINDERS

CYLINDRICAL PLASMAS

GS FLUID MECHANICS
... FLUID DYNAMICS
... HYDRODYNAMICS
... MAGNETOHYDRODYNAMICS
... **CYLINDRICAL PLASMAS**
PARTICLES
... CHARGED PARTICLES
... ENERGETIC PARTICLES
... PLASMAS (PHYSICS)
... **CYLINDRICAL PLASMAS**
PLASMA CYLINDERS
... **CYLINDRICAL PLASMAS**
RT PINCH EFFECT

CYLINDRICAL SHELLS

GS SHELLS (STRUCTURAL FORMS)
... **CYLINDRICAL SHELLS**
RT CIRCULAR CYLINDERS
CIRCULAR SHELLS
CIRCULAR TUBES
CONCENTRIC CYLINDERS
∞ CYLINDERS
ELASTIC CYLINDERS
ELLIPTICAL CYLINDERS
METAL SHELLS
ORTHOTROPIC CYLINDERS

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CYLINDRICAL SHELLS-(CONT.)

ORTHOTROPIC SHELLS
OSCILLATING CYLINDERS
PLASMA CYLINDERS
REINFORCED SHELLS
ROTATING CYLINDERS
THIN WALLED SHELLS
VISCOELASTIC CYLINDERS

CYLINDRICAL TANKS

GS TANKS (CONTAINERS)
... **CYLINDRICAL TANKS**
RT FUEL TANKS
PROPELLANT TANKS
STORAGE TANKS

CYLINDRICAL WAVES

RT AXISYMMETRIC FLOW
ELASTIC WAVES
ELECTROMAGNETIC RADIATION
PLANE WAVES
SPHERICAL WAVES
∞ WAVES

CYLINDROIDS

USE CYLINDRICAL BODIES

CYPRUS

GS LANDFORMS
... ISLANDS
... **CYPRUS**
RT GREECE
NATIONS

CYRILLID METEOROIDS

GS CELESTIAL BODIES
... METEOROID SHOWERS
... **CYRILLID METEOROIDS**
... METEOROIDS
... BOLIDES
... **CYRILLID METEOROIDS**
RT NATURAL SATELLITES
TEKTITES

CYSTEAMINE

GS AMINES
... **CYSTEAMINE**
ENZYMES
... COENZYMES
... **CYSTEAMINE**
RT AMINO ACIDS
PROTEINS

CYSTEINE

GS ACIDS
... AMINO ACIDS
... **CYSTEINE**
ALIPHATIC COMPOUNDS
... THIOLS
... **CYSTEINE**
DRUGS
... **CYSTEINE**
ORGANIC COMPOUNDS
... AMINO ACIDS
... **CYSTEINE**
SULFUR COMPOUNDS
... THIOLS
... **CYSTEINE**
RT PROTEINS

CYSTIC FIBROSIS

GS DISEASES
... FIBROSIS
... **CYSTIC FIBROSIS**
RT TISSUES (BIOLOGY)

CYSTS

GS CYSTS
... MUCOCELES
RT NEOPLASMS
TISSUES (BIOLOGY)
TUMORS

CYTIDYLIC ACID

GS ACIDS
... **CYTIDYLIC ACID**
HETEROCYCLIC COMPOUNDS
... **CYTIDYLIC ACID**

CYTOCHROMES

GS PIGMENTS
... **CYTOCHROMES**
RT CYTOGENESIS
SKIN (ANATOMY)

CYTOGENESIS

RT ∞ BIOLOGY
 CELLS (BIOLOGY)
 CYTOCHROMES
 CYTOLOGY
 CYTOPLASM
 DIFFERENTIATION (BIOLOGY)
 GENETICS
 HEREDITY

CYTOLOGY

RT BIOCHEMISTRY
 ∞ BIOLOGY
 CELLS (BIOLOGY)
 CHROMOSOMES
 CYTOGENESIS
 MITOCHONDRIA
 MITOSIS
 PLASMOLYSIS

CYTOPLASM

RT CHLOROPLASTS
 CYTOGENESIS
 EOSINOPHILS
 FIBROBLASTS
 MITOSIS

CZECHOSLOVAKIA

RT CENTRAL EUROPE
 CZECHOSLOVAKIAN SPACECRAFT
 EUROPE
 NATIONS

CZECHOSLOVAKIAN SPACECRAFT

RT CZECHOSLOVAKIA
 ∞ SPACECRAFT

CZOCHRALSKI METHOD

GS GROWTH
 . CRYSTAL GROWTH
 . . CZOCHRALSKI METHOD
 RT ∞ METHODOLOGY
 VERNEUIL PROCESS

D**D LAYER**

USE D REGION

D LINES

GS SPECTRA
 . RADIATION SPECTRA
 . . ELECTROMAGNETIC SPECTRA
 . . . LINE SPECTRA
 D LINES
 RT ABSORPTION SPECTRA
 EMISSION SPECTRA
 H LINES
 SOLAR SPECTRA

D REGION

UF D LAYER
 GS EARTH ATMOSPHERE
 . UPPER ATMOSPHERE
 . . IONOSPHERE
 . . . LOWER IONOSPHERE
 D REGION
 REGIONS
 . D REGION

D-1 SATELLITE

GS SATELLITES
 . ARTIFICIAL SATELLITES
 . . FRENCH SATELLITES
 . . . D-1 SATELLITE
 EARTH SATELLITES
 FRENCH SATELLITES
 D-1 SATELLITE

D-2 SATELLITES

UF D-2B SATELLITE
 POLAIRE SATELLITE
 TOURNESOLE SATELLITE
 GS SATELLITES
 . ARTIFICIAL SATELLITES
 . . FRENCH SATELLITES
 . . . D-2 SATELLITES
 METEOROLOGICAL SATELLITES
 D-2 SATELLITES
 EARTH SATELLITES
 FRENCH SATELLITES

D-2 SATELLITES-(CONT.)

. . . D-2 SATELLITES
 . . . METEOROLOGICAL SATELLITES
 . . . D-2 SATELLITES

D-2B SATELLITE

USE D-2 SATELLITES

D-6 ROCKET VEHICLE

GS ROCKET VEHICLES
 . MULTISTAGE ROCKET VEHICLES
 . . D-6 ROCKET VEHICLE

D-558 AIRCRAFT

UF DOUGLAS D-558 AIRCRAFT
 SKYROCKET AIRCRAFT
 SKYSTREAK AIRCRAFT
 GS JET AIRCRAFT
 . D-558 AIRCRAFT
 MCDONNELL DOUGLAS AIRCRAFT
 . DOUGLAS AIRCRAFT
 . . D-558 AIRCRAFT
 MONOPLANES
 . D-558 AIRCRAFT
 RESEARCH AIRCRAFT
 . D-558 AIRCRAFT
 SUPERSONIC AIRCRAFT
 . D-558 AIRCRAFT

DACRON (TRADEMARK)

GS FABRICS
 . DACRON (TRADEMARK)
 FIBERS
 . SYNTHETIC FIBERS
 . . DACRON (TRADEMARK)
 RT POLYESTER RESINS
 REINFORCING FIBERS

DAD EXPLORER

USE DUAL AIR DENSITY EXPLORER

DAEMO (DATA ANALYSIS)

USE DATA PROCESSING
 DATA REDUCTION
 DATA TRANSMISSION

DAHOMEY

RT AFRICA
 NATIONS

DAIMLER-BENZ PTL-6 GAS TURBINE ENGINE

USE PTL-6 ENGINE

DAKOTA AIRCRAFT

USE C-47 AIRCRAFT

DALTON LAW

RT GAS COMPOSITION
 GAS DYNAMICS
 GAS-GAS INTERACTIONS
 IDEAL GAS
 PARTIAL PRESSURE
 VAPOR PRESSURE

DAMAGE

GS DAMAGE
 . CUMULATIVE DAMAGE
 . EARTHQUAKE DAMAGE
 . FIRE DAMAGE
 . FLOOD DAMAGE
 . FROST DAMAGE
 . IMPACT DAMAGE
 . . METEORITIC DAMAGE
 . . RAIN IMPACT DAMAGE
 . . PROTON DAMAGE
 . RADIATION DAMAGE
 . . LASER DAMAGE
 . STORM DAMAGE
 RT BURNTHROUGH (FAILURE)
 CORROSION
 DAMAGE ASSESSMENT
 DECAY
 DECOMPOSITION
 DEFECTS
 DEFORMATION
 DEGRADATION
 DESTRUCTION
 DETERIORATION
 DISCOLORATION
 DISINTEGRATION
 DURABILITY
 FATIGUE (BIOLOGY)
 FATIGUE (MATERIALS)
 FRACTURES (MATERIALS)

DAMAGE-(CONT.)

HOT CORROSION
 IMMOBILIZATION
 IMPAIRMENT
 INJURIES
 LETHALITY
 LOSSES
 RADIATION EFFECTS
 SABOTAGE
 WARPAGE
 WEAR
 WEATHERING

DAMAGE ASSESSMENT

GS ASSESSMENTS
 . DAMAGE ASSESSMENT
 RT CASTS
 COSTS
 DAMAGE
 ESTIMATES
 MAINTENANCE
 RECOVERABILITY
 REPLACING
 SPARE PARTS
 VALUE

DAMAGE THRESHOLD

USE YIELD POINT

DAMP PROGRAM

USE DOWNRANGE ANTIMISSILE
 MEASUREMENT PROGRAM

∞ DAMPERS

SN (USE OF A MORE SPECIFIC TERM IS
 RECOMMENDED--CONSULT THE TERMS
 LISTED BELOW)
 RT BLANKETS (FISSION REACTORS)
 DAMPERS (VALVES)
 NUTATION DAMPERS
 OSCILLATION DAMPERS
 VIBRATION ISOLATORS

DAMPERS (VALVES)

GS VALVES
 . BUTTERFLY VALVES
 . . DAMPERS (VALVES)
 RT AUTOMATIC CONTROL VALVES
 ∞ DAMPERS
 GAS VALVES
 VIBRATION ISOLATORS

DAMPING

UF DAMPING FACTOR
 DAMPING IN PITCH
 DAMPING IN ROLL
 DAMPING IN YAW
 ELASTIC STABILITY
 JET DAMPING
 GS DAMPING
 . ELASTIC DAMPING
 . . VISCOELASTIC DAMPING
 . LANDAU DAMPING
 . VIBRATION DAMPING
 . VISCOUS DAMPING
 . . VISCOELASTIC DAMPING
 RT ∞ ABSORPTION
 ATTENUATION
 BAFFLES
 DECELERATION
 DISSIPATION
 DYNAMIC CHARACTERISTICS
 DYNAMIC RESPONSE
 DYNAMIC STABILITY
 ENERGY ABSORPTION
 GYROSCOPE FLUIDS
 GYROSCOPIC PENDULUMS
 GYROSCOPIC STABILITY
 HYSTERESIS
 IMPEDANCE
 INSULATION
 INTERNAL FRICTION
 MECHANICAL IMPEDANCE
 MUFFLERS
 NEGATIVE FEEDBACK
 OSCILLATIONS
 ∞ REDUCTION
 ∞ RESISTANCE
 RESONANT FREQUENCIES
 RESONANT VIBRATION
 RETARDING
 SEA KEEPING
 SHOCK ABSORBERS
 SILENCERS
 STABILITY DERIVATIVES

DAMPING FACTOR

DAMPING-(CONT.)

STOPPING
SUBHARMONIC GENERATORS
SUPPRESSORS
TIME CONSTANT
TRANSFER FUNCTIONS
TRANSIENT OSCILLATIONS
TRANSIENT RESPONSE
VIBRATION ISOLATORS
WAVE INTERACTION

DAMPING FACTOR

USE DAMPING

DAMPING IN PITCH

USE DAMPING
PITCH (INCLINATION)

DAMPING IN ROLL

USE DAMPING
ROLL

DAMPING IN YAW

USE DAMPING
YAW

DAMPING TESTS

GS VIBRATION TESTS
. DAMPING TESTS
. STROKING TESTS
RT RESONANCE TESTING
STABILITY TESTS
VIBRATION MEASUREMENT

DAMPNESS

USE MOISTURE CONTENT

DAMS

RT ∞ BARRAGES
∞ BARRIERS
HYDROELECTRICITY
RESERVOIRS
WHARVES

DANGER

USE HAZARDS

DARD TARGET

GS TARGETS
. DARD TARGET

DARK ADAPTATION

GS ADAPTATION
. RETINAL ADAPTATION
. DARK ADAPTATION
RT DARKNESS
NIGHT VISION
PUPILLOMETRY
VISION
VISUAL PIGMENTS

DARKENING

GS DARKENING
. LIMB DARKENING
RT DARKNESS
∞ ILLUMINATION
NIGHT
VISIBILITY

DARKNESS

RT COLOR
DARK ADAPTATION
DARKENING
DIURNAL VARIATIONS
ILLUMINATING
∞ ILLUMINATION
LIGHT (VISIBLE RADIATION)
NIGHT
NIGHT FLIGHTS (AIRCRAFT)
OPTICAL PROPERTIES
SHADOWS

DARKROOMS

GS ROOMS
. DARKROOMS
RT PHOTOGRAPHIC PROCESSING
PHOTOGRAPHIC PROCESSING
EQUIPMENT
PHOTOGRAPHY

DART TURBOPROP ENGINES

USE TURBOPROP ENGINES

DASH HELICOPTER

USE QH-50 HELICOPTER

DASSAULT AIRCRAFT

GS DASSAULT AIRCRAFT
. MIRAGE AIRCRAFT
. MIRAGE 3 AIRCRAFT
. MYSTERE 20 AIRCRAFT
RT ∞ AIRCRAFT
MYSTERE 50 AIRCRAFT

DASSAULT MIRAGE 3 AIRCRAFT

USE MIRAGE 3 AIRCRAFT

DASSAULT MYSTERE 20 AIRCRAFT

USE MYSTERE 20 AIRCRAFT

DASSAULT MYSTERE 50 AIRCRAFT

USE MYSTERE 50 AIRCRAFT

∞ DATA

SN (USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)
RT ANALOG DATA
BINARY DATA
BIOMEDICAL DATA
CENSORED DATA (MATHEMATICS)
CONTROL DATA (COMPUTERS)
DATA PROCESSING
DATUM (ELEVATION)
DIGITAL DATA
INFORMATION
∞ MEASUREMENT
RADAR DATA
RECORDS
STATISTICAL ANALYSIS
STATISTICAL TESTS
∞ STATISTICS
TABLES (DATA)
VIDEO DATA

DATA ACQUISITION

GS ACQUISITION
. DATA ACQUISITION
RT ADVANCED RANGE INSTRUMENTATION
AIRCRAFT
ANALOG TO DIGITAL CONVERTERS
AUTOMATIC WEATHER STATIONS
COUNTING
DEEP SPACE INSTRUMENTATION
FACILITY
DETECTION
EARTH OBSERVATIONS (FROM SPACE)
END-TO-END DATA SYSTEMS
FORMS (PAPER)
GLOBAL TRACKING NETWORK
GROUND STATIONS
INFRARED RADIOMETERS
METEOROLOGICAL RESEARCH
AIRCRAFT
NEEDS (DATA SYSTEM)
NEWS MEDIA
OBSERVATION
OCEAN DATA ACQUISITIONS SYSTEMS
OPTICAL DATA PROCESSING
OPTICAL SCANNERS
REMOTE SENSORS
∞ SENSORS
SPACE FLIGHT TRACKING AND DATA
NETWORK
STDN (NETWORK)
SURVEYS
TABLES (DATA)
TRACKING NETWORKS

DATA ADAPTIVE EVALUATOR/MONITOR

USE DATA PROCESSING
DATA REDUCTION
DATA TRANSMISSION

DATA ANALYSIS

USE DATA PROCESSING
DATA REDUCTION

DATA BASE MANAGEMENT SYSTEMS

RT DATA BASES
DATA MANAGEMENT
INFORMATION MANAGEMENT
MANAGEMENT INFORMATION SYSTEMS

DATA BASES

RT ∞ BASES
DATA BASE MANAGEMENT SYSTEMS

NASA THESAURUS (VOLUME 1)

DATA BUSES

USE CHANNELS (DATA TRANSMISSION)

DATA COLLECTION PLATFORMS

RT AUTOMATIC WEATHER STATIONS
GROUND STATIONS
INSTRUMENT PACKAGES
INTEGRATED GLOBAL OCEAN STATION
SYSTEMS
REMOTE SENSORS

DATA COMPACTION

USE DATA COMPRESSION

DATA COMPRESSION

UF DATA COMPACTION
RT CURVE FITTING
DECODING
FOURIER ANALYSIS
TELECOMMUNICATION
TELEMETRY

DATA CONVERSION ROUTINES

GS DATA CONVERSION ROUTINES
. SUBROUTINES
RT ALGORITHMS
COMPILERS
COMPUTER PROGRAMS
∞ ROUTINES

DATA CONVERTERS

GS DATA CONVERTERS
. ANALOG TO DIGITAL CONVERTERS
. BINARY TO DECIMAL CONVERTERS
. DECIMAL TO BINARY CONVERTERS
. DIGITAL TO ANALOG CONVERTERS
RT ANALOG CIRCUITS
ANALOG DATA
COMPUTERS
CONVERSION TABLES
∞ CONVERTERS
DECODERS
DIGITAL DATA
TRANSDUCERS
VIDEO DATA

DATA CORRELATION

GS CORRELATION
. DATA CORRELATION
. SIGNAL ANALYSIS
DATA PROCESSING
. DATA CORRELATION
. SIGNAL ANALYSIS
RT ANGULAR CORRELATION
AUTOCORRELATION
CROSS CORRELATION
STATISTICAL ANALYSIS
STATISTICAL CORRELATION

DATA HANDLING SYSTEMS

USE DATA SYSTEMS

DATA LINKS

GS TELECOMMUNICATION
. DATA LINKS
RT CHANNELS (DATA TRANSMISSION)
COMMUNICATION NETWORKS
DECOMMUTATORS
DISCRETE ADDRESS BEACON SYSTEM
FREQUENCY REUSE
RADIO RECEIVERS
RADIO RELAY SYSTEMS
REMOTE CONSOLES
SITE DATA PROCESSORS
TELEMETRY
WIRELESS COMMUNICATION

DATA MANAGEMENT

GS MANAGEMENT
. DATA MANAGEMENT
RT DATA BASE MANAGEMENT SYSTEMS
ON-LINE SYSTEMS
SURVEYS
TABLES (DATA)

DATA PROCESSING

SN (MECHANICAL OR ELECTRONIC
MANIPULATION OF DATA)
UF AUTOMATIC DATA PROCESSING
DAEMO (DATA ANALYSIS)
DATA ADAPTIVE EVALUATOR/MONITOR
DATA ANALYSIS
GS DATA PROCESSING

DATA PROCESSING-(CONT.)

. ASSOCIATIVE PROCESSING
 (COMPUTERS)
 . ATMOSPHERIC & OCEANOGRAPHIC
 INFORM SYS
 . BATCH PROCESSING
 . CENSORED DATA (MATHEMATICS)
 . CENTRAL ELECTRONIC MANAGEMENT
 SYSTEM
 . DATA CORRELATION
 . SIGNAL ANALYSIS
 . DATA REDUCTION
 . DATA SMOOTHING
 . DATA RETRIEVAL
 . DATA STORAGE
 . KARHUNEN-LOEVE EXPANSION
 . MULTIPROCESSING (COMPUTERS)
 . PIPELINING (COMPUTERS)
 . OPTICAL DATA PROCESSING
 . SCENE ANALYSIS
 . PARALLEL PROCESSING (COMPUTERS)
 . SIGNAL PROCESSING
 . VOICE DATA PROCESSING
 RT ACCESS TIME
 ADJOINTS
 AIRBORNE/SPACEBORNE COMPUTERS
 ANALOG DATA
 ∞ AUTOMATION
 AUXILIARY EQUIPMENT (COMPUTERS)
 BINARY DATA
 BINARY TO DECIMAL CONVERTERS
 BUBBLE MEMORY DEVICES
 CHANNELS (DATA TRANSMISSION)
 COMPUTATION
 COMPUTER INFORMATION SECURITY
 COMPUTER PROGRAMS
 COMPUTER SYSTEMS PROGRAMS
 COMPUTERS
 DECIMAL TO BINARY CONVERTERS
 DIGITAL COMPUTERS
 DIGITAL DATA
 EDITING
 EDITING ROUTINES (COMPUTERS)
 END-TO-END DATA SYSTEMS
 FIXED POINT ARITHMETIC
 FLOATING POINT ARITHMETIC
 IMAGE PROCESSING
 INFORMATION RETRIEVAL
 INFORMATION THEORY
 INTERROGATION
 LANGUAGE PROGRAMMING
 MECHANIZATION
 MICROPROCESSORS
 NATURAL LANGUAGE (COMPUTERS)
 NEEDS (DATA SYSTEM)
 ON-LINE SYSTEMS
 ∞ PROCESSING
 RCA COMPUTERS
 RECORDS
 RESPONSE TIME (COMPUTERS)
 SITE DATA PROCESSORS
 SYMBOLS
 SYSTEMS ENGINEERING
 TABLES (DATA)
 TABULATION PROCESSES
 TELECOMMUNICATION
 WORD PROCESSING

DATA PROCESSING EQUIPMENT

UF DATA PROCESSORS
 GS DATA PROCESSING EQUIPMENT
 . AUXILIARY EQUIPMENT (COMPUTERS)
 . PRINTERS (DATA PROCESSING)
 . COMPUTERS
 . AIRBORNE/SPACEBORNE
 COMPUTERS
 . ANALOG COMPUTERS
 . . . EAI 680 COMPUTER
 . . . HONEYWELL 600/6000 COMPUTER
 . . . SIGMA 5 COMPUTER
 . . . UNIVAC 1100 SERIES COMPUTERS
 . . . CDC COMPUTERS
 . . . CDC CYBER 74 COMPUTER
 . . . CDC CYBER 170 SERIES
 COMPUTERS
 . . . CDC CYBER 175 COMPUTER
 . . . CDC CYBER 174 COMPUTER
 . . . CDC CYBER 203 COMPUTER
 . . . CDC STAR 100 COMPUTER
 . . . CDC 160-A COMPUTER
 . . . CDC 1604 COMPUTER
 . . . CDC 3000 COMPUTER
 . . . CDC 3100 COMPUTER
 . . . CDC 3200 COMPUTER
 . . . CDC 3600 COMPUTER
 . . . CDC 3800 COMPUTER

DATA PROCESSING EQUIPMENT-(CONT.)

. . . CDC 6000 SERIES COMPUTERS
 . . . CDC 6400 COMPUTER
 . . . CDC 6600 COMPUTER
 . . . CDC 6700 COMPUTER
 . . . CDC 7000 SERIES COMPUTERS
 . . . CDC 7600 COMPUTER
 . . . CDC 8090 COMPUTER
 . . . COUNTING RATE COMPUTERS
 . . . DDP COMPUTERS
 . . . DDP 516 COMPUTER
 . . . DIGITAL COMPUTERS
 . . . BURROUGHS 220 COMPUTER
 . . . CDC CYBER 74 COMPUTER
 . . . CDC CYBER 170 SERIES
 COMPUTERS
 . . . CDC CYBER 174 COMPUTER
 . . . CDC CYBER 203 COMPUTER
 . . . CDC STAR 100 COMPUTER
 . . . CDC 160-A COMPUTER
 . . . CDC 1604 COMPUTER
 . . . CDC 3000 COMPUTER
 . . . CDC 3100 COMPUTER
 . . . CDC 3200 COMPUTER
 . . . CDC 3600 COMPUTER
 . . . CDC 3800 COMPUTER
 . . . CDC 6000 SERIES COMPUTERS
 . . . CDC 6400 COMPUTER
 . . . CDC 6600 COMPUTER
 . . . CDC 6700 COMPUTER
 . . . CDC 7000 SERIES COMPUTERS
 . . . CDC 7600 COMPUTER
 . . . CDC 8090 COMPUTER
 . . . EAI 680 COMPUTER
 . . . EAI 8400 COMPUTER
 . . . EAI 8900 COMPUTER
 . . . EMR 6050 COMPUTER
 . . . FERRANTI MERCURY COMPUTER
 . . . GE COMPUTERS
 . . . GE 235 COMPUTER
 . . . GE 625 COMPUTER
 . . . GE 635 COMPUTER
 . . . HEWLETT-PACKARD COMPUTERS
 . . . HONEYWELL COMPUTERS
 . . . DDP 516 COMPUTER
 . . . HONEYWELL ADEPT COMPUTER
 . . . HONEYWELL DDP 116 COMPUTER
 . . . HONEYWELL 600/6000 COMPUTER
 . . . IBM 360 COMPUTER
 . . . IBM 370 COMPUTER
 . . . IBM 650 COMPUTER
 . . . IBM 704 COMPUTER
 . . . IBM 709 COMPUTER
 . . . IBM 1130 COMPUTER
 . . . IBM 1401 COMPUTER
 . . . IBM 1410 COMPUTER
 . . . IBM 1620 COMPUTER
 . . . IBM 2250 COMPUTER
 . . . IBM 7000 SERIES COMPUTERS
 . . . IBM 7030 COMPUTER
 . . . IBM 7040 COMPUTER
 . . . IBM 7044 COMPUTER
 . . . IBM 7070 COMPUTER
 . . . IBM 7074 COMPUTER
 . . . IBM 7090 COMPUTER
 . . . IBM 7094 COMPUTER
 . . . ICL COMPUTERS
 . . . ILLIAC COMPUTERS
 . . . ILLIAC 3 COMPUTER
 . . . ILLIAC 4 COMPUTER
 . . . MICROCOMPUTERS
 . . . MINICOMPUTERS
 . . . MODCOMP II COMPUTER
 . . . MODCOMP IV COMPUTER
 . . . PARALLEL COMPUTERS
 . . . PDP COMPUTERS
 . . . PDP 7 COMPUTER
 . . . PDP 8 COMPUTER
 . . . PDP 9 COMPUTER
 . . . PDP 11 COMPUTER
 . . . PDP 11/20 COMPUTER
 . . . PDP 11/40 COMPUTER
 . . . PDP 11/45 COMPUTER
 . . . PDP 11/50 COMPUTER
 . . . PDP 11/70 COMPUTER
 . . . PDP 12 COMPUTER
 . . . SYSTEM 10 COMPUTER
 . . . PDP 15 COMPUTER
 . . . PHILCO 2000 COMPUTER
 . . . RAYTHEON COMPUTERS
 . . . RCA SPECTRA 70 COMPUTER
 . . . SDS 900 SERIES COMPUTERS
 . . . SDS 920 COMPUTER
 . . . SDS 930 COMPUTER
 . . . SDS 9300 COMPUTER
 . . . SEL COMPUTERS

DATA PROCESSING EQUIPMENT-(CONT.)

. . . SEQUENTIAL COMPUTERS
 . . . SIGMA COMPUTERS
 . . . SIGMA 2 COMPUTER
 . . . SIGMA 9 COMPUTER
 . . . SIGMA 5 COMPUTER
 . . . SOLOMON COMPUTERS
 . . . UNIVAC LARC COMPUTER
 . . . UNIVAC 80 COMPUTER
 . . . UNIVAC 418 COMPUTER
 . . . UNIVAC 490 COMPUTER
 . . . UNIVAC 494 COMPUTER
 . . . UNIVAC 1005 COMPUTER
 . . . UNIVAC 1100 SERIES COMPUTERS
 . . . UNIVAC 1105 COMPUTER
 . . . UNIVAC 1106 COMPUTER
 . . . UNIVAC 1107 COMPUTER
 . . . UNIVAC 1108 COMPUTER
 . . . UNIVAC 1110 COMPUTER
 . . . UNIVAC 1230 COMPUTER
 . . . UNIVAC 1824 COMPUTER
 . . . VAX-11 SERIES COMPUTERS
 . . . VAX-11/780 COMPUTER
 . . . HYBRID COMPUTERS
 . . . IBM COMPUTERS
 . . . IBM 360 COMPUTER
 . . . IBM 370 COMPUTER
 . . . IBM 650 COMPUTER
 . . . IBM 704 COMPUTER
 . . . IBM 709 COMPUTER
 . . . IBM 1130 COMPUTER
 . . . IBM 1401 COMPUTER
 . . . IBM 1410 COMPUTER
 . . . IBM 1620 COMPUTER
 . . . IBM 2250 COMPUTER
 . . . IBM 7000 SERIES COMPUTERS
 . . . IBM 7030 COMPUTER
 . . . IBM 7040 COMPUTER
 . . . IBM 7044 COMPUTER
 . . . IBM 7070 COMPUTER
 . . . IBM 7074 COMPUTER
 . . . IBM 7090 COMPUTER
 . . . IBM 7094 COMPUTER
 . . . INTERCOM 1000 COMPUTER
 . . . MINOS COMPUTER
 . . . ORDVAC COMPUTER
 . . . PEGASUS COMPUTER
 . . . RCA COMPUTERS
 . . . RCA SPECTRA 70 COMPUTER
 . . . RCA-110 COMPUTERS
 . . . SIEMENS 2002 COMPUTER
 . . . SITE DATA PROCESSORS
 . . . UNIVAC COMPUTERS
 . . . UNIVAC LARC COMPUTER
 . . . UNIVAC 80 COMPUTER
 . . . UNIVAC 418 COMPUTER
 . . . UNIVAC 490 COMPUTER
 . . . UNIVAC 494 COMPUTER
 . . . UNIVAC 1005 COMPUTER
 . . . UNIVAC 1100 SERIES COMPUTERS
 . . . UNIVAC 1105 COMPUTER
 . . . UNIVAC 1106 COMPUTER
 . . . UNIVAC 1107 COMPUTER
 . . . UNIVAC 1108 COMPUTER
 . . . UNIVAC 1110 COMPUTER
 . . . UNIVAC 1230 COMPUTER
 . . . UNIVAC 1824 COMPUTER
 . . . DATA PROCESSING TERMINALS
 . . . MICROPROCESSORS
 . . . INTEL 8080 MICROPROCESSOR
 RT BATCH PROCESSING
 COMPUTER COMPATIBLE TAPES
 COMPUTER SYSTEMS SIMULATION
 CONTROL UNITS (COMPUTERS)
 DIGITAL RADAR SYSTEMS
 ∞ EQUIPMENT
 INTERFACES
 MULTIPROCESSING (COMPUTERS)
 OPTICAL DATA PROCESSING
 PIPELINING (COMPUTERS)
 PRINTERS
 REMOTE CONSOLES
 SIMULATION
 DATA PROCESSING TERMINALS
 GS DATA PROCESSING EQUIPMENT
 . DATA PROCESSING TERMINALS
 RT COMPUTER GRAPHICS
 CONSOLES
 MAN MACHINE SYSTEMS
 REMOTE CONSOLES
 DATA PROCESSORS
 USE DATA PROCESSING EQUIPMENT

DATA READOUT SYSTEMS

DATA READOUT SYSTEMS

USE DATA SYSTEMS
DISPLAY DEVICES

DATA RECORDERS

RT BUBBLE MEMORY DEVICES
BUBBLE TECHNIQUE
COUNTERS
DISPLAY DEVICES
MONITORS
PUNCHED CARDS
∞ RECORDERS
RECORDING INSTRUMENTS
TAPE RECORDERS
VIDEO DISKS

DATA RECORDING

GS RECORDING
. DATA RECORDING
RT BUBBLE MEMORY DEVICES
MAGNETIC RECORDING
MAGNETIC STORAGE
OPTICAL DATA STORAGE MATERIALS
PHOTOGRAPHIC RECORDING
PUNCHED CARDS
PUNCHED TAPES
RECORDING HEADS
RECORDS
TABLES (DATA)
TABULATION PROCESSES
VIDEO DISKS

DATA REDUCTION

UF DAEMO (DATA ANALYSIS)
DATA ADAPTIVE EVALUATOR/MONITOR
DATA ANALYSIS
TARE (DATA REDUCTION)
GS DATA PROCESSING
. DATA REDUCTION
. DATA SMOOTHING
RT COMPUTATION
EDITING
∞ REDUCTION
TABLES (DATA)

DATA RETRIEVAL

GS DATA PROCESSING
. DATA RETRIEVAL
RETRIEVAL
RT . DATA RETRIEVAL
DOCUMENTATION
INFORMATION MANAGEMENT
INFORMATION RETRIEVAL
INTERSERVICE DATA EXCHANGE
PROGRAM
LIBRARIES
MANAGEMENT INFORMATION SYSTEMS
MICROFILMS
SEARCH PROFILES
TABLES (DATA)
TELEMETRY
WORLD DATA CENTERS

DATA SAMPLING

UF SAMPLED DATA
SAMPLED DATA SYSTEMS
GS SAMPLING
. DATA SAMPLING
RT COMPUTER SYSTEMS PERFORMANCE
QUALITY CONTROL
TELECOMMUNICATION
TIME SERIES ANALYSIS

DATA SMOOTHING

GS DATA PROCESSING
. DATA REDUCTION
. DATA SMOOTHING
RECORDING
. DATA SMOOTHING
SMOOTHING
RT . DATA SMOOTHING
CURVE FITTING

DATA STORAGE

GS DATA PROCESSING
. DATA STORAGE
RT BUBBLE MEMORY DEVICES
BUFFER STORAGE
CARDS
CORE STORAGE
DOCUMENT STORAGE
FLIP-FLOPS
HOLOGRAPHY
INFORMATION MANAGEMENT

DATA STORAGE-(CONT.)

INTERSERVICE DATA EXCHANGE
PROGRAM
MAGNETIC STORAGE
MANAGEMENT INFORMATION SYSTEMS
MICROFILMS
MICROPHOTOGRAPHS
OPTICAL DATA STORAGE MATERIALS
PUNCHED CARDS
SELECTIVE DISSEMINATION OF
INFORMATION
∞ STORAGE
VIDEO DISKS
WHITE LIGHT HOLOGRAPHY
WORLD DATA CENTERS

DATA SYSTEMS

UF DATA HANDLING SYSTEMS
DATA READOUT SYSTEMS
GS DATA SYSTEMS
. NEEDS (DATA SYSTEM)
RT ATMOSPHERIC & OCEANOGRAPHIC
INFORM SYS
CONTROL DATA (COMPUTERS)
DIGITAL SYSTEMS
END-TO-END DATA SYSTEMS
MANAGEMENT INFORMATION SYSTEMS
∞ SYSTEMS

DATA TRANSMISSION

UF DAEMO (DATA ANALYSIS)
DATA ADAPTIVE EVALUATOR/MONITOR
INFORMATION TRANSMISSION
TRANSMISSION
GS . SIGNAL TRANSMISSION
. DATA TRANSMISSION
. . . AUTOMATIC PICTURE
TRANSMISSION
. . . MULTIPLE ACCESS
. . . CODE DIVISION MULTIPLE ACCESS
. . . FREQUENCY DIVISION MULTIPLE
ACCESS
. . . SINGLE CHANNEL PER CARRIER
TRANSMISSION
RT ACCESS CONTROL
CARRIER TO NOISE RATIOS
CHANNELS (DATA TRANSMISSION)
CODE DIVISION MULTIPLEXING
CODING
COMMUNICATION THEORY
CONCATENATED CODES
DEEP SPACE INSTRUMENTATION
FACILITY
FM/PM (MODULATION)
FREQUENCY DIVISION MULTIPLEXING
INFORMATION THEORY
INTERSYMBOLIC INTERFERENCE
LASER APPLICATIONS
MODEMS
MULTIPLEXING
PACKET SWITCHING
PACKET TRANSMISSION
PACKETS (COMMUNICATION)
PULSE COMMUNICATION
RADIO TELEMETRY
RADIO TRANSMISSION
READING
REDUNDANCY ENCODING
SATELLITE TRANSMISSION
TDR SATELLITES
TELECOMMUNICATION
TELEMETRY
TRANSMISSION EFFICIENCY
VIDEO DATA
WIRELESS COMMUNICATION

DATING

USE CHRONOLOGY
TIME MEASUREMENT

DATUM (ELEVATION)

RT CLEARANCES
CONTOURS
∞ DATA
ELEVATION ANGLE
HYPSOGRAPHY
LEVELING
MAPS
SURVEYS

DAWN CHORUS

UF CHORUS (DAWN PHENOMENON)
CHORUS PHENOMENON
GS ATMOSPHERIC RADIATION
. DAWN CHORUS

NASA THESAURUS (VOLUME 1)

DAWN CHORUS-(CONT.)

ELECTROMAGNETIC INTERFERENCE
. RADIO FREQUENCY INTERFERENCE
. . . BLACKOUT (PROPAGATION)
. . . ELECTROMAGNETIC NOISE
. ATMOSPHERICS
. IONOSPHERICS
. DAWN CHORUS
RT AURORAS
MAGNETIC STORMS
WHISTLERS

DAWSONITE

GS MINERALS
. DAWSONITE
RT ALUMINUM
SODIUM

DAYGLOW

GS ATMOSPHERIC RADIATION
. SKY RADIATION
. . DAYGLOW
ELECTROMAGNETIC RADIATION
. LIGHT (VISIBLE RADIATION)
. . SKY RADIATION
. . . DAYGLOW
RT AIRGLOW
GLARE
LIGHT SOURCES
SKY
SOLAR RADIATION
TWILIGHT GLOW
ULTRAVIOLET RADIATION

DAYTIME

RT DIURNAL VARIATIONS
EVENING
MORNING
NIGHT
NOON
SKY BRIGHTNESS

DC (CURRENT)

USE DIRECT CURRENT

DC 3 AIRCRAFT

UF DOUGLAS DC-3 AIRCRAFT
GS COMMERCIAL AIRCRAFT
. DC 3 AIRCRAFT
MCDONNELL DOUGLAS AIRCRAFT
. DOUGLAS AIRCRAFT
. . DC 3 AIRCRAFT
MONOPLANES
. DC 3 AIRCRAFT
TRANSPORT AIRCRAFT
. CARGO AIRCRAFT
. . DC 3 AIRCRAFT

DC 7 AIRCRAFT

UF DOUGLAS DC-7 AIRCRAFT
GS COMMERCIAL AIRCRAFT
. DC 7 AIRCRAFT
MCDONNELL DOUGLAS AIRCRAFT
. DOUGLAS AIRCRAFT
. . DC 7 AIRCRAFT
MONOPLANES
. DC 7 AIRCRAFT
TRANSPORT AIRCRAFT
. CARGO AIRCRAFT
. . DC 7 AIRCRAFT
RT PASSENGER AIRCRAFT

DC 8 AIRCRAFT

UF DOUGLAS DC-8 AIRCRAFT
GS COMMERCIAL AIRCRAFT
. DC 8 AIRCRAFT
JET AIRCRAFT
. TURBOFAN AIRCRAFT
. . DC 8 AIRCRAFT
MCDONNELL DOUGLAS AIRCRAFT
. DOUGLAS AIRCRAFT
. . DC 8 AIRCRAFT
MONOPLANES
. DC 8 AIRCRAFT
PASSENGER AIRCRAFT
. DC 8 AIRCRAFT
TRANSPORT AIRCRAFT
. DC 8 AIRCRAFT

DC 9 AIRCRAFT

UF DOUGLAS DC-9 AIRCRAFT
GS COMMERCIAL AIRCRAFT
. DC 9 AIRCRAFT
JET AIRCRAFT
. DC 9 AIRCRAFT

DC 9 AIRCRAFT-(CONT.)

MCDONNELL DOUGLAS AIRCRAFT
 . DOUGLAS AIRCRAFT
 . . **DC 9 AIRCRAFT**
 TRANSPORT AIRCRAFT
 . **DC 9 AIRCRAFT**

DC 10 AIRCRAFT

GS COMMERCIAL AIRCRAFT
 . **DC 10 AIRCRAFT**
 JET AIRCRAFT
 . **DC 10 AIRCRAFT**
 MCDONNELL DOUGLAS AIRCRAFT
 . DOUGLAS AIRCRAFT
 . . **DC 10 AIRCRAFT**
 . MCDONNELL AIRCRAFT
 . . **DC 10 AIRCRAFT**
 PASSENGER AIRCRAFT
 . **DC 10 AIRCRAFT**
 TRANSPORT AIRCRAFT
 . **DC 10 AIRCRAFT**
 RT TURBOFAN ENGINES

DDP COMPUTERS

GS DATA PROCESSING EQUIPMENT
 . COMPUTERS
 . . **DDP COMPUTERS**
 . . . DDP 516 COMPUTER
 RT DIGITAL COMPUTERS

DDP 516 COMPUTER

GS DATA PROCESSING EQUIPMENT
 . COMPUTERS
 . . DDP COMPUTERS
 . . . **DDP 516 COMPUTER**
 . DIGITAL COMPUTERS
 . . . HONEYWELL COMPUTERS
 **DDP 516 COMPUTER**

DDT

USE DICHLORODIPHENYLTRICHLOROETHANE

DE BROGLIE WAVELENGTHS

GS WAVELENGTHS
 . **DE BROGLIE WAVELENGTHS**
 RT ELEMENTARY PARTICLES
 MASS
 MOMENTUM
 PLANCKS CONSTANT
 QUANTUM THEORY
 VELOCITY
 WENTZEL-KRAMER-BRILLOUIN METHOD

DE HAVILLAND AIRCRAFT

GS **DE HAVILLAND AIRCRAFT**
 . COMET 4 AIRCRAFT
 . DH 108 AIRCRAFT
 . DH 110 AIRCRAFT
 . DH 112 AIRCRAFT
 . DH 115 AIRCRAFT
 . DH 121 AIRCRAFT
 . DH 125 AIRCRAFT
 . DHC 2 AIRCRAFT
 . DHC 4 AIRCRAFT
 . DHC 5 AIRCRAFT
 RT ∞ AIRCRAFT

DE HAVILLAND DH 106 AIRCRAFT

USE COMET 4 AIRCRAFT

DE HAVILLAND DH 108 AIRCRAFT

USE DH 108 AIRCRAFT

DE HAVILLAND DH 110 AIRCRAFT

USE DH 110 AIRCRAFT

DE HAVILLAND DH 112 AIRCRAFT

USE DH 112 AIRCRAFT

DE HAVILLAND DH 115 AIRCRAFT

USE DH 115 AIRCRAFT

DE HAVILLAND DH 121 AIRCRAFT

USE DH 121 AIRCRAFT

DE HAVILLAND DH 125 AIRCRAFT

USE DH 125 AIRCRAFT

DE HAVILLAND DHC 4 AIRCRAFT

USE DHC 4 AIRCRAFT

DE HAVILLAND DHC 5 AIRCRAFT

USE DHC 5 AIRCRAFT

DE HAVILLAND VENOM AIRCRAFT

USE DH 112 AIRCRAFT

DE LAVAL NOZZLES

USE CONVERGENT-DIVERGENT NOZZLES

DEACCLIMATIZATION

USE ACCLIMATIZATION

DEACON-ARROW ROCKET VEHICLE

GS ROCKET VEHICLES
 . MULTISTAGE ROCKET VEHICLES
 . . **DEACON-ARROW ROCKET VEHICLE**
 . SOUNDING ROCKETS
 . . **DEACON-ARROW ROCKET VEHICLE**
 RT SOLID PROPELLANT ROCKET ENGINES

DEACTIVATION

UF INACTIVATION
 RT ACTIVATION
 PASSIVITY
 POLARIZATION (CHARGE SEPARATION)
 POLARIZATION (SPIN ALIGNMENT)
 SABOTAGE
 SHUTDOWNS

DEAD RECKONING

GS NAVIGATION
 . **DEAD RECKONING**
 RT AIR NAVIGATION
 DIGITAL NAVIGATION
 DOPPLER NAVIGATION
 INERTIAL NAVIGATION
 POLAR NAVIGATION
 RADAR NAVIGATION
 RADIO NAVIGATION
 SURFACE NAVIGATION

DEADWEIGHT

USE STATIC LOADS

DEAFNESS

USE AUDITORY DEFECTS

DEATH

RT CASUALTIES
 EXPIRATION
 INJURIES
 LIFE SPAN
 MORTALITY

DEATH VALLEY (CA)

GS VALLEYS
 . **DEATH VALLEY (CA)**
 RT ARID LANDS
 CALIFORNIA
 DESERTS
 LANDFORMS
 RIVER BASINS

DEBONAIR AIRCRAFT

USE C-33 AIRCRAFT

DEBRIS

GS **DEBRIS**
 . SPACE DEBRIS
 RT EJECTA
 ENVIRONMENT EFFECTS
 FRAGMENTS
 GLACIAL DRIFT
 POLLUTION
 ∞ RADIOACTIVE DEBRIS
 SCRAP
 WASTES

DEBUGGING

USE CHECKOUT

DEBYE LENGTH

GS DISTANCE
 . **DEBYE LENGTH**
 RT PLASMAS (PHYSICS)

DEBYE TEMPERATURE

USE SPECIFIC HEAT

DEBYE-HUCKEL THEORY

RT DISSOCIATION
 ELECTROLYTES
 PLASMA POTENTIALS
 ∞ THEORIES

DEBYE-SCHERRER METHOD

RT CRYSTALLOGRAPHY
 DIFFRACTION

DECAMETRIC WAVES

GS ELECTROMAGNETIC RADIATION
 . RADIO WAVES
 . . **DECAMETRIC WAVES**
 RT CORONAL HOLES
 HIGH FREQUENCIES
 VERY HIGH FREQUENCIES

DECARBONATION

GS CHEMICAL REACTIONS
 . **DECARBONATION**
 RT CARBONIZATION

DECARBOXYLATION

GS CHEMICAL REACTIONS
 . **DECARBOXYLATION**
 RT CARBOXYLATION

DECARBURIZATION

RT CARBON
 CARBURIZING
 HEATING
 METAL WORKING

DECAY

GS **DECAY**
 . ACOUSTIC EMISSION
 . EMISSION
 . EXHAUST EMISSION
 . . LIGHT EMISSION
 . . . INCANDESCENCE
 . . . LUMINESCENCE
 BIOLUMINESCENCE
 CATHODE GLOW
 CATHODOLUMINESCENCE
 CHEMILUMINESCENCE
 ELECTROLUMINESCENCE
 FLUORESCENCE
 PHOSPHORESCENCE
 RESONANCE FLUORESCENCE
 X RAY FLUORESCENCE
 LUNAR LUMINESCENCE
 OPTICAL RESONANCE
 PHOTOLUMINESCENCE
 X RAY FLUORESCENCE
 SHOCK WAVE LUMINESCENCE
 SONOLUMINESCENCE
 THERMOLUMINESCENCE
 MICROWAVE EMISSION
 PARTICLE EMISSION
 ELECTRON EMISSION
 FIELD EMISSION
 PHOTOELECTRIC EMISSION
 SECONDARY EMISSION
 ION EMISSION
 NEUTRON EMISSION
 THERMIONIC EMISSION
 PHOTOELECTRIC EFFECT
 PHOTOIONIZATION
 RADIO EMISSION
 CN EMISSION
 HYDROXYL EMISSION
 SOLAR RADIO EMISSION
 SOLAR RADIO BURSTS
 TYPE 2 BURSTS
 TYPE 3 BURSTS
 TYPE 4 BURSTS
 TYPE 5 BURSTS
 SELF SUSTAINED EMISSION
 SPECTRAL EMISSION
 SPONTANEOUS EMISSION
 STIMULATED EMISSION
 WATER MASERS
 THERMAL EMISSION
 THERMIONIC EMISSION
 HALF LIFE
 NEUTRON DECAY
 NUCLEAR FISSION
 PHOTOPRODUCTION
 PLASMA DECAY
 RADIOACTIVE DECAY
 ALPHA DECAY
 NEUTRON EMISSION
 STRANGENESS
 WEAK ENERGY INTERACTIONS
 RT BIODEGRADABILITY
 BIODEGRADATION
 DAMAGE
 DEGRADATION
 DETERIORATION
 DISINTEGRATION

DECAY RATES

DECAY-(CONT.)

HOT ATOMS
RADIATIVE LIFETIME

DECAY RATES

GS RATES (PER TIME)
. DECAY RATES
. . . ELECTRON DECAY RATE

DECCA NAVIGATION

GS NAVIGATION
. RADIO NAVIGATION
. . . HYPERBOLIC NAVIGATION
. . . . DECCA NAVIGATION
RT DISTANCE MEASURING EQUIPMENT
LORAN
LORAN C
LORAN D
NAVIGATION AIDS
SHORAN
SOLAR COMPASSES
SURFACE NAVIGATION

DECELERATION

UF IMPACT DECELERATION
GS RATES (PER TIME)
. ACCELERATION (PHYSICS)
. . . DECELERATION
. . . . SPIN REDUCTION
RT ANGULAR ACCELERATION
BRAKING
DAMPING
IMPACT
IMPACT ACCELERATION
LANDING LOADS
PHYSIOLOGICAL ACCELERATION
∞ REDUCTION
RETARDING
RETROFIRING
RETROTHRUST
STOPPING
TAPERING
THRUST REVERSAL

DECELERATORS

USE BRAKES (FOR ARRESTING MOTION)

DECEPTION

RT AIR DEFENSE
CHAFF
ELECTRONIC COUNTERMEASURES
ELECTRONIC WARFARE
OPTICAL COUNTERMEASURES
SIMULATION

DECIDUOUS TREES

GS PLANTS (BOTANY)
. TREES (PLANTS)
. . . DECIDUOUS TREES
RT CONIFERS
EARTH RESOURCES
FOLIAGE
FORESTS
LEAVES
TIMBER IDENTIFICATION

DECIMAL TO BINARY CONVERTERS

GS DATA CONVERTERS
. DECIMAL TO BINARY CONVERTERS
RT BINARY DATA
BINARY TO DECIMAL CONVERTERS
COMPUTER COMPONENTS
DATA PROCESSING

DECIMALS

RT DIGITS
NUMBER THEORY
∞ NUMBERS

DECIMETER WAVES

GS ELECTROMAGNETIC RADIATION
. RADIO WAVES
. . . SHORT WAVE RADIATION
. . . . MICROWAVES
. DECIMETER WAVES
RT MILLIMETER WAVES
PLANETARY RADIATION
SOLAR RADIO EMISSION
ULTRAHIGH FREQUENCIES

DECISION ELEMENTS

USE LOGICAL ELEMENTS

DECISION MAKING

RT COGNITION
COMMAND AND CONTROL
CONTRACT MANAGEMENT
CONTRACT NEGOTIATION
DECISIONS
ECONOMY
JUDGMENTS
MANAGEMENT
MANAGEMENT METHODS
MANAGEMENT PLANNING
PROBLEM SOLVING
STARSITE PROGRAM
SYSTEMS ENGINEERING
TRADEOFFS

DECISION THEORY

GS DECISION THEORY
. STATISTICAL DECISION THEORY
RT DYNAMIC PROGRAMMING
EXPECTATION
GAME THEORY
INFORMATION THEORY
MARTINGALES
MATHEMATICAL MODELS
OPERATIONS RESEARCH
PROBABILITY THEORY
RECOMMENDATIONS
RISK
SCHEDULING
STATISTICAL ANALYSIS
STOCHASTIC PROCESSES
STRATEGY
∞ SYNTHESIS
SYSTEMS ENGINEERING
∞ THEORIES

DECISIONS

RT ∞ COMMANDS
CONTRACT MANAGEMENT
DECISION MAKING
JUDGMENTS
LOGIC CIRCUITS
MANAGEMENT
PROCUREMENT POLICY
PROJECT PLANNING
SELECTION

DECKS (FLOORS)

USE FLOORS

DECLINATION

RT MAPPING
NAVIGATION

DECODERS

RT BCH CODES
CODERS
DATA CONVERTERS
DECODING
DEMODULATORS
∞ TRANSLATORS

DECODING

GS CODING
. DECODING
RT BCH CODES
CONCATENATED CODES
CRYPTOGRAPHY
DATA COMPRESSION
DECODERS
DEMODULATION
DICTIONARIES
∞ INTERPRETATION
TRANSLATING

DECOMMISSIONING

RT RADIOACTIVE WASTES
UNDERGROUND STORAGE

DECOMMUTATORS

GS COMMUTATORS
. DECOMMUTATORS
RT DATA LINKS
DEMODULATORS
DIFFERENTIAL PULSE CODE
MODULATION
ELECTRIC MOTORS
∞ GENERATORS
PULSE CODE MODULATION
TELEMETRY

DECOMPOSITION

GS DECOMPOSITION

NASA THESAURUS (VOLUME 1)

DECOMPOSITION-(CONT.)

. AMMONOLYSIS
. CRACKING (CHEMICAL ENGINEERING)
. GLYCOLYSIS
. HYDROGENOLYSIS
. NITROLYSIS
. PHOTODECOMPOSITION
. PHOTODISSOCIATION
. PHOTOLYSIS
. . . RADIOLYSIS
. PROPELLANT DECOMPOSITION
. THERMAL DECOMPOSITION
RT ABLATION
BIODEGRADABILITY
BIODEGRADATION
CHARRING
DAMAGE
DEGRADATION
DETERIORATION
DISINTEGRATION
DISSOCIATION
ELECTROLYSIS
LATERITES
OVERVOLTAGE
STORAGE STABILITY
THERMAL DISSOCIATION

DECOMPRESSION

USE PRESSURE REDUCTION

DECOMPRESSION SICKNESS

UF BENDS (PHYSIOLOGY)
GS SICKNESSES
. DECOMPRESSION SICKNESS
RT AEROEMBOLISM
ALTITUDE SICKNESS
BAROTRAUMA
DIVING (UNDERWATER)

DECONDITIONING

GS BEHAVIOR
. DECONDITIONING
RT LEARNING
REFLEXES

DECONGESTANTS

GS DRUGS
. DECONGESTANTS
RT ANTIHISTAMINICS

DECONTAMINATION

GS STERILIZATION EFFECTS
. DECONTAMINATION
RT AIR PURIFICATION
ANTISEPTICS
CARBON DIOXIDE CONCENTRATION
CARBON DIOXIDE REMOVAL
CLEANING
CONTAMINANTS
CONTAMINATION
DEWAXING
DISPOSAL
DISSIPATION
ELIMINATION
EXHAUSTING
EXTENSIONS
∞ FOOD
POLLUTION
PURGING
PURIFICATION
PURITY
∞ REDUCTION
∞ SEPARATION
SPACECRAFT CONTAMINATION
STERILIZATION
WASHING

DECOUPLING

GS DECOUPLING
. SPIN DECOUPLING
RT COUPLING
DISCONNECT DEVICES
RELEASING

DECOYS

GS DECOYS
. BALLISTIC MISSILE DECOYS
. BLUE GOOSE MISSILE
. QUAIL MISSILE
. REENTRY DECOYS
RT COUNTERMEASURES
DUMMIES

DECREMENTING

USE REDUCTION

DEDUCTION

RT DERIVATION
INFERENCE

DEEP DRAWING

RT BULGING
COLD DRAWING
COLD WORKING
EXPLOSIVE FORMING
MAGNETIC FORMING
METAL WORKING
STRETCHING

DEEP SCATTERING LAYERS

RT ACOUSTIC SCATTERING
ECHO SOUNDING
∞ LAYERS
OCEANOGRAPHY
ORGANISMS
SCATTERING
SOUND WAVES
UNDERWATER ACOUSTICS

DEEP SPACE

GS ENVIRONMENTS
. AEROSPACE ENVIRONMENTS
. . . **DEEP SPACE**
. . . INTERPLANETARY SPACE
. . . INTERSTELLAR SPACE
. . . EXTRATERRESTRIAL ENVIRONMENTS
. . . **DEEP SPACE**
. . . INTERPLANETARY SPACE
. . . INTERSTELLAR SPACE
RT CISLUNAR SPACE
FRICTIONLESS ENVIRONMENTS
LONG DURATION SPACE FLIGHT
∞ SPACE

DEEP SPACE INSTRUMENTATION FACILITY

UF DSIF (INSTRUMENTATION FACILITY)
GS STATIONS
. GROUND STATIONS
. . . **DEEP SPACE INSTRUMENTATION FACILITY**
. TRACKING STATIONS
. . . **DEEP SPACE INSTRUMENTATION FACILITY**
RT DATA ACQUISITION
DATA TRANSMISSION
RADIO CONTROL

DEEP SPACE NETWORK

GS TRACKING NETWORKS
. **DEEP SPACE NETWORK**
RT ∞ NETWORKS
SPACECRAFT TRACKING

DEEP WELL INJECTION (WASTES)

GS INJECTION
. FLUID INJECTION
. . . LIQUID INJECTION
. . . **DEEP WELL INJECTION (WASTES)**
RT WASTE DISPOSAL

DEEPWATER TERMINALS

RT ARTIFICIAL HARBORS
CARGO SHIPS
MARINE TECHNOLOGY
MARINE TRANSPORTATION
OCEANOGRAPHY
OFFSHORE DOCKING
OFFSHORE ENERGY SOURCES
OFFSHORE PLATFORMS
SHIP TERMINALS
TANKER SHIPS
TANKER TERMINALS
∞ TANKERS
TERMINAL FACILITIES
TRANSPORTATION

DEER

GS ANIMALS
. VERTEBRATES
. . . MAMMALS
. . . **DEER**
. . . . CARIBOUS
RT GRAZING
LIVESTOCK

DEFECTS

UF FLAWS
IMPERFECTIONS
GS **DEFECTS**
. AUDITORY DEFECTS

DEFECTS-(CONT.)

. CRYSTAL DEFECTS
. . CRYSTAL DISLOCATIONS
. . . EDGE DISLOCATIONS
. . . SCREW DISLOCATIONS
. . POINT DEFECTS
. . . VACANCIES (CRYSTAL DEFECTS)
. . . . FRENKEL DEFECTS
. . INCLUSIONS
. . SPEECH DEFECTS
. . SURFACE DEFECTS
RT CASTINGS
CAVITIES
CRACKS
CUMULATIVE DAMAGE
DAMAGE
INHOMOGENEITY
IRREGULARITIES
LEAKAGE
PINHOLES
POROSITY
SCORING
VIGNETTING
VOIDS
X RAY ANALYSIS

DEFENDER PROJECT

GS PROGRAMS
. PROJECTS
. . **DEFENDER PROJECT**

∞ DEFENSE

SN *(USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)*
RT AIR DEFENSE
ANTIMISSILE DEFENSE
CIVIL DEFENSE
MISSILE DEFENSE
PHYSIOLOGICAL DEFENSES

DEFENSE COMMUNICATIONS SATELLITE SYSTEM

GS TELECOMMUNICATION
. **DEFENSE COMMUNICATIONS SATELLITE SYSTEM**
. . FLEET SATELLITE COMMUNICATION SYSTEM
RT COMMUNICATION SATELLITES
RADIO RELAY SYSTEMS
SPACE COMMUNICATION

DEFENSE COMMUNICATIONS SYSTEM (DCS)

GS TELECOMMUNICATION
. **DEFENSE COMMUNICATIONS SYSTEM (DCS)**
RT COMMUNICATION NETWORKS
MILITARY TECHNOLOGY

DEFENSE INDUSTRY

GS INDUSTRIES
. **DEFENSE INDUSTRY**
. . WEAPONS INDUSTRY
RT ANTIMISSILE DEFENSE
MILITARY TECHNOLOGY
MISSILE DEFENSE

DEFENSE PROGRAM

GS PROGRAMS
. **DEFENSE PROGRAM**
RT AIR DEFENSE
ANTIMISSILE DEFENSE
ARMED FORCES (UNITED STATES)
CIVIL DEFENSE
MILITARY TECHNOLOGY
MISSILE DEFENSE
SPACE TRANSPORTATION SYSTEM
WEAPONS DELIVERY

∞ DEFINITION

SN *(USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)*
RT ACCURACY
DELINEATION
DESCRIPTIONS
DICTIONARIES
∞ MEASUREMENT
NOMENCLATURES
PRECISION
RESOLUTION

DEFLAGRATION

GS COMBUSTION
. **DEFLAGRATION**
RT BACKFIRE

DEFLAGRATION-(CONT.)

FIRES
FLASHBACK

DEFLATING

USE INFLATABLE STRUCTURES
PRESSURE REDUCTION

DEFLECTION

RT BENDING
BENDING DIAGRAMS
CAMBER
DEFORMATION
DIFFRACTION
DISPERSING
DISPLACEMENT
DISTORTION
ELASTIC DEFORMATION
FLEXING
MAXWELL-MOHR METHOD
REFLECTION
REFRACTION
SCATTERING
STRUCTURAL STRAIN
TEMPERATURE INVERSIONS
TORSION
VARIATIONS
WAVE DISPERSION
YOKES

DEFLECTORS

GS **DEFLECTORS**
. BLAST DEFLECTORS
. FLAME DEFLECTORS
RT ATTENUATORS
BAFFLES
∞ DIFFUSERS
DIVERTERS
FLOW DEFLECTION
GUST ALLEVIATORS
REFLECTORS
SAFETY DEVICES
SHIELDING
SPOILERS

DEFLUORINATION

GS CHEMICAL REACTIONS
. **DEFLUORINATION**
RT FLUORINATION
HALOGENATION

DEFOCUSING

GS FOCUSING
. **DEFOCUSING**
RT ∞ OPTICS

DEFOLIANTS

RT DEFOLIATION
FOLIAGE
FORESTS
HERBICIDES
LEAVES
PLANTS (BOTANY)
TREES (PLANTS)

DEFOLIATION

RT BRUSH (BOTANY)
DEFOLIANTS
DEFORESTATION
FORESTS
GRASSES
LEAVES
PLANTS (BOTANY)
TREES (PLANTS)

DEFORESTATION

RT CLEARINGS (OPENINGS)
CONSERVATION
DEFOLIATION
ENVIRONMENT EFFECTS
FORESTS

DEFORMATION

GS **DEFORMATION**
. AXIAL STRAIN
. ELASTIC DEFORMATION
. . ELASTIC BENDING
. . ELASTIC BUCKLING
. . NUCLEAR DEFORMATION
. PLASTIC DEFORMATION
. . STATIC DEFORMATION
. . TENSILE DEFORMATION
. . WAVE FRONT DEFORMATION
RT BENDING

DEFORMETERS

DEFORMATION-(CONT.)

BUCKLING
CAMBER
COLLAPSE
CORRUGATING
CREEP PROPERTIES
DAMAGE
DEFLECTION
DEFORMETERS
DISPLACEMENT
DISTORTION
ELONGATION
FAILURE
FLEXING
FRACTURES (MATERIALS)
INDENTATION
MECHANICAL PROPERTIES
SET
SKEWNESS
STIFFNESS
STRUCTURAL FAILURE
STRUCTURAL STRAIN
TEMPERATURE INVERSIONS
TOPOLOGY
TORSION
TWISTING
VOLUMETRIC STRAIN
WARPAGE
WRINKLING

DEFORMETERS

GS MEASURING INSTRUMENTS
. **DEFORMETERS**
RT DEFORMATION
DIMENSIONAL MEASUREMENT
EXTENSOMETERS
MECHANICAL MEASUREMENT
STRAIN GAGES
STRESS MEASUREMENT
TENSOMETERS

DEFROSTING

RT DEICING
HEATING
ICE PREVENTION
MELTING
REFRIGERATING
REFRIGERATORS

DEGASSING

UF BAKEOUT
GS **DEGASSING**
. DEOXYGENATION
RT ABSORBERS (EQUIPMENT)
AERATION
BAKING
CASTINGS
DEOXIDIZING
DESORPTION
GAS EVOLUTION
OCCLUSION
OFFGASSING
OUTGASSING
PURGING
SCAVENGING
∞ SEPARATION

DEGENERATION

RT ATROPHY
DETERIORATION
NEGATIVE FEEDBACK

DEGENERATIVE FEEDBACK

USE NEGATIVE FEEDBACK

DEGLUTITION

RT EATING
SWALLOWING

DEGRADATION

GS **DEGRADATION**
. BIODEGRADATION
. THERMAL DEGRADATION
. WAVE DEGRADATION
RT CHEMICAL ATTACK
CORROSION
CUMULATIVE DAMAGE
CURING
DAMAGE
DECAY
DECOMPOSITION
DEPOLYMERIZATION
DETERIORATION
DISCOLORATION
DURABILITY

DEGRADATION-(CONT.)

EMBRITTLEMENT
EROSION
HOT CORROSION
OXIDATION
PITTING
PRESERVING
RUSTING
SCALE (CORROSION)
STERILIZATION EFFECTS
THERMAL DISSOCIATION
WEATHERING

DEGREES OF FREEDOM

RT EQUIPARTITION THEOREM
EXPERIMENTAL DESIGN
FACTOR ANALYSIS
NULL HYPOTHESIS
PHASE RULE
QUALITY CONTROL
SIGNIFICANCE
THREE DIMENSIONAL MOTION
TORQUERS
∞ VARIANCE

DEHP

USE DIETHYL HYDROGEN PHOSPHITE (DEHP)

DEHUMIDIFICATION

GS DRYING
. **DEHUMIDIFICATION**
RT CONDENSING
COOLING SYSTEMS
DEHYDRATION
DIFFUSION
HUMIDITY
REFRIGERATING
∞ SEPARATION
SILICA GEL

DEHYDRATED FOOD

GS CONSUMABLES (SPACECRAFT)
. CONSUMABLES (SPACECREW SUPPLIES)
. **DEHYDRATED FOOD**
RT DEHYDRATION
DRYING APPARATUS
∞ FOOD
FOOD PROCESSING
FREEZE DRYING
PRESERVING
SPACE FLIGHT FEEDING

DEHYDRATION

GS DRYING
. **DEHYDRATION**
RT COLUMNS (PROCESS ENGINEERING)
DEHUMIDIFICATION
DEHYDRATED FOOD
DEWATERING
EVAPORATION
FREEZE DRYING
HYDRATION
PLASMOLYSIS
∞ SEPARATION
SILICA GEL
THERMOGRAVIMETRY
WATER LOSS

DEHYDROGENATION

GS CHEMICAL REACTIONS
. **DEHYDROGENATION**
RT COLUMNS (PROCESS ENGINEERING)
HYDROFORMING
HYDROGENATION
HYDROGENOLYSIS
OXIDATION
REDUCTION (CHEMISTRY)

DEICERS

UF DEICING SYSTEMS
RT AIRFOILS
ANTIICING ADDITIVES
DEICING
∞ HEATERS
HEATING EQUIPMENT
ICE PREVENTION

DEICING

RT AIRFOILS
ANTIICING ADDITIVES
DEFROSTING
DEICERS
∞ HEATERS
HEATING EQUIPMENT

NASA THESAURUS (VOLUME 1)

DEICING-(CONT.)

ICE PREVENTION
MELTING

DEICING SYSTEMS

USE DEICERS

DEIMOS

GS CELESTIAL BODIES
. NATURAL SATELLITES
. **DEIMOS**
SATELLITES
. NATURAL SATELLITES
. **DEIMOS**
RT CHARON
MARS (PLANET)
PHOBOS

DEIONIZATION

GS CHEMICAL REACTIONS
. **DEIONIZATION**
RT ATOMIC RECOMBINATION
DEMINERALIZING
EXCHANGING
ION RECOMBINATION
RADIATIVE RECOMBINATION
∞ SEPARATION
SOFTENING

DEKATRONS

USE COUNTERS

DELAMINATING

RT ANODIC STRIPPING
PEELING
∞ SEPARATION

DELAWARE

GS UNITED STATES OF AMERICA
. **DELAWARE**
RT DELAWARE RIVER BASIN (US)
DELMARVA PENINSULA (DE-MD-VA)

DELAWARE BAY (US)

GS BAYS (TOPOGRAPHIC FEATURES)
. **DELAWARE BAY (US)**
RT ATLANTIC OCEAN
GULFS
INLETS (TOPOGRAPHY)
NEW JERSEY
PENNSYLVANIA

DELAWARE RIVER BASIN (US)

GS LANDFORMS
. STRUCTURAL BASINS
. RIVER BASINS
. **DELAWARE RIVER BASIN (US)**
RT DELAWARE
NEW JERSEY
NEW YORK
PENNSYLVANIA
RIVERS
STREAMS
VALLEYS

DELAY

RT DWELL
∞ HOLDING
LATENESS
STOPPING
TIME LAG
∞ TIME RESPONSE

DELAY CIRCUITS

GS CIRCUITS
. **DELAY CIRCUITS**
. PHANTASTRONS
RT ACOUSTIC DELAY LINES
CIRCULATORS (PHASE SHIFT CIRCUITS)
COMPARATOR CIRCUITS
PHASE SHIFT CIRCUITS

DELAY LINES

GS **DELAY LINES**
. ACOUSTIC DELAY LINES
. DELAY LINES (COMPUTER STORAGE)
RT ∞ LINES
TIME LAG

DELAY LINES (COMPUTER STORAGE)

GS DELAY LINES
. **DELAY LINES (COMPUTER STORAGE)**
RT SHIFT REGISTERS

DELAYED FLAP APPROACH

UF DFA
 GS APPROACH
 . DELAYED FLAP APPROACH
 RT FLAPS (CONTROL SURFACES)
 FLIGHT PATHS
 LANDING AIDS
 NASA PROGRAMS
 NOISE REDUCTION

DELETION

GS ELIMINATION
 . DELETION
 RT DISPOSAL
 . REMOVAL

DELFIN AIRCRAFT

USE L-29 JET TRAINER

DELFT CAMERA

GS OPTICAL EQUIPMENT
 . CAMERAS
 . . DELFT CAMERA
 PHOTOGRAPHIC EQUIPMENT
 . CAMERAS
 . . DELFT CAMERA

DELINEATION

RT BOUNDARIES
 ∞ DEFINITION
 ∞ PROFILES

DELIVERY

GS DELIVERY
 . PAYLOAD DELIVERY (STS)
 . . WEAPONS DELIVERY
 RT AIR DROP OPERATIONS
 AIRDROPS
 CARGO
 CIRCULATION
 HAULING
 MATERIALS HANDLING
 OUTPUT
 ∞ RECEIVING
 TRANSPORTATION
 TRUCKS

DELMARVA PENINSULA (DE-MD-VA)

GS LANDFORMS
 . PENINSULAS
 . . DELMARVA PENINSULA (DE-MD-VA)
 RT DELAWARE
 MARYLAND
 VIRGINIA

DELPHI METHOD (FORECASTING)

GS FORECASTING
 . DELPHI METHOD (FORECASTING)
 MANAGEMENT METHODS
 . DELPHI METHOD (FORECASTING)
 RT ESTIMATING
 ∞ METHODOLOGY
 OPERATIONS RESEARCH
 . PATTERN METHOD (FORECASTING)
 PLANNING
 PREDICTIONS
 PROBE METHOD (FORECASTING)
 PROFILE METHOD (FORECASTING)
 TECHNOLOGY ASSESSMENT

DELTRIN (TRADEMARK)

GS PLASTICS
 . DELTRIN (TRADEMARK)
 RT RESINS

DELTA ANTENNAS

GS ANTENNAS
 . DELTA ANTENNAS
 RT ANTENNA DESIGN
 RESONATORS
 TRANSMISSION LINES

DELTA DAGGER AIRCRAFT

USE F-102 AIRCRAFT

DELTA DART AIRCRAFT

USE F-106 AIRCRAFT

DELTA FUNCTION

GS ANALYSIS (MATHEMATICS)
 . REAL VARIABLES
 . . DELTA FUNCTION
 FUNCTIONS (MATHEMATICS)
 . DELTA FUNCTION

DELTA LAUNCH VEHICLE

GS LAUNCH VEHICLES
 . DELTA LAUNCH VEHICLE
 RT ANIK 1
 ANIK 2
 BEACON EXPLORER A
 ESSA 1 SATELLITE
 ESSA 2 SATELLITE
 ESSA 3 SATELLITE
 ESSA 4 SATELLITE
 ESSA 5 SATELLITE
 ESSA 6 SATELLITE
 ESSA 7 SATELLITE
 ESSA 8 SATELLITE
 ESSA 9 SATELLITE
 EXPLORER 10 SATELLITE
 EXPLORER 12 SATELLITE
 EXPLORER 14 SATELLITE
 EXPLORER 15 SATELLITE
 EXPLORER 17 SATELLITE
 EXPLORER 18 SATELLITE
 EXPLORER 21 SATELLITE
 EXPLORER 26 SATELLITE
 EXPLORER 28 SATELLITE
 EXPLORER 29 SATELLITE
 EXPLORER 32 SATELLITE
 EXPLORER 33 SATELLITE
 EXPLORER 38 SATELLITE
 EXPLORER 42 SATELLITE
 EXPLORER 43 SATELLITE
 EXPLORER 49 SATELLITE
 EXPLORER 55 SATELLITE
 INTERNATIONAL MAGNETOSPHERIC
 EXPLORER
 OSO-C
 OSO-1
 OSO-2
 OSO-4
 OUTER PLANETS EXPLORERS
 PIONEER 6 SPACE PROBE
 PIONEER 7 SPACE PROBE
 RCA SATCOM 1
 SPACE SHUTTLE UPPER STAGE D
 SYNCOM 1 SATELLITE
 SYNCOM 2 SATELLITE
 SYNCOM 3 SATELLITE
 TIROS K SATELLITE
 TIROS 2 SATELLITE
 TIROS 3 SATELLITE
 TIROS 4 SATELLITE
 TIROS 5 SATELLITE
 TIROS 6 SATELLITE
 TIROS 7 SATELLITE
 TIROS 8 SATELLITE
 TIROS 9 SATELLITE
 TIROS 10 SATELLITE

DELTA MODULATION

GS MODULATION
 . PULSE MODULATION
 . . PULSE CODE MODULATION
 . . . DELTA MODULATION
 RT PULSE COMMUNICATION

DELTA WINGS

UF TRIANGULAR WINGS
 GS AIRFOILS
 . WINGS
 . . LOW ASPECT RATIO WINGS
 . . . DELTA WINGS
 . . . SWEPT WINGS
 . . . SWEPTBACK WINGS
 DELTA WINGS
 PLANFORMS
 . WING PLANFORMS
 . . SWEPTBACK WINGS
 . . . DELTA WINGS
 RT ARROW WINGS
 AVRO 707 AIRCRAFT
 CARET WINGS
 FD 2 AIRCRAFT
 GA-5 AIRCRAFT
 VARIABLE SWEEP WINGS
 VATOL AIRCRAFT

DELTAS

GS LANDFORMS
 . DELTAS
 . . MISSISSIPPI DELTA (LA)
 . . RHONE DELTA (FRANCE)
 RT ALLUVIUM
 FANS (LANDFORMS)
 RIVERS
 SANDS
 SOILS

DEMAGNETIZATION

RT MAGNETIC FIELDS
 ∞ REDUCTION

DEMAND (ECONOMICS)

GS ECONOMICS
 . DEMAND (ECONOMICS)
 RT CONSUMPTION
 SUPPLYING

DEMINERALIZING

GS DEMINERALIZING
 . BONE DEMINERALIZATION
 RT CRYSTALLIZATION
 DEIONIZATION
 DESALINIZATION
 DISTILLATION
 ION EXCHANGING
 OSMOSIS
 PURIFICATION
 REVERSE OSMOSIS
 ∞ SEPARATION
 SOFTENING
 WATER TREATMENT

DEMOCRATIC PEOPLES REPUBLIC OF KOREA

USE NORTH KOREA

DEMODULATION

RT AMPLITUDE MODULATION
 DECODING
 DEMODULATORS
 ∞ DETECTORS
 FREQUENCY MODULATION
 HETERODYNING
 INTERMODULATION
 MODULATION
 PHASE MODULATION
 PULSE MODULATION
 REMODULATION
 TELECOMMUNICATION

DEMODULATORS

GS DEMODULATORS
 . FREQUENCY COMPRESSION
 DEMODULATORS
 . MODEMS
 . PHASE DEMODULATORS
 . PHASE LOCK DEMODULATORS
 RT AMPLITUDE MODULATION
 DECODERS
 DECOMMUTATORS
 DEMODULATION
 FREQUENCY MODULATION
 MATCHED FILTERS
 MODULATION
 MODULATORS
 PHASE MODULATION
 PULSE MODULATION

DEMOGRAPHY

RT CENSUS
 COMMUNITIES
 ∞ DENSITY
 ∞ DISTRIBUTION
 HUMAN BEINGS
 INHABITANTS
 MEGALOPOLISES
 NATIONS
 SOCIOLOGY
 ∞ STATISTICS

DEMONSTRATION

USE PROVING

DEMULCENTS

GS DRUGS
 . DEMULCENTS
 RT PHARMACOLOGY
 SKIN (ANATOMY)

DEMULTIPLEXING

GS TRANSMISSION
 . DEMULTIPLEXING
 RT CODE DIVISION MULTIPLEXING
 FREQUENCY DIVISION MULTIPLEXING
 MULTIPLEXING
 TIME DIVISION MULTIPLEXING
 WAVELENGTH DIVISION MULTIPLEXING

DENDRITIC CRYSTALS

GS CRYSTALS
 . DENDRITIC CRYSTALS
 RT ISOTROPY

DENDRITIC DRAINAGE

DENDRITIC CRYSTALS-(CONT.)

NEEDLES
WHISKERS (CRYSTALS)

DENDRITIC DRAINAGE

USE DRAINAGE PATTERNS

DENDROCHRONOLOGY

UF TREE RING DATING
RT CLIMATOLOGY
GEOCHRONOLOGY
PERIODIC VARIATIONS
TIMBERLINE
TREES (PLANTS)

DENITROGENATION

GS CHEMICAL REACTIONS
. DENITROGENATION
RT NITRATION

DENMARK

RT EUROPE
GREENLAND
NATIONS

DENSE PLASMAS

GS GASES
. IONIZED GASES
. CHARGED PARTICLES
. DENSE PLASMAS
. . . . STRONGLY COUPLED PLASMAS
PARTICLES
. CHARGED PARTICLES
. ENERGETIC PARTICLES
. . . PLASMAS (PHYSICS)
. . . . DENSE PLASMAS
. . . . PLASMA FOCUS
. . . . STRONGLY COUPLED PLASMAS
RT ASTROPHYSICS
BETA FACTOR
ELECTRON SCATTERING
HIGH TEMPERATURE PLASMAS
NUCLEAR FUSION
PARTICLE COLLISIONS
PLASMA COMPRESSION
SPHEROMAKS
STELLAR STRUCTURE

DENSIFICATION

GS PRESSURE
. DENSIFICATION
RT AGGLOMERATION
COMPACTING
COMPRESSING
CONSOLIDATION
LUDOX (TRADEMARK)
PRESSURIZING

DENSIMETERS

GS MEASURING INSTRUMENTS
. DENSIMETERS
. . . ULTRASONIC DENSIMETERS
RT DENSITY (MASS/VOLUME)
DENSITY MEASUREMENT
∞ INSTRUMENTS
∞ MEASUREMENT

DENSITOMETERS

GS MEASURING INSTRUMENTS
. DENSITOMETERS
. . . MICRODENSITOMETERS
RT GAMMA RAY ABSORPTIOMETRY
GRAVIMETERS
OPTICAL EQUIPMENT
OPTICAL MEASUREMENT
OPTICAL MEASURING INSTRUMENTS
PHOTOMETERS
PHOTON ABSORPTIOMETRY
TRANSMISSOMETERS

∞ DENSITY

SN *(USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)*
RT ATMOSPHERIC DENSITY
ATOM CONCENTRATION
BIOMASS
DEMOGRAPHY
DENSITY (MASS/VOLUME)
DENSITY (NUMBER/VOLUME)
FLUX DENSITY
OPTICAL DENSITY
POROSITY
RANKINE-HUGONIOT RELATION

DENSITY (MASS/VOLUME)

UF SPECIFIC GRAVITY
GS DENSITY (MASS/VOLUME)
. ATMOSPHERIC DENSITY
. GAS DENSITY
. SPACE DENSITY
RT ABSORPTANCE
ABSORPTIVITY
BULK MODULUS
BUOYANCY
COMPRESSIBILITY
DENSIMETERS
∞ DENSITY
DENSITY MEASUREMENT
HYDROMETERS
INTERNAL FRICTION
ISOPYCNIC PROCESSES
LEWIS NUMBERS
OPACITY
PERMEABILITY
∞ PHYSICAL PROPERTIES
POROSITY
PYCNOMETERS
STOPPING POWER
TRANSMISSIVITY
TRANSMITTANCE
TRANSPARECE
ULTRASONIC DENSIMETERS
VISCOSITY
VOID RATIO
WEIGHT MEASUREMENT

DENSITY (NUMBER/VOLUME)

GS DENSITY (NUMBER/VOLUME)
. METEOROID CONCENTRATION
. PACKING DENSITY
. PARTICLE DENSITY (CONCENTRATION)
. . . ELECTRON DENSITY
(CONCENTRATION)
. . . CARRIER DENSITY (SOLID STATE)
. . . ELECTRON DENSITY PROFILES
. . . IONOSPHERIC ELECTRON DENSITY
. . . MAGNETOSPHERIC ELECTRON
DENSITY
. . . ELECTRON DISTRIBUTION
. . . ELECTRON DENSITY PROFILES
. . . ION DENSITY (CONCENTRATION)
. . . IONOSPHERIC ION DENSITY
. . . MAGNETOSPHERIC ION DENSITY
. . . MAGNETOSPHERIC PROTON
DENSITY
. . . PROTON DENSITY
(CONCENTRATION)
. . . MAGNETOSPHERIC PROTON
DENSITY
. . . PLASMA DENSITY
. . . SPACE DENSITY
RT ATMOSPHERIC DENSITY
∞ DENSITY

DENSITY (RATE/AREA)

USE FLUX DENSITY

DENSITY DISTRIBUTION

RT BAROCLINIC WAVES
FOKKER-PLANCK EQUATION
MAXWELL-BOLTZMANN DENSITY
FUNCTION
SHOCK DISCONTINUITY
TAYLOR INSTABILITY

DENSITY MEASUREMENT

GS DENSITY MEASUREMENT
. GAMMA RAY ABSORPTIOMETRY
. PHOTON ABSORPTIOMETRY
. X RAY DENSITY MEASUREMENT
RT CHEMICAL ANALYSIS
DENSIMETERS
DENSITY (MASS/VOLUME)
HYDROMETERS
∞ MEASUREMENT
MECHANICAL MEASUREMENT
ULTRASONIC DENSIMETERS
WIND TUNNEL TESTS

DENSITY WAVE MODEL

GS MODELS
. ASTRONOMICAL MODELS
. . . DENSITY WAVE MODEL
RT GALACTIC STRUCTURE
MASS DISTRIBUTION
SPIRAL GALAXIES
WAVE EQUATIONS

NASA THESAURUS (VOLUME 1)

DENTAL CALCULI

GS DEPOSITS
. CALCULI
. . . DENTAL CALCULI
RT LITHIASIS
TEETH
TOOTH DISEASES

DENTISTRY

GS MEDICAL SCIENCE
. DENTISTRY
RT MEDICAL EQUIPMENT
ORAL HYGIENE
TEETH
TOOTH DISEASES

DEOXIDIZING

GS CHEMICAL REACTIONS
. REDUCTION (CHEMISTRY)
. . . DEOXIDIZING
RT DEGASSING
∞ DEOXIFICATION
DEOXYGENATION
SCAVENGING

∞ DEOXIFICATION

SN *(USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)*
RT DEOXIDIZING
DEOXYGENATION
STERILIZATION EFFECTS

DEOXYGENATION

GS DEGASSING
. DEOXYGENATION
RT DEOXIDIZING
∞ DEOXIFICATION
∞ REDUCTION
∞ SEPARATION

DEOXYRIBONUCLEIC ACID

UF DNA
GS ACIDS
. NUCLEIC ACIDS
. . . DEOXYRIBONUCLEIC ACID
RT THYMIDINE
THYMINE

DEPENDENCE

UF DEPENDENCY
GS DEPENDENCE
. SPATIAL DEPENDENCIES
. TEMPERATURE DEPENDENCE
. TIME DEPENDENCE
RT GROUP DYNAMICS
SOCIOLOGY

DEPENDENCY

USE DEPENDENCE

DEPENDENT VARIABLES

GS ANALYSIS (MATHEMATICS)
. DEPENDENT VARIABLES
RT COMPLEX VARIABLES
INDEPENDENT VARIABLES
OBSERVABILITY (SYSTEMS)
PARAMETERIZATION
REAL VARIABLES
∞ VARIABLE

DEPERSONALIZATION

RT ARTIFICIAL INTELLIGENCE
AUTOMATA THEORY
AUTOMATIC CONTROL
∞ AUTOMATION
CYBERNETICS
DETACHMENT
DISORDERS
MAN MACHINE SYSTEMS
MECHANIZATION
PERSONALITY
PERSONNEL

DEPLETION

RT CONSUMPTION
DEPRECIATION
DISSIPATION
ELIMINATION
ENERGY POLICY
EXHAUSTION
EXPLOITATION
LIFE (DURABILITY)
LOSSES

DEPLETION-(CONT.)

∞ REDUCTION
REMOVAL
RESOURCES
UTILIZATION

DEPLOYMENT

RT GAME THEORY
LOGISTICS
MILITARY OPERATIONS
MILITARY TECHNOLOGY
∞ OPERATIONS
PERSONNEL
STRATEGY
TACTICS

DEPOLARIZATION

SN (EXCLUDES CONSIDERATION OF
OPTICAL DEPOLARIZATION AND
PARTICLE SPIN DISALIGNMENT)
UF DEPOLARIZERS
RT ELECTROLYTIC POLARIZATION
ELECTROPHYSIOLOGY
POLARIZATION (CHARGE SEPARATION)
∞ REDUCTION
SPIKE POTENTIALS

DEPOLARIZERS

USE DEPOLARIZATION

DEPOLYMERIZATION

GS CHEMICAL REACTIONS
. DEPOLYMERIZATION
RT DEGRADATION
DETERIORATION
POLYMERIZATION

DEPOSITION

UF ACCRETION
GS DEPOSITION
. ANODIZING
. ELECTRODEPOSITION
. ELECTROPLATING
. ELECTROLESS DEPOSITION
. VAPOR DEPOSITION
. VACUUM DEPOSITION
RT ACCUMULATIONS
COAGULATION
COATING
COATINGS
DEPOSITS
ELECTROFORMING
ELECTRON BOMBARDMENT
FORMING TECHNIQUES
FOULING
MAGNETRON SPUTTERING
METAL COATINGS
PLATING
PRECIPITATION (CHEMISTRY)
SEDIMENTS
∞ SEPARATION
SETTLING
SPUTTERING

DEPOSITS

SN (EXCLUDES BANK MINERAL AND
GEOLOGICAL DEPOSITS)
GS DEPOSITS
. CALCULI
. DENTAL CALCULI
. CRYODEPOSITS
RT COATINGS
CORROSION
CRUDE OIL
DEPOSITION
PLATING
SEDIMENTS
SLUDGE

DEPRECIATION

RT DEPLETION
DETERIORATION
INVESTMENTS
LIFE (DURABILITY)
WEAR

DEPRESSANTS

GS DEPRESSANTS
. CENTRAL NERVOUS SYSTEM
DEPRESSANTS
RT ANESTHESIOLOGY

∞ DEPRESSION

SN (USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)
RT DETACHMENT
DISORDERS
EMOTIONS
∞ HOLLOW
INTROVERSION
LETHARGY
LOW PRESSURE
NEUROTIC DEPRESSION
PSYCHOTIC DEPRESSION
RECESSION
SCHIZOPHRENIA
TECTONICS
TOPOGRAPHY

DEPRESSIONS (TOPOGRAPHY)

USE STRUCTURAL BASINS

DEPRESSURIZATION

USE PRESSURE REDUCTION

DEPRIVATION

GS DEPRIVATION
. SENSORY DEPRIVATION
. SLEEP DEPRIVATION
. WATER DEPRIVATION
RT CONFINING
ISOLATION
STRESS (PHYSIOLOGY)

DEPTH

GS DIMENSIONS
. DEPTH
RT DISTANCE
HEIGHT
THICKNESS

DEPTH MEASUREMENT

RT BATHYMETERS
CORE SAMPLING
DISTANCE MEASURING EQUIPMENT
ECHO SOUNDING
∞ MEASUREMENT
MECHANICAL MEASUREMENT
SOUNDING

DEPTH PERCEPTION

USE SPACE PERCEPTION

DERIVATION

RT DEDUCTION
∞ INDUCTION
∞ ORIGINS
PARAMETERIZATION
∞ SOURCES

DERIVATION CALCULUS

USE DIFFERENTIAL CALCULUS

DERMATITIS

GS DISEASES
. INFECTIOUS DISEASES
. DERMATITIS
. CONTACT DERMATITIS
RT DERMATOLOGY
ITCHING
RADIATION HAZARDS
RADIATION SICKNESS
SKIN (ANATOMY)

DERMATOLOGY

GS MEDICAL SCIENCE
. DERMATOLOGY
RT CONTACT DERMATITIS
DERMATITIS
SKIN (ANATOMY)

DESALINIZATION

RT DEMINERALIZING
DISTILLATION
OSMOSIS
PURIFICATION
REVERSE OSMOSIS
SALINITY
VAPORIZING
WATER TREATMENT

DESATURATION

RT DRYING
∞ SATURATION

DESCALING

RT CHEMICAL CLEANING
CLEANING
METAL FINISHING
PICKLING (METALLURGY)
SCALE (CORROSION)
∞ SEPARATION
SHOT PEENING

DESCENT

GS DESCENT
. PARACHUTE DESCENT
RT APPROACH
ASCENT
FLIGHT PATHS
GLIDING
REENTRY
UNCONTROLLED REENTRY
(SPACECRAFT)

DESCENT PROPULSION SYSTEMS

GS PROPULSION
. DESCENT PROPULSION SYSTEMS
PROPULSION SYSTEM CONFIGURATIONS
. DESCENT PROPULSION SYSTEMS
RT SPACECRAFT PROPULSION

DESCENT TRAJECTORIES

GS TRAJECTORIES
. DESCENT TRAJECTORIES
. REENTRY TRAJECTORIES
RT ASCENT TRAJECTORIES
ATMOSPHERIC ENTRY
BALLISTIC TRAJECTORIES
COASTING FLIGHT
FALLING
FLIGHT MECHANICS
MANNED REENTRY
MIDCOURSE TRAJECTORIES
MISSILE TRAJECTORIES
PARABOLIC FLIGHT
REENTRY
REENTRY GUIDANCE
SPACECRAFT TRAJECTORIES
TERMINAL GUIDANCE

DESCRIPTIONS

RT CHARACTERIZATION
∞ DEFINITION
NOMENCLATURES
REPRESENTATIONS

DESCRIPTIVE GEOMETRY

GS GEOMETRY
. EUCLIDEAN GEOMETRY
. DESCRIPTIVE GEOMETRY
RT ANALYTIC GEOMETRY
ENGINEERING DRAWINGS
LAYOUTS
∞ PROJECTION
PROJECTIVE GEOMETRY
TORUSES

DESENSITIZING

RT CORROSION PREVENTION
PROTECTIVE COATINGS
RUSTING

DESERT ADAPTATION

GS ADAPTATION
. DESERT ADAPTATION
RT SURVIVAL

DESERTLINE

RT ARID LANDS
CLIMATOLOGY
LAND
TOPOGRAPHY

DESERTS

GS LAND
. DESERTS
. GOBI DESERT
. LIBYAN DESERT
. MOJAVE DESERT (CA)
. SAHARA DESERT (AFRICA)
RT ARID LANDS
BARREN LAND
CLIMATOLOGY
COACHELLA VALLEY (CA)
DEATH VALLEY (CA)
DUNES
EARTH RESOURCES
IMPERIAL VALLEY (CA)

DESICCANTS

DESERTS-(CONT.)

KALIHARI BASIN (AFRICA)
OASES
PALO VERDE VALLEY (CA)
PLAYAS
REMOTE REGIONS
TOPOGRAPHY
WILDERNESS

DESICCANTS

RT ABSORBENTS
ADSORBENTS

DESICCATION

USE DRYING

DESICCATORS

GS SEPARATORS
. DRYING APPARATUS
. DESICCATORS

DESIGN

SN *(USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)*

UF TAILORING

RT AERODYNAMIC CONFIGURATIONS
AIRCRAFT DESIGN
AMPLIFIER DESIGN
ANTENNA DESIGN
COMPUTER DESIGN
COMPUTER SYSTEMS DESIGN
COMPUTERIZED DESIGN
CONSTRUCTION
DIMENSIONS
DRAFTING MACHINES
ENGINE DESIGN
ENGINEERING DRAWINGS
EQUIPMENT SPECIFICATIONS
ESTIMATING
EXPERIMENTAL DESIGN
FACTORIAL DESIGN
HELICOPTER DESIGN
LAYOUTS
LENS DESIGN
LOGIC DESIGN
MISSILE DESIGN
NOZZLE DESIGN
OPTIMIZATION
PLANNING
PRODUCT DEVELOPMENT
REACTOR DESIGN
RELIABILITY
RESEARCH
RESEARCH AND DEVELOPMENT
ROCKET ENGINE DESIGN
SPACECRAFT DESIGN
STRUCTURAL DESIGN
SYNTHESIS
SYSTEMS ENGINEERING

DESIGN ANALYSIS

RT ANALYZING
LOGIC DESIGN
MAINTAINABILITY
OPTIMIZATION
RELIABILITY
RELIABILITY ANALYSIS
SAFETY FACTORS
VALUE ENGINEERING

DESIGN OF EXPERIMENTS

USE EXPERIMENTAL DESIGN

DESIGN TO COST

RT COST ANALYSIS
COSTS
LIFE CYCLE COSTS
PRODUCTION COSTS

DESORPTION

RT ABSORPTION
ADSORPTION
DEGASSING
EVOLUTION (LIBERATION)
OUTGASSING
PERMEATING
SEPARATION
SUBLIMATION

DESPINNING

USE SPIN REDUCTION

DESTABILIZATION

RT SPIN REDUCTION
TUMBLING MOTION

DESTROYER AIRCRAFT

USE B-66 AIRCRAFT

DESTRUCTION

RT ABORTED MISSIONS
ACCIDENTS
BREAKING
CRACKING (FRACTURING)
DAMAGE
DESTRUCTIVE TESTS
FAILURE
FATIGUE (MATERIALS)
FLIGHT HAZARDS
FLIGHT SAFETY
LETHALITY
STRESSES

DESTRUCTIVE TESTS

RT COMPRESSION TESTS
CORROSION TESTS
DESTRUCTION
DROP TESTS
FATIGUE TESTS
IMPACT TESTS
LOAD TESTS
MATERIALS TESTS
NONDESTRUCTIVE TESTS
TENSILE TESTS
TESTS
VIBRATION TESTS
WEAR TESTS

DESULFURIZING

GS CHEMICAL REACTIONS
. DESULFURIZING
RT FLUE GASES
REFINING
ROASTING

DESYNCHRONIZED SLEEP

USE RAPID EYE MOVEMENT STATE

DETACHMENT

RT ANXIETY
BOREDOM
DEPERSONALIZATION
DEPRESSION
DISORDERS
DISORIENTATION
EMOTIONAL FACTORS
HUMAN BEHAVIOR
INHIBITION
INTROVERSION
LETHARGY
PSYCHOLOGY
PSYCHOSES

DETECTION

UF SENSING
GS DETECTION
AIRCRAFT DETECTION
FOREST FIRE DETECTION
HAZE DETECTION
HIGH ALTITUDE NUCLEAR DETECTION
MISSILE DETECTION
RADAR DETECTION
REMOTE SENSING
SIGNAL DETECTION
CORRELATION DETECTION
TARGET RECOGNITION
ULTRASONIC FLAW DETECTION
RT ACQUISITION
DATA ACQUISITION
DETECTORS
EARLY WARNING SYSTEMS
EXAMINATION
EXPLORATION
GAS DETECTORS
IDENTIFYING
INSPECTION
INTELLIGENCE
MARKING
MEASUREMENT
MISSILE SIGNATURES
OBSERVATION
POSITION (LOCATION)
RADAR SIGNATURES
SIGNATURE ANALYSIS
SIGNATURES
SOUND LOCALIZATION
SOUND RANGING

NASA THESAURUS (VOLUME 1)

DETECTION-(CONT.)

SPACE OBSERVATIONS (FROM EARTH)
SURVEILLANCE
TARGET ACQUISITION
TARGETS
TRACKING (POSITION)
WARNING
WARNING SYSTEMS

DETECTORS

SN *(USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)*

RT AIRCRAFT DETECTION
ANALYZERS
AUTODYNES
CHARACTER RECOGNITION
CORRELATION DETECTION
DEMODULATION
DETECTION
DISPLAY DEVICES
FLIR DETECTORS
FOREST FIRE DETECTION
GAS DETECTORS
HAZARDS
HELMET MOUNTED DISPLAYS
INDICATING INSTRUMENTS
INFRARED DETECTORS
INSTRUMENT RECEIVERS
LASER TARGET DESIGNATORS
LIFE DETECTORS
MEASURING INSTRUMENTS
MINE DETECTORS
MONITORS
MULTISPECTRAL LINEAR ARRAYS
PHASE DETECTORS
RADIATION DETECTORS
RADIATION MEASURING INSTRUMENTS
READERS
RECEIVERS
REMOTE SENSORS
SAFETY
SIGNAL DETECTION
SIGNAL DETECTORS
SQUID (DETECTORS)
TELECOMMUNICATION
TRANSDUCERS
ULTRASONIC FLAW DETECTION
VENTURI TUBES
WARNING
WARNING SYSTEMS

DETERGENTS

GS DETERGENTS
. VERSENE
RT ETHYLENEDIAMINETETRAACETIC ACIDS
LUBRICATING OILS
SOAPS
SURFACTANTS

DETERIORATION

RT ATROPHY
BIODEGRADABILITY
BIODEGRADATION
CORROSION
DAMAGE
DECAY
DECOMPOSITION
DEGENERATION
DEGRADATION
DEPOLYMERIZATION
DEPRECIATION
DISINTEGRATION
DURABILITY
EROSION
EROSIVE BURNING
FAILURE
HOT CORROSION
RUSTING
SOIL EROSION
SYSTEM FAILURES
WEAR
WEATHERING

DETERMINANTS

GS ALGEBRA
. DETERMINANTS
RT LINEAR EQUATIONS
MATRICES (MATHEMATICS)

DETERMINATION

USE MEASUREMENT

DETONABLE GAS MIXTURES

GS GASES

DETONABLE GAS MIXTURES-(CONT.)

. GAS MIXTURES
 . . **DETONABLE GAS MIXTURES**
 MIXTURES
 . SOLUTIONS
 . . GAS MIXTURES
 . . . **DETONABLE GAS MIXTURES**
 RT CHEMICAL EXPLOSIONS
 FIRING (IGNITING)
 FLAMMABILITY
 FLAMMABLE GASES
 GAS EXPLOSIONS
 GAS-GAS INTERACTIONS
 OXYACETYLENE

DETONATION

UF CHAPMAN-JOUGET FLAME
 RT CHEMICAL EXPLOSIONS
 COMBUSTION
 ∞ DISCHARGE
 EXPLOSIONS
 FIRING (IGNITING)
 FLAME PROPAGATION
 INITIATION
 PERCUSSION
 PRIMERS (EXPLOSIVES)
 PROPELLANT EXPLOSIONS
 ROCKET FIRING
 SHOCK WAVES

DETONATION WAVES

GS ELASTIC WAVES
 . SHOCK WAVES
 . . **DETONATION WAVES**
 RT COMBUSTIBLE FLOW
 FLAME PROPAGATION
 GAS EXPLOSIONS
 SEISMIC WAVES
 SOUND WAVES
 ∞ WAVES

DETONATORS

GS EXPLOSIVE DEVICES
 . INITIATORS (EXPLOSIVES)
 . . **DETONATORS**
 IGNITERS
 . INITIATORS (EXPLOSIVES)
 . . **DETONATORS**
 RT CAPS (EXPLOSIVES)
 EXPLODING WIRES
 EXPLOSIVES
 FULMINATES
 FUSES (ORDNANCE)
 PRIMERS (EXPLOSIVES)
 SODIUM AZIDES

DEUTERIDES

GS HYDROGEN COMPOUNDS
 . DEUTERIUM COMPOUNDS
 . . **DEUTERIDES**
 RT HYDRIDES

DEUTERIUM

UF HYDROGEN 2
 GS CHEMICAL ELEMENTS
 . HYDROGEN
 . . HYDROGEN ISOTOPES
 . . . **DEUTERIUM**
 . NUCLIDES
 . . ISOTOPES
 . . . HYDROGEN ISOTOPES
 **DEUTERIUM**
 GASES
 . HYDROGEN
 . . HYDROGEN ISOTOPES
 . . . **DEUTERIUM**
 RT HEAVY WATER
 HYDROGEN FUELS
 HYDROGEN PLASMA
 NUCLEAR FUELS

DEUTERIUM COMPOUNDS

GS HYDROGEN COMPOUNDS
 . **DEUTERIUM COMPOUNDS**
 . . DEUTERIDES
 . . DEUTERIUM FLUORIDES
 . . HEAVY WATER

DEUTERIUM FLUORIDE LASERS

USE DF LASERS

DEUTERIUM FLUORIDES

UF DF
 GS HYDROGEN COMPOUNDS
 . DEUTERIUM COMPOUNDS

DEUTERIUM FLUORIDES-(CONT.)

. . **DEUTERIUM FLUORIDES**
 RT DF LASERS

DEUTERIUM OXIDES

USE HEAVY WATER

DEUTERIUM PLASMA

GS CHEMICAL ELEMENTS
 . HYDROGEN
 . . HYDROGEN PLASMA
 . . . **DEUTERIUM PLASMA**
 GASES
 . HYDROGEN
 . . HYDROGEN PLASMA
 . . . **DEUTERIUM PLASMA**
 RT DEUTERONS

DEUTERON IRRADIATION

GS IRRADIATION
 . ION IRRADIATION
 . . **DEUTERON IRRADIATION**
 RT ALPHA PARTICLES
 CHARGED PARTICLES
 NUCLEAR FUSION
 PARTICLES
 PLASMAS (PHYSICS)
 PROTON IRRADIATION

DEUTERONS

GS IONS
 . **DEUTERONS**
 PARTICLES
 . ELEMENTARY PARTICLES
 . . **DEUTERONS**
 RT ALPHA PARTICLES
 COSMIC RAYS
 DEUTERIUM PLASMA
 PHOTOMAGNETIC EFFECTS
 PLASMAS (PHYSICS)
 POMERANCHUK THEOREM
 PROTONS

DEVELOPERS (PHOTOGRAPHY)

USE PHOTOGRAPHIC DEVELOPERS

DEVELOPING NATIONS

GS NATIONS
 . **DEVELOPING NATIONS**
 RT ECONOMIC DEVELOPMENT
 ECONOMIC FACTORS
 UNITED NATIONS

∞ DEVELOPMENT

SN *(USE OF A MORE SPECIFIC TERM IS
 RECOMMENDED--CONSULT THE TERMS
 LISTED BELOW)*
 RT ENERGY POLICY
 EVOLUTION (DEVELOPMENT)
 EXPLOITATION
 GROWTH
 LAND USE
 MANAGEMENT PLANNING
 MISSILE DESIGN
 PERSONNEL DEVELOPMENT
 PHOTOGRAPHIC DEVELOPERS
 PRODUCT DEVELOPMENT
 RURAL LAND USE
 STARSITE PROGRAM
 TRAINING ANALYSIS
 URBAN DEVELOPMENT

DEVIATION

RT ABERRATION
 ABNORMALITIES
 ASYMMETRY
 ∞ DISPERSION
 DISTORTION
 DIVERGENCE
 ∞ DRIFT
 ECCENTRICITY
 HETEROGENEITY
 IRREGULARITIES
 NONSYNCHRONIZATION
 VARIATIONS

∞ DEVICES

SN *(USE OF A MORE SPECIFIC TERM IS
 RECOMMENDED--CONSULT THE TERMS
 LISTED BELOW)*
 RT AIR BAG RESTRAINT DEVICES
 ALPHA PLASMA DEVICES
 ANTISKID DEVICES
 BULK ACOUSTIC WAVE DEVICES

DEVICES-(CONT.)

CHIPS (MEMORY DEVICES)
 CYCLOTRON RESONANCE DEVICES
 ERROR CORRECTING DEVICES
 EXPLOSIVE DEVICES
 LIFT DEVICES
 LIFTING BODIES
 MECHANICAL DEVICES
 NDM SEMICONDUCTOR DEVICES
 NUCLEAR DEVICES
 PHOTOELECTROCHEMICAL DEVICES
 PLASMA DISPLAY DEVICES
 POSITIONING DEVICES (MACHINERY)
 SAFETY DEVICES
 SELF ERECTING DEVICES
 SELF REPAIRING DEVICES
 SOLID STATE DEVICES
 SURFACE ACOUSTIC WAVE DEVICES
 TRAINING DEVICES
 TRAPATT DEVICES

DEVITRIFICATION

USE CRYSTALLIZATION

DEW

GS PRECIPITATION (METEOROLOGY)
 . **DEW**
 RT ACID RAIN
 FROST
 WATER VAPOR

DEW POINT

RT ATMOSPHERIC MOISTURE
 CONDENSING
 HYGROMETERS

DEWAR SYSTEMS

USE CRYOGENIC EQUIPMENT

DEWATERING

RT DEHYDRATION
 DRYING
 POLLUTION CONTROL
 WASTE DISPOSAL
 WATER RECLAMATION

DEWAXING

RT DECONTAMINATION
 REFINING

DEWETTING

USE DRYING

DEXTRANS

GS ALIPHATIC COMPOUNDS
 . POLYSACCHARIDES
 . . **DEXTRANS**
 . SUGARS
 . . **DEXTRANS**
 CARBOHYDRATES
 . POLYSACCHARIDES
 . . **DEXTRANS**
 . SUGARS
 . . **DEXTRANS**

DF

USE DEUTERIUM FLUORIDES

DF LASERS

UF DEUTERIUM FLUORIDE LASERS
 GS STIMULATED EMISSION DEVICES
 . LASERS
 . . GAS LASERS
 . . . **DF LASERS**
 RT DEUTERIUM FLUORIDES

DFA

USE DELAYED FLAP APPROACH

DH 106 AIRCRAFT

USE COMET 4 AIRCRAFT

DH 108 AIRCRAFT

UF DE HAVILLAND DH 108 AIRCRAFT
 GS DE HAVILLAND AIRCRAFT
 . **DH 108 AIRCRAFT**
 HAWKER SIDDELEY AIRCRAFT
 . **DH 108 AIRCRAFT**
 JET AIRCRAFT
 . **DH 108 AIRCRAFT**
 MONOPLANES
 . **DH 108 AIRCRAFT**
 RESEARCH AIRCRAFT
 . **DH 108 AIRCRAFT**

DH 110 AIRCRAFT

DH 108 AIRCRAFT-(CONT.)
TAILLESS AIRCRAFT
DH 108 AIRCRAFT

DH 110 AIRCRAFT

UF DE HAVILLAND DH 110 AIRCRAFT
SEA VIXEN AIRCRAFT
GS ATTACK AIRCRAFT
DH 110 AIRCRAFT
DE HAVILLAND AIRCRAFT
DH 110 AIRCRAFT
HAWKER SIDDELEY AIRCRAFT
DH 110 AIRCRAFT
JET AIRCRAFT
DH 110 AIRCRAFT
MONOPLANES
DH 110 AIRCRAFT

DH 112 AIRCRAFT

UF DE HAVILLAND DH 112 AIRCRAFT
DE HAVILLAND VENOM AIRCRAFT
VENOM AIRCRAFT
GS ATTACK AIRCRAFT
DH 112 AIRCRAFT
DE HAVILLAND AIRCRAFT
DH 112 AIRCRAFT
HAWKER SIDDELEY AIRCRAFT
DH 112 AIRCRAFT
JET AIRCRAFT
DH 112 AIRCRAFT
MONOPLANES
DH 112 AIRCRAFT

DH 115 AIRCRAFT

UF DE HAVILLAND DH 115 AIRCRAFT
VAMPIRE AIRCRAFT
GS ATTACK AIRCRAFT
DH 115 AIRCRAFT
DE HAVILLAND AIRCRAFT
DH 115 AIRCRAFT
HAWKER SIDDELEY AIRCRAFT
DH 115 AIRCRAFT
JET AIRCRAFT
DH 115 AIRCRAFT
MONOPLANES
DH 115 AIRCRAFT
TRAINING AIRCRAFT
DH 115 AIRCRAFT

DH 121 AIRCRAFT

UF DE HAVILLAND DH 121 AIRCRAFT
TRIDENT AIRCRAFT
GS COMMERCIAL AIRCRAFT
DH 121 AIRCRAFT
DE HAVILLAND AIRCRAFT
DH 121 AIRCRAFT
HAWKER SIDDELEY AIRCRAFT
DH 121 AIRCRAFT
JET AIRCRAFT
TURBOFAN AIRCRAFT
DH 121 AIRCRAFT
MONOPLANES
DH 121 AIRCRAFT
PASSENGER AIRCRAFT
DH 121 AIRCRAFT
TRANSPORT AIRCRAFT
DH 121 AIRCRAFT

DH 125 AIRCRAFT

UF DE HAVILLAND DH 125 AIRCRAFT
HS-125 AIRCRAFT
JET DRAGON AIRCRAFT
GS DE HAVILLAND AIRCRAFT
DH 125 AIRCRAFT
GENERAL AVIATION AIRCRAFT
DH 125 AIRCRAFT
HAWKER SIDDELEY AIRCRAFT
DH 125 AIRCRAFT
JET AIRCRAFT
DH 125 AIRCRAFT
LIGHT AIRCRAFT
DH 125 AIRCRAFT
MONOPLANES
DH 125 AIRCRAFT
PASSENGER AIRCRAFT
DH 125 AIRCRAFT
TRANSPORT AIRCRAFT
DH 125 AIRCRAFT

DHC BEAVER AIRCRAFT

USE DHC 2 AIRCRAFT

DHC 2 AIRCRAFT

UF DHC BEAVER AIRCRAFT
GS DE HAVILLAND AIRCRAFT

DHC 2 AIRCRAFT-(CONT.)

DHC 2 AIRCRAFT
GENERAL AVIATION AIRCRAFT
DHC 2 AIRCRAFT
JET AIRCRAFT
DHC 2 AIRCRAFT
MONOPLANES
DHC 2 AIRCRAFT
TRANSPORT AIRCRAFT
DHC 2 AIRCRAFT
RT AIRCRAFT

DHC 4 AIRCRAFT

UF AC-1 AIRCRAFT
CARIBOU AIRCRAFT
CV-2 AIRCRAFT
DE HAVILLAND DHC 4 AIRCRAFT
DE HAVILLAND AIRCRAFT
DHC 4 AIRCRAFT
MONOPLANES
DHC 4 AIRCRAFT
TRANSPORT AIRCRAFT
DHC 4 AIRCRAFT
UTILITY AIRCRAFT
DHC 4 AIRCRAFT
V/STOL AIRCRAFT
SHORT TAKEOFF AIRCRAFT
DHC 4 AIRCRAFT

DHC 5 AIRCRAFT

UF BUFFALO AIRCRAFT
CV-7 AIRCRAFT
DE HAVILLAND DHC 5 AIRCRAFT
DE HAVILLAND AIRCRAFT
DHC 5 AIRCRAFT
JET AIRCRAFT
TURBOPROP AIRCRAFT
DHC 5 AIRCRAFT
MONOPLANES
DHC 5 AIRCRAFT
TRANSPORT AIRCRAFT
DHC 5 AIRCRAFT
UTILITY AIRCRAFT
DHC 5 AIRCRAFT
V/STOL AIRCRAFT
SHORT TAKEOFF AIRCRAFT
DHC 5 AIRCRAFT

DIABETES MELLITUS

GS DISEASES
DIABETES MELLITUS
RT CARBOHYDRATE METABOLISM
ENZYME ACTIVITY
INSULIN
PANCREAS
URINALYSIS

DIADEME SATELLITES

GS SATELLITES
ARTIFICIAL SATELLITES
DIADEME SATELLITES
EARTH SATELLITES
DIADEME SATELLITES

DIAGNOSIS

RT ANALYZING
ANESTHESIOLOGY
BEHAVIOR
CLINICAL MEDICINE
DISEASES
EXAMINATION
INJURIES
MEDICAL EQUIPMENT
MEDICAL SCIENCE
PATHOLOGY
PROGNOSIS
PSYCHOLOGY
PSYCHOMETRICS
VETERINARY MEDICINE

DIAGRAMS

GS DIAGRAMS
BENDING DIAGRAMS
BLOCK DIAGRAMS
CIRCUIT DIAGRAMS
CREEP DIAGRAMS
FEYNMAN DIAGRAMS
HERTZSPRUNG-RUSSELL DIAGRAM
MOLLIER DIAGRAM
NYQUIST DIAGRAM
PHASE DIAGRAMS
S-N DIAGRAMS
STRESS-STRAIN DIAGRAMS
TEPHIGRAMS
VENN DIAGRAMS

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DIAGRAMS-(CONT.)

RT CHARTS
DRAWINGS
GEOMETRY
GRAPHIC ARTS
VISUAL AIDS

DIAL SATELLITE

GS SATELLITES
ARTIFICIAL SATELLITES
DIAL SATELLITE
EARTH SATELLITES
DIAL SATELLITE
SCIENTIFIC SATELLITES
DIAL SATELLITE
RT AERONOMY
ASTRONOMICAL PHOTOMETRY
EUROPEAN SPACE PROGRAMS
SATELLITE-BORNE INSTRUMENTS

DIALYL COMPOUNDS

GS ALIPHATIC COMPOUNDS
DIALYL COMPOUNDS
RT ALLYL COMPOUNDS

DIALS

UF POINTERS
RT DISPLAY DEVICES
INDICATING INSTRUMENTS

DIALYSIS

GS DIALYSIS
ELECTRODIALYSIS
RT DIAPHRAGMS (MECHANICS)
DIFFUSION
EXTRACTION
PERMEATING
SEPARATION

DIAMAGNETISM

UF MEISSNER EFFECT
GS MAGNETIC PROPERTIES
DIAMAGNETISM
RT CURIE TEMPERATURE
CYCLOTRON RESONANCE
ELECTRICAL PROPERTIES
FERROMAGNETISM
PARAMAGNETISM

DIAMANT LAUNCH VEHICLE

GS LAUNCH VEHICLES
DIAMANT LAUNCH VEHICLE
ROCKET VEHICLES
MULTISTAGE ROCKET VEHICLES
DIAMANT LAUNCH VEHICLE
RT LIQUID PROPELLANT ROCKET ENGINES
SOLID PROPELLANT ROCKET ENGINES

DIAMETERS

GS DIMENSIONS
DIAMETERS
RT CIRCUMFERENCES
GEOMETRY
RADII
THICKNESS

DIAMINES

GS AMINES
DIAMINES
ETHYLENEDIAMINE
GUANIDINES
GUANETHIDINE
TRIAMINO GUANIDINIUM AZIDE

DIAMOND WINGS

USE LOW ASPECT RATIO WINGS
SWEEP WINGS

DIAMONDS

GS DIAMONDS
METEORITIC DIAMONDS
RT ABRASIVES
CARBON
SINGLE CRYSTALS

DIAPHRAGM (ANATOMY)

GS ANATOMY
RESPIRATORY SYSTEM
DIAPHRAGM (ANATOMY)
RT DIAPHRAGMS
MUSCLES
THORAX

DIAPHRAGMS

- SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)*
- RT DIAPHRAGM (ANATOMY)
DIAPHRAGMS (MECHANICS)
ELECTROLYTIC CELLS
MEMBRANES

DIAPHRAGMS (MECHANICS)

- SN *(NON-ANATOMICAL)*
- UF BLADDERS (MECHANICS)
- GS DIAPHRAGMS (MECHANICS)
EXPULSION BLADDERS
- RT CATHOLYTES
DIALYSIS
- DIAPHRAGMS
- ELECTROLYTIC CELLS
MEMBRANE STRUCTURES
MEMBRANES
OPTICAL FILTERS
OSMOSIS
THIN PLATES
THIN WALLS
WEBS (SHEETS)
WEBS (SUPPORTS)

DIASTOLE

- GS ANATOMY
CARDIOVASCULAR SYSTEM
DIASTOLE
- RT BLOOD CIRCULATION
BLOOD FLOW
BLOOD PRESSURE
DIASTOLIC PRESSURE
HEART
HEART RATE
SYSTOLE

DIASTOLIC PRESSURE

- GS PRESSURE
BLOOD PRESSURE
DIASTOLIC PRESSURE
- RT CARDIAC VENTRICLES
DIASTOLE

DIATOMIC GASES

- GS GASES
MOLECULAR GASES
POLYATOMIC GASES
DIATOMIC GASES

DIATOMIC MOLECULES

- GS MOLECULES
DIATOMIC MOLECULES
- RT LOW MOLECULAR WEIGHTS
MORSE POTENTIAL
TRIATOMIC MOLECULES

DIBASIC COMPOUNDS

- RT CHEMICAL COMPOUNDS
MONOMERS

DIBORANE

- GS BORON COMPOUNDS
DIBORANE
HYDROGEN COMPOUNDS
HYDRIDES
DIBORANE

DIBROMIDES

- GS HALOGEN COMPOUNDS
BROMINE COMPOUNDS
BROMIDES
DIBROMIDES
HALIDES
BROMIDES
DIBROMIDES

DIBUTYL COMPOUNDS

- GS ALIPHATIC COMPOUNDS
ALKYL COMPOUNDS
DIBUTYL COMPOUNDS

DICARBOXYLIC ACIDS

- GS ACIDS
FATTY ACIDS
CARBOXYLIC ACIDS
DICARBOXYLIC ACIDS
TEREPHTHALATE

DICHLORIDES

- GS HALOGEN COMPOUNDS
CHLORINE COMPOUNDS

DICHLORIDES-(CONT.)

- CHLORIDES
DICHLORIDES
HALIDES
CHLORIDES
DICHLORIDES

DICHLORODIPHENYLTRICHLOROETHANE

- UF DDT
- GS ALIPHATIC COMPOUNDS
DICHLORODIPHENYLTRICHLOROETHANE
E
HALOGEN COMPOUNDS
CHLORINE COMPOUNDS
DICHLORODIPHENYLTRICHLOROETHANE

DICHOTOMIES

- GS CLASSIFICATIONS
HIERARCHIES
DICHOTOMIES

DICHOISM

- GS ELECTROMAGNETIC PROPERTIES
OPTICAL PROPERTIES
DICHROISM
COLOR
ISOCROMATICS
LIGHT (VISIBLE RADIATION)
PHOTOELASTICITY
- RT

DICHROMATES

- USE CHROMATES

DICKE RADIOMETERS

- UF DICKE TYPE RADIOMETERS
- GS MEASURING INSTRUMENTS
RADIATION MEASURING INSTRUMENTS
ACTINOMETERS
RADIOMETERS
DICKE RADIOMETERS
- RT BOLOMETERS
THERMOPILES

DICKE TYPE RADIOMETERS

- USE DICKE RADIOMETERS

DICTIONARIES

- UF GLOSSARIES
- RT CODING
DECODING
- DEFINITION
DOCUMENTS
NOMENCLATURES
SPACE GLOSSARIES
TERMINOLOGY

DIELDRIN

- GS POISONS
PESTICIDES
INSECTICIDES
DIELDRIN

DIELECTRIC CONSTANT

- USE PERMITTIVITY

DIELECTRIC MATERIALS

- USE DIELECTRICS

DIELECTRIC PERMEABILITY

- GS PERMEABILITY
DIELECTRIC PERMEABILITY
- RT MAGNETIC PERMEABILITY

DIELECTRIC POLARIZATION

- GS POLARIZATION (CHARGE SEPARATION)
DIELECTRIC POLARIZATION
- RT DIELECTRICS
ELECTRETS
ELECTRIC FIELDS

DIELECTRIC PROPERTIES

- GS ELECTROMAGNETIC PROPERTIES
ELECTRICAL PROPERTIES
DIELECTRIC PROPERTIES
PERMITTIVITY
- RT ANTIFERROELECTRICITY
CAPACITANCE
FERROELECTRICITY
SOMMERFELD WAVES

DIELECTRICS

- UF DIELECTRIC MATERIALS
- GS DIELECTRICS

DIELECTRICS-(CONT.)

- LOSSLESS MATERIALS
RADOME MATERIALS
- RT BARIUM TITANATES
CAPACITANCE SWITCHES
CAPACITIVE FUEL GAGES
CAPACITORS
CERAMICS
DIELECTRIC POLARIZATION
ELECTRETS
ELECTRIC CONDUCTORS
ELECTRICAL INSULATION
ELECTROMAGNETIC SURFACE WAVES
- INSULATED STRUCTURES
INSULATORS
MAGNETOELECTRIC MEDIA
SCREEN EFFECT
SPARK GAPS

DIELECTRONIC SATELLITE LINES

- USE RESONANCE LINES

DIELS-ALDER REACTIONS

- GS CHEMICAL REACTIONS
DIELS-ALDER REACTIONS
- RT ORGANIC CHEMISTRY

DIENCEPHALON

- GS NERVOUS SYSTEM
DIENCEPHALON
- RT BRAIN

DIENES

- GS HYDROCARBONS
DIENES
BUTADIENE
HEPTADIENE
HEXADIENE

DIES

- RT CASTING
COINING
CUTTERS
EXTRUDING
INJECTION MOLDING
MACHINE TOOLS
MOLDS
PULTRUSION
PUNCHES
RHEOCASTING
STAMPING

DIESEL ENGINES

- GS ENGINES
INTERNAL COMBUSTION ENGINES
DIESEL ENGINES
PISTON ENGINES
DIESEL ENGINES
- RT LOCOMOTIVES

DIESEL FUELS

- GS FUELS
CHEMICAL FUELS
HYDROCARBON FUELS
DIESEL FUELS
LIQUID FUELS
- RT AUTOMOBILE FUELS
GASOLINE
INTERNAL COMBUSTION ENGINES
KEROSENE

DIETHYL ETHER

- GS ETHERS
DIETHYL ETHER

DIETHYL HYDROGEN PHOSPHITE (DEHP)

- UF DEHP
- GS PHOSPHORUS COMPOUNDS
DIETHYL HYDROGEN PHOSPHITE (DEHP)
- RT ETHYL COMPOUNDS

DIETS

- RT CALORIC REQUIREMENTS
- FOOD
NUTRITION
SPACE FLIGHT FEEDING

DIFFERENCE EQUATIONS

- GS ANALYSIS (MATHEMATICS)
NUMERICAL ANALYSIS
DIFFERENCE EQUATIONS
- RT APPROXIMATION
DIFFERENCES

DIFFERENCE EQUATIONS-(CONT.)

DIFFERENTIAL EQUATIONS
 ∞ EQUATIONS
 FINITE DIFFERENCE THEORY
 LINEAR EVOLUTION EQUATIONS
 NONLINEAR EVOLUTION EQUATIONS
 NUMERICAL STABILITY

DIFFERENCES

RT DIFFERENCE EQUATIONS
 DIVERGENCE
 FINITE DIFFERENCE THEORY
 GRADIENTS
 VARIATIONS

DIFFERENTIAL ALGEBRA

USE DIFFERENTIAL CALCULUS
 MATRICES (MATHEMATICS)

DIFFERENTIAL AMPLIFIERS

GS AMPLIFIERS
 . DIFFERENTIAL AMPLIFIERS
 RT ANALOG COMPUTERS
 ERROR SIGNALS
 OPERATIONAL AMPLIFIERS
 TRANSISTOR AMPLIFIERS

DIFFERENTIAL ANALYZERS

USE ANALOG COMPUTERS

DIFFERENTIAL CALCULUS

UF DERIVATION CALCULUS
 DIFFERENTIAL ALGEBRA
 GS ANALYSIS (MATHEMATICS)
 . CALCULUS
 . . DIFFERENTIAL CALCULUS
 RT ∞ DIFFERENTIATION
 DIFFERENTIATORS
 INTEGRAL CALCULUS
 LIMITS (MATHEMATICS)
 MINIMA
 NUMERICAL DIFFERENTIATION
 OPTIMIZATION
 REAL VARIABLES

DIFFERENTIAL EQUATIONS

UF DIFFERENTIAL OPERATORS
 INTEGRODIFFERENTIAL EQUATIONS
 GS ANALYSIS (MATHEMATICS)
 . REAL VARIABLES
 . . DIFFERENTIAL EQUATIONS
 . . . BLASIUS EQUATION
 . . . CAUCHY-RIEMANN EQUATIONS
 . . . CHANDRASEKHAR EQUATION
 . . . COSINE SERIES
 . . . DUFFING DIFFERENTIAL EQUATION
 . . . FALKNER-SKAN EQUATION
 . . . HYPERBOLIC DIFFERENTIAL EQUATIONS
 . . . LAME WAVE EQUATIONS
 . . . PARTIAL DIFFERENTIAL EQUATIONS
 . . . BIHARMONIC EQUATIONS
 . . . BURGER EQUATION
 . . . ELLIPTIC DIFFERENTIAL EQUATIONS
 MONGE-AMPERE EQUATION
 EULER-CAUCHY EQUATIONS
 FOKKER-PLANCK EQUATION
 GAUSS EQUATION
 HELMHOLTZ VORTICITY EQUATION
 LIOUVILLE EQUATIONS
 PARABOLIC DIFFERENTIAL EQUATIONS
 VLASOV EQUATIONS
 . . . POISSON EQUATION
 RT AIRY FUNCTION
 BESSEL FUNCTIONS
 BETHE-SALPETER EQUATION
 BOND GRAPHS
 BOUNDARY LAYER EQUATIONS
 BOUNDARY VALUE PROBLEMS
 CALCULUS
 CALCULUS OF VARIATIONS
 CAUCHY PROBLEM
 DIFFERENCE EQUATIONS
 DIRICHLET PROBLEM
 DISTRIBUTED PARAMETER SYSTEMS
 ∞ EQUATIONS
 FLOQUET THEOREM
 FOURIER ANALYSIS
 FOURIER-BESSEL TRANSFORMATIONS
 FUNCTIONAL INTEGRATION
 GREEN FUNCTION
 HALF PLANES
 HANKEL FUNCTIONS

DIFFERENTIAL EQUATIONS-(CONT.)

HILL DETERMINANT
 INTEGRAL EQUATIONS
 LAGRANGE MULTIPLIERS
 LAME FUNCTIONS
 LAPLACE TRANSFORMATION
 LIAPUNOV FUNCTIONS
 LINEARITY
 LIPSCHITZ CONDITION
 MATHIEU FUNCTION
 MAXIMUM PRINCIPLE
 MILNE METHOD
 NEUMANN PROBLEM
 NONLINEAR EQUATIONS
 NONLINEARITY
 NUMERICAL ANALYSIS
 NUMERICAL DIFFERENTIATION
 NUMERICAL INTEGRATION
 NUMERICAL STABILITY
 OPERATIONAL CALCULUS
 PFAFF EQUATION
 POTENTIAL THEORY
 RICCATI EQUATION
 RIEMANN WAVES
 RIESZ THEOREM
 SCHAUDER FIXPOINT THEOREM
 SCHMIDT METHOD
 STABILITY DERIVATIVES
 STURM-LIOUVILLE THEORY
 VECTOR ANALYSIS
 WHITTAKER FUNCTIONS

DIFFERENTIAL GEOMETRY

UF NONEUCLIDIAN GEOMETRY
 GS GEOMETRY
 . DIFFERENTIAL GEOMETRY
 . . LIE GROUPS
 . . . SPINOR GROUPS
 . . RIEMANN MANIFOLD
 . . TENSOR ANALYSIS
 RT ANALYTIC GEOMETRY
 ∞ ANALYZING
 CURVATURE
 CURVES (GEOMETRY)
 INVARIANT IMBEDDINGS
 LOFTING
 RELATIVITY

DIFFERENTIAL INTERFEROMETRY

GS INTERFEROMETRY
 . DIFFERENTIAL INTERFEROMETRY

DIFFERENTIAL OPERATORS

USE DIFFERENTIAL EQUATIONS
 OPERATORS (MATHEMATICS)

DIFFERENTIAL PRESSURE

GS PRESSURE
 . DIFFERENTIAL PRESSURE
 RT PRESSURE DISTRIBUTION
 PRESSURE GRADIENTS
 PRESSURE MEASUREMENT

DIFFERENTIAL PULSE CODE MODULATION

UF DPCM (MODULATION)
 GS MODULATION
 . PULSE MODULATION
 . . PULSE CODE MODULATION
 . . . DIFFERENTIAL PULSE CODE MODULATION
 RT BITERNARY CODE
 DECOMMUTATORS
 LINEAR PREDICTION
 P.A.C.M. TELEMETRY
 PCM TELEMETRY
 PULSE COMMUNICATION
 PULSE FREQUENCY MODULATION
 TELEMETRY
 UNIFIED S BAND

DIFFERENTIAL THERMAL ANALYSIS

UF DTA (ANALYSIS)
 RT ∞ ANALYZING
 HEAT TRANSMISSION
 TEMPERATURE GRADIENTS
 TEMPERATURE PROFILES

∞ DIFFERENTIATION

SN (USE OF A MORE SPECIFIC TERM IS
 RECOMMENDED--CONSULT TERMS
 LISTED BELOW)
 RT ANATOMY
 DIFFERENTIAL CALCULUS
 DIFFERENTIATION (BIOLOGY)
 DISCRIMINATION

DIFFERENTIATION (BIOLOGY)

RT ANATOMY
 CYTOGENESIS
 ∞ DIFFERENTIATION
 EMBRYOLOGY
 MORPHOLOGY
 PHYSIOLOGY

DIFFERENTIATORS

RT CIRCUITS
 DIFFERENTIAL CALCULUS
 INTEGRATORS
 ∞ NETWORKS

DIFFRACTION

UF INTERFERENCE MONOCHROMATIZATION
 KIRCHHOFF-HUYGENS PRINCIPLE
 GS DIFFRACTION
 . ELECTRON DIFFRACTION
 . FRESNEL DIFFRACTION
 . NEUTRON DIFFRACTION
 . PULSE DIFFRACTION
 . WAVE DIFFRACTION
 . X RAY DIFFRACTION
 RT ATMOSPHERIC SCATTERING
 ATTENUATION
 BRAGG ANGLE
 CAUSTICS (OPTICS)
 CRYSTAL OPTICS
 DEBYE-SCHERRER METHOD
 DEFLECTION
 DIFFRACTOMETERS
 ECHELETTE GRATINGS
 ELECTROMAGNETIC RADIATION
 GEOMETRICAL THEORY OF
 DIFFRACTION
 HUYGENS PRINCIPLE
 ISOCROMATICS
 LAUE METHOD
 MOIRE EFFECTS
 MOSAICS
 OPTICAL PROPERTIES
 RAY TRACING
 REFRACTION
 TRANSMISSION
 WAVE DISPERSION
 WAVE PROPAGATION

DIFFRACTION GRATINGS

USE GRATINGS (SPECTRA)

DIFFRACTION LIMITED CAMERAS

GS OPTICAL EQUIPMENT
 . CAMERAS
 . . DIFFRACTION LIMITED CAMERAS
 . PHOTOGRAPHIC EQUIPMENT
 . . CAMERAS
 . . . DIFFRACTION LIMITED CAMERAS
 RT ASTRONOMICAL PHOTOGRAPHY
 SPACEBORNE PHOTOGRAPHY
 SPACEBORNE TELESCOPES

DIFFRACTION PATHS

RT BRAGG ANGLE
 ELECTRON TRAJECTORIES
 MULTIPATH TRANSMISSION
 OPTICAL PATHS
 ∞ PATHS
 SPHERICAL WAVES

DIFFRACTION PATTERNS

UF FRINGE PATTERNS
 GS DISTRIBUTION (PROPERTY)
 . RADIATION DISTRIBUTION
 . . DIFFRACTION PATTERNS
 . . . KOSSEL PATTERN
 . . . RAINBOWS
 RT DIFFRACTOMETERS
 FRESNEL INTEGRALS
 FRESNEL REGION
 FRINGE MULTIPLICATION
 GEOMETRICAL THEORY OF
 DIFFRACTION
 HOLOGRAPHIC INTERFEROMETRY
 INTERFEROMETRY
 MOIRE FRINGES
 MOIRE INTERFEROMETRY
 NULL ZONES
 ∞ OPTICS
 ∞ PATTERNS
 PHASE CONTRAST
 POMERANCHUK THEOREM
 SIGNAL FADING
 SPECKLE PATTERNS
 UNDERWATER OPTICS

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DIGITAL COMMAND SYSTEMS

DIFFRACTION PATTERNS-(CONT.)

VERY LONG BASE INTERFEROMETRY

DIFFRACTION PROPAGATION

- GS TRANSMISSION
 - . WAVE PROPAGATION
 - . . . DIFFRACTION PROPAGATION
- RT GEOMETRICAL OPTICS
 - ∞ OPTICS
 - ∞ PROPAGATION
 - . SPHERICAL WAVES
 - . UNDERWATER OPTICS

DIFFRACTION TELESCOPES

USE SPECTROSCOPIC TELESCOPES

DIFFRACTOMETERS

- GS MEASURING INSTRUMENTS
 - . OPTICAL MEASURING INSTRUMENTS
 - . . . DIFFRACTOMETERS
 - . OPTICAL EQUIPMENT
 - . OPTICAL MEASURING INSTRUMENTS
 - . . . DIFFRACTOMETERS
- RT CHEMICAL ANALYSIS
 - . DIFFRACTION
 - . DIFFRACTION PATTERNS
 - . GONIOMETERS
 - . INTERFEROMETERS
 - . MACH-ZEHNDER INTERFEROMETERS
 - . OPTICAL MEASUREMENT
 - . PHOTOGONIOMETERS
 - . SPECTROMETERS
 - . WAVE FRONT RECONSTRUCTION

DIFFUSE RADIATION

- UF LUNAR SCATTERING
- RT HEAT TRANSFER
 - . LIGHT SCATTERING
 - . POINT SOURCES
- ∞ RADIATION
 - . SPECULAR REFLECTION

∞ DIFFUSERS

- SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED—CONSULT THE TERMS LISTED BELOW)*
- UF SHOCK DIFFUSERS
- RT AIR CONDITIONING
 - . AIR CONDITIONING EQUIPMENT
 - . ATTENUATORS
 - . BAFFLES
 - . BOUNDARY LAYER SEPARATION
 - . CEILINGS (ARCHITECTURE)
 - . CHOKES
 - . CONICAL FLOW
 - . DEFLECTORS
 - . DIFFUSION
 - . DIVERTERS
 - . ENGINE INLETS
 - . EXHAUST DIFFUSERS
 - . HYPERSONIC INLETS
- ∞ ILLUMINATION
 - . INLET FLOW
 - . INLET NOZZLES
 - . LOUVERS
 - . MIXERS
 - . MUFFLERS
- ∞ NOZZLES
 - . POROUS WALLS
 - . PRESSURE RECOVERY
 - . SEPARATORS
 - . SPRAYERS
 - . SUPERSONIC DIFFUSERS
 - . VANELESS DIFFUSERS
 - . VENTILATORS

DIFFUSION

- UF DIFFUSION EFFECT
 - . PERFUSSION
- GS DIFFUSION
 - . AMBIPOLAR DIFFUSION
 - . ATMOSPHERIC DIFFUSION
 - . GASEOUS DIFFUSION
 - . . . GASEOUS SELF-DIFFUSION
 - . MAGNETIC DIFFUSION
 - . MOLECULAR DIFFUSION
 - . PARTICLE DIFFUSION
 - . . . ELECTRON DIFFUSION
 - . . . IONIC DIFFUSION
 - . PLASMA DIFFUSION
 - . SELF DIFFUSION (SOLID STATE)
 - . SELF PROPAGATION .
 - . SPECIES DIFFUSION
 - . SURFACE DIFFUSION
 - . THERMAL DIFFUSION

DIFFUSION-(CONT.)

- . TURBULENT DIFFUSION
- RT ∞ ABSORPTION
 - . ADSORPTION
 - . AIR POLLUTION
 - . ATMOSPHERIC SCATTERING
 - . CHEMICAL ENGINEERING
 - . CIRCULATION
 - . DEHUMIDIFICATION
 - . DIALYSIS
- ∞ DIFFUSERS
 - . DIFFUSIVITY
 - . DILUTION
 - . DISPERSING
 - . . . DISPERSION
 - . DISSIPATION
 - . DISSOLVING
 - . DISTILLATION
 - . DRYING
- ∞ EQUILIBRIUM
 - . EVAPORATION
 - . EXTRACTION
 - . FICKS EQUATION
 - . GAS-METAL INTERACTIONS
 - . KINETIC THEORY
 - . MIXING
 - . NONPOINT SOURCES
 - . OSMOSIS
 - . PENETRATION
 - . PERCOLATION
 - . PERMEABILITY
 - . PERMEATING
- ∞ PROPAGATION
 - . RADIAL FLOW
 - . REFLECTION
 - . SCATTERING
 - . SELF ABSORPTION
- ∞ SEPARATION
 - . SOUND PROPAGATION
 - . SOUND WAVES
 - . SPRAYING
 - . SPREADING
 - . SUBLIMATION
 - . SURFACE PROPERTIES
 - . TRANSPORT PROPERTIES

DIFFUSION BONDING

USE DIFFUSION WELDING

DIFFUSION COEFFICIENT

- GS COEFFICIENTS
 - . DIFFUSION COEFFICIENT
 - . . . Soret COEFFICIENT
 - . TRANSPORT PROPERTIES
 - . . . DIFFUSION COEFFICIENT
 - . . . Soret COEFFICIENT
- RT ATTENUATION COEFFICIENTS
 - ∞ EQUILIBRIUM
 - . FICKS EQUATION
 - . GASEOUS DIFFUSION
 - . LEWIS NUMBERS
 - . MASS FLOW RATE
 - . MOLECULAR DIFFUSION
 - . PARTICLE DIFFUSION

DIFFUSION EFFECT

USE DIFFUSION

DIFFUSION ELECTRODES

- GS ELECTRODES
 - . DIFFUSION ELECTRODES
- RT ELECTROLYTIC CELLS
 - . SEMICONDUCTOR DEVICES

DIFFUSION FLAMES

- GS FLAMES
 - . DIFFUSION FLAMES
- RT BOUNDARY LAYER COMBUSTION
 - . COMBUSTION

DIFFUSION PUMPS

- GS PUMPS
 - . DIFFUSION PUMPS
- RT VACUUM APPARATUS
 - . VACUUM PUMPS

DIFFUSION THEORY

- RT FOKKER-PLANCK EQUATION
 - . JACOBI INTEGRAL
 - . KINETIC THEORY
 - . KIRKENDALL EFFECT
 - . MONTE CARLO METHOD
- ∞ THEORIES
 - . TRANSPORT THEORY

DIFFUSION WAVES

- RT ELASTIC WAVES
 - . ELECTRON DIFFUSION
 - . ELECTROSTATIC WAVES
 - . IONIC DIFFUSION
 - . KINETIC THEORY
 - . MOLECULAR DIFFUSION
 - . PLASMA DIFFUSION
 - . PLASMA WAVES

DIFFUSION WELDING

- UF DIFFUSION BONDING
- GS WELDING
 - . PRESSURE WELDING
 - . . . DIFFUSION WELDING
- RT BONDING
 - . BURNERS
 - . KIRKENDALL EFFECT
 - . METAL BONDING
 - . METAL-METAL BONDING

DIFFUSIVITY

- RT DIFFUSION
 - . FLUID MECHANICS
 - . IMPEDANCE
 - . KIRKENDALL EFFECT
 - . MOBILITY
 - . NDM SEMICONDUCTOR DEVICES
 - . PERMEABILITY
- ∞ PHYSICAL PROPERTIES
- ∞ RESISTANCE
- ∞ SOLUBILITY
 - . THERMODYNAMIC PROPERTIES

DIFLUORIDES

- GS HALOGEN COMPOUNDS
 - . FLUORINE COMPOUNDS
 - . . . FLUORIDES
 - DIFLUORIDES
 - CALCIUM FLUORIDES
 - FLUORSPAR
 - HALIDES
 - FLUORIDES
 - DIFLUORIDES
 - CALCIUM FLUORIDES
 - FLUORSPAR

DIFLUORO COMPOUNDS

- GS HALOGEN COMPOUNDS
 - . FLUORINE COMPOUNDS
 - . . . FLUORO COMPOUNDS
 - DIFLUORO COMPOUNDS
 - PERFLUOROALKANE
 - POLYTETRAFLUOROETHYLENE

DIFLUOROUREA

- GS AMINES
 - . DIFLUOROUREA
 - . NITROGEN COMPOUNDS
 - . . . AMIDES
 - . . . UREAS
 - DIFLUOROUREA

DIGESTING

- RT EATING
 - . ENZYMOLOGY
- ∞ FOOD
 - . LYSINE
 - . MASTICATION
 - . SOFTENING

DIGESTIVE SYSTEM

- GS DIGESTIVE SYSTEM
 - . APPENDIX (ANATOMY)
 - . ESOPHAGUS
 - . GASTROINTESTINAL SYSTEM
 - . . . INTESTINES
 - RECTUM
 - STOMACH
 - . . . MOUTH
 - . . . PANCREAS
 - . . . TEETH
 - . . . TONGUE
- RT ABDOMEN
 - . ENZYME ACTIVITY
 - . ENZYMOLOGY
 - . GALL
 - . ORGANS
 - . SALIVA

DIGITAL COMMAND SYSTEMS

- RT NUMERICAL CONTROL
 - . REMOTE CONTROL
 - . SERVOCONTROL
- ∞ SYSTEMS

DIGITAL COMMUNICATION

DIGITAL COMMUNICATION USE PULSE COMMUNICATION

DIGITAL COMPUTERS

GS DATA PROCESSING EQUIPMENT
COMPUTERS
DIGITAL COMPUTERS
BURROUGHS 220 COMPUTER
CDC CYBER 74 COMPUTER
CDC CYBER 170 SERIES
COMPUTERS
CDC CYBER 174 COMPUTER
CDC CYBER 203 COMPUTER
CDC STAR 100 COMPUTER
CDC 160-A COMPUTER
CDC 1604 COMPUTER
CDC 3000 COMPUTER
CDC 3100 COMPUTER
CDC 3200 COMPUTER
CDC 3600 COMPUTER
CDC 3800 COMPUTER
CDC 6000 SERIES COMPUTERS
CDC 6400 COMPUTER
CDC 6600 COMPUTER
CDC 6700 COMPUTER
CDC 7000 SERIES COMPUTERS
CDC 7600 COMPUTER
CDC 8090 COMPUTER
EAI 680 COMPUTER
EAI 8400 COMPUTER
EAI 8900 COMPUTER
EMR 6050 COMPUTER
FERRANTI MERCURY COMPUTER
GE COMPUTERS
GE 235 COMPUTER
GE 625 COMPUTER
GE 635 COMPUTER
HEWLETT-PACKARD COMPUTERS
HONEYWELL COMPUTERS
DDP 516 COMPUTER
HONEYWELL ADEPT COMPUTER
HONEYWELL DDP 116 COMPUTER
HONEYWELL 600/6000 COMPUTER
IBM 360 COMPUTER
IBM 370 COMPUTER
IBM 650 COMPUTER
IBM 704 COMPUTER
IBM 709 COMPUTER
IBM 1130 COMPUTER
IBM 1401 COMPUTER
IBM 1410 COMPUTER
IBM 1620 COMPUTER
IBM 2250 COMPUTER
IBM 7000 SERIES COMPUTERS
IBM 7030 COMPUTER
IBM 7040 COMPUTER
IBM 7044 COMPUTER
IBM 7070 COMPUTER
IBM 7074 COMPUTER
IBM 7090 COMPUTER
IBM 7094 COMPUTER
ICL COMPUTERS
ILLIAC COMPUTERS
ILLIAC 3 COMPUTER
ILLIAC 4 COMPUTER
MICROCOMPUTERS
MINICOMPUTERS
MODCOMP II COMPUTER
MODCOMP IV COMPUTER
PARALLEL COMPUTERS
PDP COMPUTERS
PDP 7 COMPUTER
PDP 8 COMPUTER
PDP 9 COMPUTER
PDP 11 COMPUTER
PDP 11/20 COMPUTER
PDP 11/40 COMPUTER
PDP 11/45 COMPUTER
PDP 11/50 COMPUTER
PDP 11/70 COMPUTER
PDP 12 COMPUTER
SYSTEM 10 COMPUTER
PDP 15 COMPUTER
PHILCO 2000 COMPUTER
RAYTHEON COMPUTERS
RCA SPECTRA 70 COMPUTER
SDS 900 SERIES COMPUTERS
SDS 920 COMPUTER
SDS 930 COMPUTER
SDS 9300 COMPUTER
SEL COMPUTERS
SEQUENTIAL COMPUTERS
SIGMA COMPUTERS
SIGMA 2 COMPUTER
SIGMA 9 COMPUTER
SIGMA 5 COMPUTER

DIGITAL COMPUTERS-(CONT.)

... SOLOMON COMPUTERS
... UNIVAC LARC COMPUTER
... UNIVAC 80 COMPUTER
... UNIVAC 418 COMPUTER
... UNIVAC 490 COMPUTER
... UNIVAC 494 COMPUTER
... UNIVAC 1005 COMPUTER
... UNIVAC 1100 SERIES COMPUTERS
... UNIVAC 1105 COMPUTER
... UNIVAC 1106 COMPUTER
... UNIVAC 1107 COMPUTER
... UNIVAC 1108 COMPUTER
... UNIVAC 1110 COMPUTER
... UNIVAC 1230 COMPUTER
... UNIVAC 1824 COMPUTER
... VAX-11 SERIES COMPUTERS
... VAX-11/780 COMPUTER
RT ANALOG COMPUTERS
ANALOG TO DIGITAL CONVERTERS
ASSOCIATIVE PROCESSING
(COMPUTERS)
CDC COMPUTERS
COMPUTER COMPATIBLE TAPES
COMPUTER PROGRAM INTEGRITY
COMPUTER PROGRAMS
COMPUTER SYSTEMS PROGRAMS
DATA PROCESSING
DDP COMPUTERS
HYBRID COMPUTERS
IBM COMPUTERS
LOGIC CIRCUITS
TURING MACHINES
UNIVAC COMPUTERS

DIGITAL DATA

RT ANALOG DATA
BINARY DATA
DATA
DATA CONVERTERS
DATA PROCESSING
VIDEO DATA

DIGITAL FILTERS

GS ELECTROMAGNETIC WAVE FILTERS
ELECTRIC FILTERS
DIGITAL FILTERS
FIR FILTERS
RT FILTERS
MICROWAVE FILTERS

DIGITAL INTEGRATORS

GS CIRCUITS
DIGITAL INTEGRATORS
INTEGRATORS
DIGITAL INTEGRATORS
RT BINARY INTEGRATION
FUNCTIONAL INTEGRATION
NUMERICAL INTEGRATION

DIGITAL NAVIGATION

GS DIGITAL SYSTEMS
DIGITAL NAVIGATION
NAVIGATION
DIGITAL NAVIGATION
RT AIR NAVIGATION
DEAD RECKONING
INERTIAL NAVIGATION
POLAR NAVIGATION
SPACE NAVIGATION
SURFACE NAVIGATION

DIGITAL RADAR SYSTEMS

GS DIGITAL SYSTEMS
DIGITAL RADAR SYSTEMS
RT ANTIRADIATION MISSILES
DATA PROCESSING EQUIPMENT
RADAR DETECTION
RADAR EQUIPMENT
RADAR RECEIVERS
RADAR SCANNING
RADAR TARGETS
RADAR TRACKING
RADAR TRANSMISSION
SIGNAL ANALYSIS
SURVEILLANCE RADAR
TRACKING RADAR

DIGITAL SIMULATION

GS MODELS
MATHEMATICAL MODELS
DIGITAL SIMULATION
SIMULATION
COMPUTERIZED SIMULATION
DIGITAL SIMULATION

NASA THESAURUS (VOLUME 1)

DIGITAL SIMULATION-(CONT.)

RT ANALOG SIMULATION
BIOLOGICAL MODELS (MATHEMATICS)
COMPUTER SYSTEMS SIMULATION
WAR GAMES

DIGITAL SPACECRAFT TELEVISION

GS COMMUNICATION EQUIPMENT
SPACECRAFT TELEVISION
DIGITAL SPACECRAFT TELEVISION
DIGITAL TELEVISION
DIGITAL SPACECRAFT TELEVISION
TELECOMMUNICATION
PULSE COMMUNICATION
DIGITAL SPACECRAFT TELEVISION
SPACECRAFT TELEVISION
DIGITAL SPACECRAFT TELEVISION
TELEVISION SYSTEMS
SPACECRAFT TELEVISION
DIGITAL SPACECRAFT TELEVISION
RT WIRELESS COMMUNICATION

DIGITAL SYSTEMS

UF BINARY SYSTEMS (DIGITAL)
TERNARY SYSTEMS (DIGITAL)
GS DIGITAL SYSTEMS
DIGITAL NAVIGATION
DIGITAL RADAR SYSTEMS
RT ANALOG TO DIGITAL CONVERTERS
BINARY CODES
BINARY DIGITS
BITERNARY CODE
DATA SYSTEMS
SYSTEMS
SYSTEMS INTEGRATION
TELECOMMUNICATION

DIGITAL TECHNIQUES

RT BCH CODES
BISTABLE CIRCUITS
CODING
COMPUTER PROGRAMMING
ERROR CORRECTING CODES
ERROR DETECTION CODES
METHODOLOGY
NUMERICAL CONTROL
SHIFT REGISTERS
TERMINAL AREA ENERGY MANAGEMENT

DIGITAL TELEVISION

GS DIGITAL TELEVISION
DIGITAL SPACECRAFT TELEVISION
RT PULSE COMMUNICATION
TELEVISION SYSTEMS
TELEVISION TRANSMISSION

DIGITAL TO ANALOG CONVERTERS

GS DATA CONVERTERS
DIGITAL TO ANALOG CONVERTERS
RT ANALOG TO DIGITAL CONVERTERS
CONVERTERS
PLOTTERS
SIGNAL ENCODING
X-Y PLOTTERS

DIGITAL TO VOICE TRANSLATORS

UF DIVOT (VOICE TRANSLATORS)
RT COMPUTERS
TRANSLATORS
VOCODERS
VOICE DATA PROCESSING

DIGITAL TRANSDUCERS

GS TRANSDUCERS
DIGITAL TRANSDUCERS

DIGITALIS

GS DRUGS
DIGITALIS
RT DIGITONIN
GALACTOKINASE

DIGITIZERS

USE ANALOG TO DIGITAL CONVERTERS

DIGITONIN

GS STEROIDS
DIGITONIN
RT CHOLESTEROL
DIGITALIS

DIGITS

SN (EXCLUDES FINGERS AND TOES)
GS ALPHANUMERIC CHARACTERS

DIGITS-(CONT.)

- . DIGITS
- .. BINARY DIGITS
- RT ∞ CODES
- DECIMALS
- INTEGERS
- NUMBER THEORY
- ∞ NUMBERS
- SYMBOLS

DIHEDRAL ANGLE

- GS GEOMETRY
- . EUCLIDEAN GEOMETRY
- .. ANGLES (GEOMETRY)
- ... **DIHEDRAL ANGLE**
- RT LATERAL STABILITY

DIHEDRAL EFFECT

- USE LATERAL STABILITY

DIHYDRAZINE

- GS ALIPHATIC COMPOUNDS
- . HYDRAZINES
- .. **DIHYDRAZINE**

DIHYDRIDES

- GS HYDROGEN COMPOUNDS
- . HYDRIDES
- .. **DIHYDRIDES**

DIHYDROXYPHENYLALANINE

- USE DOPA

DIISOCYANATES

- GS ALIPHATIC COMPOUNDS
- . **DIISOCYANATES**
- ESTERS
- . ISOCYANATES
- .. **DIISOCYANATES**
- NITROGEN COMPOUNDS
- . CYANO COMPOUNDS
- .. ISOCYANATES
- ... **DIISOCYANATES**

DIKES

- USE ROCK INTRUSIONS

DILATATION

- USE STRETCHING

DILATATIONAL WAVES

- GS ELASTIC WAVES
- . **DILATATIONAL WAVES**
- RT LONGITUDINAL WAVES
- P WAVES
- S WAVES
- SEISMIC WAVES
- ∞ SHEAR
- STRETCHING
- ∞ WAVES

DILATOMETERS

- USE EXTENSOMETERS

DILATOMETRY

- RT EXTENSOMETERS
- ∞ MEASUREMENT
- THERMAL EXPANSION

DILUENTS

- RT ADDITIVES
- ∞ AGENTS
- COMBUSTION PRODUCTS
- CONTAMINANTS
- DISPERSIONS
- EXHAUST GASES
- SOLVENTS

DILUTION

- GS **DILUTION**
- . GEOMETRIC DILUTION OF PRECISION
- RT ATTENUATION
- CONCENTRATION (COMPOSITION)
- DIFFUSION
- DISPERSING
- DISPOSAL
- DISSIPATION
- DISSOLVING
- LOW CONCENTRATIONS
- MIXING
- PURITY
- ∞ REDUCTION
- WASTE DISPOSAL

DIMENHYDRINATE

- GS AMINES
- . **DIMENHYDRINATE**
- DRUGS
- . ANTIHISTAMINICS
- .. **DIMENHYDRINATE**
- HETEROCYCLIC COMPOUNDS
- . **DIMENHYDRINATE**

DIMENSIONAL ANALYSIS

- RT ∞ APPLICATIONS OF MATHEMATICS
- DIMENSIONLESS NUMBERS
- DIMENSIONS
- FIBERS (MATHEMATICS)
- FLUID FLOW
- PARAMETERIZATION
- SCALING LAWS
- SIMILARITY NUMBERS
- UNITS OF MEASUREMENT

DIMENSIONAL MEASUREMENT

- RT DEFORMETERS
- DISTANCE MEASURING EQUIPMENT
- ∞ MEASUREMENT
- MICROMETERS
- SIZE DETERMINATION

DIMENSIONAL STABILITY

- GS MECHANICAL PROPERTIES
- . **DIMENSIONAL STABILITY**
- .. STRUCTURAL STABILITY
- ... SHELL STABILITY
- STABILITY
- . STATIC STABILITY
- .. **DIMENSIONAL STABILITY**
- ... STRUCTURAL STABILITY
- ... SHELL STABILITY
- RT CREEP PROPERTIES
- CURL (MATERIALS)
- DYNAMIC STABILITY
- ROCHE LIMIT
- THERMAL STABILITY
- TOLERANCES (MECHANICS)

DIMENSIONLESS NUMBERS

- GS RATIOS
- . **DIMENSIONLESS NUMBERS**
- .. FROUDE NUMBER
- .. GRASHOF NUMBER
- .. HARTMANN NUMBER
- .. LAVAL NUMBER
- .. LEWIS NUMBERS
- .. MACH NUMBER
- .. NUSSELT NUMBER
- .. PECLET NUMBER
- .. PRANDTL NUMBER
- .. RAYLEIGH NUMBER
- .. REYNOLDS NUMBER
- .. RICHARDSON NUMBER
- .. SCHMIDT NUMBER
- .. SIMILARITY NUMBERS
- .. STANTON NUMBER
- .. STROUHAL NUMBER
- RT DIMENSIONAL ANALYSIS
- FLUID FLOW
- HEAT TRANSFER
- ∞ NUMBERS
- SCALING LAWS

DIMENSIONS

- GS **DIMENSIONS**
- . DEPTH
- . DIAMETERS
- . FILM THICKNESS
- . HEIGHT
- .. SCALE HEIGHT
- . LENGTH
- . RADII
- . LARMOR RADIUS
- . TARGET THICKNESS
- . WIDTH
- RT AMPLITUDES
- ∞ DESIGN
- DIMENSIONAL ANALYSIS
- DISTANCE
- DRAWINGS
- ENGINEERING DRAWINGS
- FINENESS RATIO
- GEOMETRY
- MAGNITUDE
- PARTICLE SIZE DISTRIBUTION
- RELATIVISTIC EFFECTS
- ∞ SPAN
- THICKNESS
- TOPOLOGY

DIMENSIONS-(CONT.)

- UNITS OF MEASUREMENT
- VOLUME

DIMERCAPROL

- GS ALIPHATIC COMPOUNDS
- . THIOLS
- .. **DIMERCAPROL**
- SULFUR COMPOUNDS
- . THIOLS
- .. **DIMERCAPROL**

DIMERIZATION

- GS POLYMERIZATION
- . **DIMERIZATION**
- RT COPOLYMERIZATION

DIMERS

- GS PREPOLYMERS
- . **DIMERS**
- RT MONOMERS
- TRIMERS

DIMETHYLHYDRAZINES

- GS ALIPHATIC COMPOUNDS
- . HYDRAZINES
- .. **DIMETHYLHYDRAZINES**
- AMINES
- .. **DIMETHYLHYDRAZINES**
- RT AEROZINE
- METHYLHYDRAZINE

DIMINUTION

- USE REDUCTION

DIMMING

- RT BRIGHTNESS
- LIGHT EMISSION
- ∞ REDUCTION

DIMPLING

- RT BULGING
- METAL WORKING
- STAMPING

DINFIA AIRCRAFT

- RT ∞ AIRCRAFT

DINFIA FA AIRCRAFT

- UF GUARANI AIRCRAFT
- GUARANI 1 AIRCRAFT
- GS JET AIRCRAFT
- TURBOPROP AIRCRAFT
- .. **DINFIA FA AIRCRAFT**
- LIGHT AIRCRAFT
- . **DINFIA FA AIRCRAFT**
- MONOPLANES
- . **DINFIA FA AIRCRAFT**
- TRANSPORT AIRCRAFT
- . **DINFIA FA AIRCRAFT**
- RT GENERAL AVIATION AIRCRAFT
- PASSENGER AIRCRAFT

DINITRATES

- GS NITROGEN COMPOUNDS
- . NITRATES
- .. **DINITRATES**

DIODE-TRANSISTOR-LOGIC INTEG CIRCUITS

- USE DTL INTEGRATED CIRCUITS

DIODES

- UF P-I-N DIODES
- GS ELECTRONIC EQUIPMENT
- . **DIODES**
- .. CESIUM DIODES
- .. CRYSTAL RECTIFIERS
- .. PLASMA DIODES
- .. SEMICONDUCTOR DIODES
- ... AVALANCHE DIODES
- ... BARRITT DIODES
- ... GERMANIUM DIODES
- ... GUNN DIODES
- ... JUNCTION DIODES
- ... LIGHT EMITTING DIODES
- ... PARAMETRIC DIODES
- ... PHOTODIODES
- ... SCHOTTKY DIODES
- ... TUNNEL DIODES
- ... VARACTOR DIODES
- RT ELECTRON TUBES
- ION IMPLANTATION
- RECTIFIERS
- SEMICONDUCTOR DEVICES

DIODES-(CONT.)

SOLIONS
TRAPATT DEVICES
TRIODES
VARACTOR DIODE CIRCUITS

DIONE

GS SATELLITES
.. NATURAL SATELLITES
.. SATURN SATELLITES
.. **DIONE**
RT SATURN (PLANET)

DIOPHANTINE EQUATION

GS NUMBER THEORY
.. **DIOPHANTINE EQUATION**
RT ∞ EQUATIONS

DIORITE

GS ROCKS
.. IGNEOUS ROCKS
.. **DIORITE**
RT MINERALS
SOILS

DIOXIDES

GS CHALCOGENIDES
.. OXIDES
.. **DIOXIDES**
.. CARBON DIOXIDE
.. FLINT
.. HYDROGEN PEROXIDE
.. SILICON DIOXIDE
.. QUARTZ
.. COESITE
.. SULFUR DIOXIDES
RT KARL FISCHER REAGENT
PEROXIDES
SULFUR OXIDES
THORIUM OXIDES
TITANIUM OXIDES

DIPHENYL COMPOUNDS

GS HYDROCARBONS
.. **DIPHENYL COMPOUNDS**
.. DIPHENYL HYDANTOIN

DIPHENYL HYDANTOIN

GS AMINES
.. **DIPHENYL HYDANTOIN**
DRUGS
.. ANTIHISTAMINICS
.. **DIPHENYL HYDANTOIN**
HYDROCARBONS
.. DIPHENYL COMPOUNDS
.. **DIPHENYL HYDANTOIN**

DIPHOSPHATES

GS PHOSPHORUS COMPOUNDS
.. PHOSPHATES
.. **DIPHOSPHATES**
.. ADENOSINE DIPHOSPHATE

DIPHThERIA

GS DISEASES
.. INFECTIOUS DISEASES
.. **DIPHThERIA**
RT TOXIC DISEASES

DIPLEXERS

GS CIRCUITS
.. **DIPLEXERS**
COMMUNICATION EQUIPMENT
.. **DIPLEXERS**
COUPLERS
.. ANTENNA COUPLERS
.. **DIPLEXERS**
RT COUPLES
RADAR ANTENNAS
RADAR EQUIPMENT
TELEVISION EQUIPMENT
TRANSFORMERS

DIPOLE ANTENNAS

SN (SINGLE DIPOLE ANTENNAS)
GS ANTENNAS
.. DIRECTIONAL ANTENNAS
.. **DIPOLE ANTENNAS**
RT ANTENNA ARRAYS
ANTENNA DESIGN
 ∞ DIPOLES
DIRECTORS (ANTENNA ELEMENTS)
LENS ANTENNAS
LINEAR ARRAYS

DIPOLE ANTENNAS-(CONT.)

LOG PERIODIC ANTENNAS
LOG SPIRAL ANTENNAS
MONOPOLE ANTENNAS
OMNIDIRECTIONAL ANTENNAS
RADAR ANTENNAS
TURNSTILE ANTENNAS
YAGI ANTENNAS

DIPOLE MOMENTS

GS MOMENTS
.. **DIPOLE MOMENTS**
.. ELECTRIC MOMENTS
.. MAGNETIC MOMENTS
RT DOMAINS
ELECTRICAL PROPERTIES
MAGNETIC DOMAINS
MAGNETIC PROPERTIES
VAN DER WAAL FORCES

 ∞ DIPOLES

SN *(USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)*
RT DIPOLE ANTENNAS
ELECTRIC CHARGE
ELECTRIC DIPOLES
MAGNETIC DIPOLES
MAGNETIC POLES
MONOPOLES
ORBITING DIPOLES
POLARITY
 ∞ POLES
QUADRUPOLES

DIPPING

RT BATHS
COATINGS
QUENCHING (COOLING)
SUBMERGING
WETTING

DIRAC EQUATION

GS WAVE EQUATIONS
.. **DIRAC EQUATION**
RT ∞ EQUATIONS
FIELD THEORY (PHYSICS)
KLEIN-GORDON EQUATION
LORENTZ TRANSFORMATIONS
QUANTUM THEORY

DIRECT CURRENT

UF DC (CURRENT)
GS ELECTRIC CURRENT
.. **DIRECT CURRENT**
RT ALTERNATING CURRENT
CURRENT CONVERTERS (AC TO DC)
HOMOPOLAR GENERATORS
INVERTED CONVERTERS (DC TO AC)
VOLTAGE CONVERTERS (DC TO DC)

DIRECT LIFT CONTROLS

RT ∞ CONTROL
LIFT DEVICES

DIRECT POWER GENERATORS

UF ENERGY CONVERTERS
GS ELECTRIC GENERATORS
.. **DIRECT POWER GENERATORS**
.. ELECTROSTATIC GENERATORS
.. FUEL CELLS
.. BIOCHEMICAL FUEL CELLS
.. HYDROGEN OXYGEN FUEL CELLS
.. PHOSPHORIC ACID FUEL CELLS
.. REGENERATIVE FUEL CELLS
.. MAGNETOHYDRODYNAMIC
GENERATORS
.. PHOTOELECTRIC GENERATORS
.. PRIMARY BATTERIES
.. ALKALINE BATTERIES
.. DRY CELLS
.. MAGNESIUM CELLS
.. NICKEL ZINC BATTERIES
.. METAL AIR BATTERIES
.. ZINC-OXYGEN BATTERIES
.. THERMAL BATTERIES
.. RADIOISOTOPE BATTERIES
.. SNAP 7
.. SNAP 9A
.. SNAP 11
.. SNAP 13
.. SNAP 15
.. SNAP 17
.. SNAP 19
.. SNAP 21

DIRECT POWER GENERATORS-(CONT.)

.. SNAP 23
.. SNAP 27
.. SNAP 29
.. SOLAR CELLS
.. HOMOJUNCTIONS
.. VERTICAL JUNCTION SOLAR CELLS
.. THERMIONIC CONVERTERS
.. SNAP 13
.. SOLAR BLANKETS
.. THERMOELECTRIC GENERATORS
.. SNAP 3
.. SNAP 7
.. SNAP 9A
.. SNAP 10A
.. SNAP 11
.. SNAP 15
.. SNAP 17
.. SNAP 19
.. SNAP 21
.. SNAP 23
.. SNAP 27
.. SNAP 29
RT .. SOLAR SEA POWER PLANTS
AUXILIARY POWER SOURCES
 ∞ CONVERTERS
ELECTRIC BATTERIES
 ∞ ELECTRIC CELLS
ELECTRIC ENERGY STORAGE
ENERGY ABSORPTION FILMS
ENERGY CONVERSION
ENERGY CONVERSION EFFICIENCY
 ∞ GENERATORS
HEAT GENERATION
PHOTOELECTRIC CELLS
SOLAR GENERATORS
SOLAR TOTAL ENERGY SYSTEMS
SPACECRAFT POWER SUPPLIES

DIRECT READOUT EQUATORIAL WEATHER SAT

UF DREWS (SATELLITES)
GS SATELLITES
.. ARTIFICIAL SATELLITES
.. METEOROLOGICAL SATELLITES
.. **DIRECT READOUT EQUATORIAL
WEATHER SAT**
.. EARTH SATELLITES
.. METEOROLOGICAL SATELLITES
.. **DIRECT READOUT EQUATORIAL
WEATHER SAT**
RT CLOUD PHOTOGRAPHY
SATELLITE OBSERVATION

 ∞ DIRECTION

SN *(USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)*
RT AUTONOMY
AZIMUTH
BEARING (DIRECTION)
DIRECTIVITY
LINE OF SIGHT
MANAGEMENT
REVERSING

DIRECTION FINDERS (RADIO)

USE RADIO DIRECTION FINDERS

DIRECTIONAL ANTENNAS

UF TRACKING ANTENNAS
GS ANTENNAS
.. **DIRECTIONAL ANTENNAS**
.. DIPOLE ANTENNAS
.. HELICAL ANTENNAS
.. HORN ANTENNAS
.. LENS ANTENNAS
.. LOG PERIODIC ANTENNAS
.. LOOP ANTENNAS
.. PARABOLIC ANTENNAS
.. RADAR ANTENNAS
.. RADANT
.. RHOMBIC ANTENNAS
.. SLOT ANTENNAS
.. STEERABLE ANTENNAS
.. INERTIALESS STEERABLE
ANTENNAS
.. TWO REFLECTOR ANTENNAS
.. YAGI ANTENNAS
RT ANTENNA ARRAYS
ANTENNA RADIATION PATTERNS
AUTOMATIC GIMBAL ANTENNA VECTOR
EQUIPMENT
BACKLOBES
BORESIGHT ERROR
BORESIGHTS

DIRECTIONAL ANTENNAS-(CONT.)

ENDFIRE ARRAYS
MICROWAVE ANTENNAS
MICROWAVE COUPLING
MISSILE ANTENNAS
MONOPULSE ANTENNAS
OMNIDIRECTIONAL ANTENNAS
RADIO ANTENNAS
SOMMERFELD APPROXIMATION
SPINNERS

DIRECTIONAL CONTROL

UF VECTOR CONTROL
GS ATTITUDE CONTROL
 . **DIRECTIONAL CONTROL**
 . . THRUST VECTOR CONTROL
RT AIRCRAFT CONTROL
 AUTOMATIC CONTROL
 ∞ CONTROL
 HELICOPTER CONTROL
 JET CONTROL
 LATERAL CONTROL
 LONGITUDINAL CONTROL
 MANUAL CONTROL
 MISSILE CONTROL
 ∞ REACTION CONTROL
 ROCKET ENGINE CONTROL
 SATELLITE ATTITUDE CONTROL
 SATELLITE CONTROL
 YAW

DIRECTIONAL SOLIDIFICATION (CRYSTALS)

GS CRYSTALLIZATION
 . **DIRECTIONAL SOLIDIFICATION (CRYSTALS)**
 GROWTH
 . CRYSTAL GROWTH
 . . **DIRECTIONAL SOLIDIFICATION (CRYSTALS)**
RT CONTAINERLESS MELTS
 EUTECTIC COMPOSITES
 PHASE TRANSFORMATIONS

DIRECTIONAL STABILITY

GS DYNAMIC CHARACTERISTICS
 . DYNAMIC STABILITY
 . . MOTION STABILITY
 . . . ATTITUDE STABILITY
 **DIRECTIONAL STABILITY**
 GYROSCOPIC STABILITY
 STABILITY
 . DYNAMIC STABILITY
 . . MOTION STABILITY
 . . . ATTITUDE STABILITY
 **DIRECTIONAL STABILITY**
 GYROSCOPIC STABILITY
RT AERODYNAMIC STABILITY
 AIRCRAFT STABILITY
 CONTROLLABILITY
 FLOW STABILITY
 HORIZONTAL ORIENTATION
 HOVERING STABILITY
 LATERAL OSCILLATION
 LATERAL STABILITY
 LONGITUDINAL STABILITY
 ROTARY STABILITY
 SPACECRAFT STABILITY
 STABILITY AUGMENTATION
 VERTICAL ORIENTATION
 YAW

DIRECTIVITY

RT ALIGNMENT
 ANISOTROPY
 COLLIMATION
 CRYSTALLOGRAPHY
 ∞ DIRECTION
 FIELD STRENGTH
 INSTRUMENT ORIENTATION
 ISOTROPY
 LOOK ANGLES (ELECTRONICS)
 ∞ ORIENTATION

DIRECTORIES

USE INDEXES (DOCUMENTATION)

DIRECTORS (ANTENNA ELEMENTS)

RT DIPOLE ANTENNAS
 RADIO RECEIVERS
 REFLECTOMETERS
 REFLECTORS
 RODS
 YAGI ANTENNAS

DIRICHLET PROBLEM

GS BOUNDARY VALUE PROBLEMS
 . **DIRICHLET PROBLEM**
RT DIFFERENTIAL EQUATIONS
 HYPERBOLIC DIFFERENTIAL EQUATIONS
 ∞ PROBLEMS

DIRIGIBLES

USE AIRSHIPS

DIRT

GS SOILS
 . **DIRT**
RT CONTAMINANTS
 DUST
 IMPURITIES
 PARTICLES
 ROCKS

DISARMAMENT

RT ARMED FORCES (FOREIGN)
 ARMED FORCES (UNITED STATES)
 INTERNATIONAL COOPERATION
 WEAPONS

DISASTERS

RT ACCIDENTS
 CASUALTIES
 EMERGENCIES
 FIRST AID
 SABOTAGE

∞ DISCHARGE

SN *(USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)*

RT DETONATION
 DISPERSING
 DISPOSAL
 DRAINAGE
 EFFLUENTS
 EJECTION
 ELECTRIC DISCHARGES
 ELECTRODELESS DISCHARGES
 ELIMINATION
 EMISSION
 EXHAUSTING
 EXPELLANTS
 EXPLOSIONS
 OUTLETS
 RELEASING
 RELIEVING
 RING DISCHARGE
 UNLOADING
 VENTING

DISCHARGE COEFFICIENT

GS COEFFICIENTS
 . FLOW COEFFICIENTS
 . . **DISCHARGE COEFFICIENT**
RT AXIAL FLOW
 FLOW VELOCITY
 INFLUENCE COEFFICIENT
 MASS FLOW FACTORS
 NOZZLE FLOW
 NOZZLE GEOMETRY
 NOZZLE THRUST COEFFICIENTS
 WALL FLOW

DISCHARGE TUBES

USE GAS DISCHARGE TUBES

DISCHARGERS

GS **DISCHARGERS**
 . STATIC DISCHARGERS
RT DISSIPATION
 NEUTRALIZERS

DISCIPLINING

RT LIABILITIES
 MORALE
 PENALTIES

DISCOLORATION

RT COLOR
 DAMAGE
 DEGRADATION
 FADING
 STAINING

DISCONNECT DEVICES

UF DISCONNECTORS
RT CIRCUIT BREAKERS
 CONNECTORS
 DECOUPLING

DISCONNECT DEVICES-(CONT.)

DUMPING
EJECTION
ELECTRIC CONNECTORS
ELECTRIC FUSES
ELECTRIC RELAYS
∞ RELAY
 RELEASING

DISCONNECTORS

USE DISCONNECT DEVICES

DISCONTINUITY

GS **DISCONTINUITY**
 . SHOCK DISCONTINUITY
RT ANALYSIS (MATHEMATICS)
 CATASTROPHE THEORY
 GIBBS PHENOMENON
 INCOHERENCE
 VORTEX STREETS

DISCOS (SATELLITE ATTITUDE CONTROL)

RT ATTITUDE STABILITY
 NOVA SATELLITE
 SATELLITE PERTURBATION
 SPACECRAFT STABILITY
 TRANSIT SATELLITES

DISCOVERER RECOVERY CAPSULES

UF DRC (CAPSULE)
GS SPACE CAPSULES
 . **DISCOVERER RECOVERY CAPSULES**
RT RECOVERY PARACHUTES
 SPACECRAFT RECOVERY

DISCOVERER SATELLITES

GS SATELLITES
 . ARTIFICIAL SATELLITES
 . . **DISCOVERER SATELLITES**
 . . . DISCOVERER 5 SATELLITE
 . . . DISCOVERER 6 SATELLITE
 . . . DISCOVERER 15 SATELLITE
 . . . DISCOVERER 17 SATELLITE
 . . . DISCOVERER 18 SATELLITE
 . . . DISCOVERER 29 SATELLITE
 . . . DISCOVERER 30 SATELLITE
 . . . DISCOVERER 31 SATELLITE
 . . . DISCOVERER 32 SATELLITE
 . . . DISCOVERER 36 SATELLITE
 . . . DISCOVERER 38 SATELLITE
 . EARTH SATELLITES
 . . **DISCOVERER SATELLITES**
 . . . DISCOVERER 5 SATELLITE
 . . . DISCOVERER 6 SATELLITE
 . . . DISCOVERER 15 SATELLITE
 . . . DISCOVERER 17 SATELLITE
 . . . DISCOVERER 18 SATELLITE
 . . . DISCOVERER 29 SATELLITE
 . . . DISCOVERER 30 SATELLITE
 . . . DISCOVERER 31 SATELLITE
 . . . DISCOVERER 32 SATELLITE
 . . . DISCOVERER 36 SATELLITE
 . . . DISCOVERER 38 SATELLITE
RT AGENA A ROCKET VEHICLE
 AGENA B ROCKET VEHICLE
 AGENA ROCKET VEHICLES
 THOR AGENA LAUNCH VEHICLE

DISCOVERER 5 SATELLITE

GS SATELLITES
 . ARTIFICIAL SATELLITES
 . . DISCOVERER SATELLITES
 . . . **DISCOVERER 5 SATELLITE**
 . EARTH SATELLITES
 . . DISCOVERER SATELLITES
 . . . **DISCOVERER 5 SATELLITE**
RT POLAR ORBITS

DISCOVERER 6 SATELLITE

GS SATELLITES
 . ARTIFICIAL SATELLITES
 . . DISCOVERER SATELLITES
 . . . **DISCOVERER 6 SATELLITE**
 . EARTH SATELLITES
 . . DISCOVERER SATELLITES
 . . . **DISCOVERER 6 SATELLITE**
RT POLAR ORBITS

DISCOVERER 15 SATELLITE

GS SATELLITES
 . ARTIFICIAL SATELLITES
 . . DISCOVERER SATELLITES
 . . . **DISCOVERER 15 SATELLITE**
 . EARTH SATELLITES
 . . DISCOVERER SATELLITES

DISCOVERER 17 SATELLITE

DISCOVERER 15 SATELLITE-(CONT.)
... DISCOVERER 15 SATELLITE

DISCOVERER 17 SATELLITE
GS REENTRY VEHICLES
RECOVERABLE SPACECRAFT
... DISCOVERER 17 SATELLITE
SATELLITES
ARTIFICIAL SATELLITES
... DISCOVERER SATELLITES
... DISCOVERER 17 SATELLITE
EARTH SATELLITES
... DISCOVERER SATELLITES
... DISCOVERER 17 SATELLITE

DISCOVERER 18 SATELLITE
GS REENTRY VEHICLES
RECOVERABLE SPACECRAFT
... DISCOVERER 18 SATELLITE
SATELLITES
ARTIFICIAL SATELLITES
... DISCOVERER SATELLITES
... DISCOVERER 18 SATELLITE
EARTH SATELLITES
... DISCOVERER SATELLITES
... DISCOVERER 18 SATELLITE

DISCOVERER 29 SATELLITE
GS REENTRY VEHICLES
RECOVERABLE SPACECRAFT
... DISCOVERER 29 SATELLITE
SATELLITES
ARTIFICIAL SATELLITES
... DISCOVERER SATELLITES
... DISCOVERER 29 SATELLITE
EARTH SATELLITES
... DISCOVERER SATELLITES
... DISCOVERER 29 SATELLITE

DISCOVERER 30 SATELLITE
GS REENTRY VEHICLES
RECOVERABLE SPACECRAFT
... DISCOVERER 30 SATELLITE
SATELLITES
ARTIFICIAL SATELLITES
... DISCOVERER SATELLITES
... DISCOVERER 30 SATELLITE
EARTH SATELLITES
... DISCOVERER SATELLITES
... DISCOVERER 30 SATELLITE

DISCOVERER 31 SATELLITE
GS SATELLITES
ARTIFICIAL SATELLITES
... DISCOVERER SATELLITES
... DISCOVERER 31 SATELLITE
EARTH SATELLITES
... DISCOVERER SATELLITES
... DISCOVERER 31 SATELLITE

DISCOVERER 32 SATELLITE
GS REENTRY VEHICLES
RECOVERABLE SPACECRAFT
... DISCOVERER 32 SATELLITE
SATELLITES
ARTIFICIAL SATELLITES
... DISCOVERER SATELLITES
... DISCOVERER 32 SATELLITE
EARTH SATELLITES
... DISCOVERER SATELLITES
... DISCOVERER 32 SATELLITE

DISCOVERER 36 SATELLITE
GS REENTRY VEHICLES
RECOVERABLE SPACECRAFT
... DISCOVERER 36 SATELLITE
SATELLITES
ARTIFICIAL SATELLITES
... DISCOVERER SATELLITES
... DISCOVERER 36 SATELLITE
EARTH SATELLITES
... DISCOVERER SATELLITES
... DISCOVERER 36 SATELLITE

DISCOVERER 38 SATELLITE
GS REENTRY VEHICLES
RECOVERABLE SPACECRAFT
... DISCOVERER 38 SATELLITE
SATELLITES
ARTIFICIAL SATELLITES
... DISCOVERER SATELLITES
... DISCOVERER 38 SATELLITE
EARTH SATELLITES
... DISCOVERER SATELLITES
... DISCOVERER 38 SATELLITE

DISCOVERING
USE EXPLORATION

DISCRETE ADDRESS BEACON SYSTEM
GS LANDING AIDS
AIRPORT BEACONS
... DISCRETE ADDRESS BEACON
SYSTEM
NAVIGATION AIDS
BEACONS
... AIRPORT BEACONS
... DISCRETE ADDRESS BEACON
SYSTEM
RADAR BEACONS
... DISCRETE ADDRESS BEACON
SYSTEM
RADAR EQUIPMENT
... DISCRETE ADDRESS BEACON SYSTEM
RT AIR TRAFFIC CONTROL
DATA LINKS
GROUND-AIR-GROUND COMMUNICATION
SECONDARY RADAR

DISCRETE FUNCTIONS
GS FUNCTIONS (MATHEMATICS)
DISCRETE FUNCTIONS
RT DISTRIBUTION FUNCTIONS
HISTOGRAMS
NORMAL DENSITY FUNCTIONS
POISSON DENSITY FUNCTIONS
PROBABILITY DENSITY FUNCTIONS
PROBABILITY DISTRIBUTION FUNCTIONS
STATISTICAL ANALYSIS

DISCRIMINANT ANALYSIS (STATISTICS)
UF DISCRIMINANT FUNCTIONS
GS FUNCTIONS (MATHEMATICS)
DISCRIMINANT ANALYSIS
(STATISTICS)
STATISTICAL ANALYSIS
DISCRIMINANT ANALYSIS
(STATISTICS)
RT CLASSIFYING
MULTIVARIATE STATISTICAL ANALYSIS
POPULATIONS

DISCRIMINANT FUNCTIONS
USE DISCRIMINANT ANALYSIS (STATISTICS)

DISCRIMINATION
GS DISCRIMINATION
BRIGHTNESS DISCRIMINATION
SENSORY DISCRIMINATION
... TACTILE DISCRIMINATION
... VISUAL DISCRIMINATION
RT ACUITY
COMPARATOR CIRCUITS
DIFFERENTIATION
SELECTIVITY
SIGNAL DETECTION
SIGNAL DETECTORS
TARGET RECOGNITION

DISCRIMINATORS
GS CIRCUITS
DISCRIMINATORS
... FRAUNHOFER LINE DISCRIMINATORS
... FREQUENCY DISCRIMINATORS
RT ANALOG COMPUTERS
COMPARATORS
ERROR SIGNALS
INTERMODULATION
RC CIRCUITS

DISCUSSION
SN (USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)
RT CONFERENCES
EVALUATION
EXAMINATION
REPORTS
REVIEWING

DISEASED VEGETATION
USE BLIGHT

DISEASES
GS DISEASES
ADDISON'S DISEASE
ALBINISM
ANEMIAS
ARTERIOSCLEROSIS
ARTHRITIS

NASA THESAURUS (VOLUME 1)

DISEASES-(CONT.)
ATAXIA
ATELECTASIS
BONE DEMINERALIZATION
COLIC
CYANOSIS
DIABETES MELLITUS
EDEMA
ENCEPHALITIS
EPILEPSY
EYE DISEASES
ASTHENOPIA
ASTIGMATISM
CATARACTS
CONJUNCTIVITIS
GLAUCOMA
KERATITIS
PHORIA
FAT EMBOLISMS
FIBROSIS
CYSTIC FIBROSIS
HEADACHE
HEART DISEASES
ANGINA PECTORIS
CORONARY ARTERY DISEASE
INFARCTION
MYOCARDIAL INFARCTION
INFECTIOUS DISEASES
AIRBORNE INFECTION
CHOLERA
CONJUNCTIVITIS
DERMATITIS
CONTACT DERMATITIS
DIPHTHERIA
HANSEN'S DISEASE
HEPATITIS
INFLUENZA
MENINGITIS
POLIOMYELITIS
SMALLPOX
SYPHILIS
TUBERCULOSIS
TYPHOID
TYPHUS
KIDNEY DISEASES
NEPHRITIS
LITHIASIS
METABOLIC DISEASES
MILIARIA
NARCOLEPSY
NEURASTHENIA
NEURITIS
OSTEOPOROSIS
PARALYSIS
PARASITIC DISEASES
BLIGHT
PARKINSON DISEASE
PULMONARY LESIONS
RADIATION SICKNESS
RESPIRATORY DISEASES
AEROSINUSITIS
ASTHMA
EMPHYSEMA
INFLUENZA
PNEUMONIA
TUBERCULOSIS
RHEUMATIC DISEASES
TACHYCARDIA
THROMBOPENIA
THROMBOSIS
TOOTH DISEASES
TOXIC DISEASES
CARBON MONOXIDE POISONING
LEAD POISONING
TUMORS
NEOPLASMS
CANCER
LEUKEMIAS
ULCERS
UROLITHIASIS
CHRONIC CONDITIONS
CREATININE
CURES
DIAGNOSIS
ETIOLOGY
MEDICAL SCIENCE
PATHOGENESIS
PATHOLOGICAL EFFECTS
PNEUMOTHORAX
PROPHYLAXIS
SIGNS AND SYMPTOMS
SYMPTOMOLOGY
THERAPY
VACCINES
VETERINARY MEDICINE

RT

DISHES
USE PARABOLIC REFLECTORS

DISILICIDES
GS SILICON COMPOUNDS
 . SILICIDES
 . . **DISILICIDES**
RT SILANES
 SILICATES

DISINFECTANTS
USE ANTISEPTICS

DISINTEGRATION
RT ATOMIZING
 COMMINUTION
 CRUSHERS
 CRUSHING
 DAMAGE
 DECAY
 DECOMPOSITION
 DETERIORATION
 FLAKING
 GRINDING (COMMINUTION)
 IONIZATION
 LYSOGENESIS

DISK GALAXIES
GS CELESTIAL BODIES
 . GALAXIES
 . . **DISK GALAXIES**
RT ANDROMEDA GALAXIES
 ASTROPHYSICS
 BARRED GALAXIES
 ELLIPTICAL GALAXIES
 GALACTIC CLUSTERS
 GALACTIC EVOLUTION
 GALACTIC NUCLEI
 GALACTIC ROTATION
 GALACTIC STRUCTURE
 RADIO GALAXIES
 SPIRAL GALAXIES
 STAR CLUSTERS
 VIRGO GALACTIC CLUSTER

DISKS
SN *(USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)*
RT ACTUATOR DISKS
 DISKS (SHAPES)
 INTERVERTEBRAL DISKS
 MAGNETIC DISKS

DISKS (SHAPES)
GS **DISKS (SHAPES)**
 . ACTUATOR DISKS
 . INTERVERTEBRAL DISKS
 . ROTATING DISKS
RT AERODYNAMIC CONFIGURATIONS
 BODIES OF REVOLUTION
 CIRCULAR PLATES
 . DISKS
 . PLATES
 VIDEO DISKS

DISLOCATIONS (MATERIALS)
GS **DISLOCATIONS (MATERIALS)**
 . CRYSTAL DISLOCATIONS
 . . EDGE DISLOCATIONS
 . . . SCREW DISLOCATIONS
RT DISPLACEMENT
 FLOW THEORY

DISORDERS
GS DISORIENTATION
 . **DISORDERS**
RT CHOLERA
 CHRONIC CONDITIONS
 DEPERSONALIZATION
 . DEPRESSION
 DETACHMENT
 . DISTURBANCES
 DITHERS
 EMOTIONAL FACTORS
 HUMAN BEHAVIOR
 JET LAG
 PSYCHOLOGY
 PSYCHOSES
 VIOLENCE

DISORIENTATION
SN (EXCLUDES PHYSICAL OR
 MATHEMATICAL MISALIGNMENT)

DISORIENTATION-(CONT.)

GS **DISORIENTATION**
 . DISORDERS
 . . JET LAG
RT BIOLOGICAL EFFECTS
 CORIOLIS EFFECT
 DETACHMENT
 DITHERS
 IRRATIONALITY
 MISALIGNMENT
 PSYCHOLOGICAL EFFECTS
 PSYCHOLOGY
 STAGGERING
 WEIGHTLESSNESS

DISPATCHING
USE DISTRIBUTING

DISPENSERS
RT DISTRIBUTORS
 EJECTORS
 FEEDERS
 MATERIALS HANDLING
 ROLLERS
 SPRAYERS

DISPERSING
SN (OF MATERIALS OR PARTICLES)
RT

AGITATION
ASSIMILATION
CHEMICAL RELEASE MODULES
CIRCULATION
CLOUD DISPERSAL
COLLOIDING
DEFLECTION
DIFFUSION
DILUTION
 . DISCHARGE
 . DISPERION
 DISPERSIONS
 DISPOSAL
 DISSIPATION
 DISTRIBUTING
 . DISTRIBUTION
 ENTRAINMENT
 EXHAUSTING
 FOG DISPERSAL
 HOMOGENIZING
 LANGEVIN FORMULA
 PERMEATING
 POLLUTION TRANSPORT
 . REDUCTION
 RELEASING
 SCATTERING
 . SEPARATION
 SHAKING
 SPRAYING
 SPREADING
 STIRRING
 SUSPENDING (MIXING)
 SWIRLING

DISPERSION
SN *(USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)*

RT DEVIATION
 DIFFUSION
 DISPERSING
 DISPERSIONS
 DUST
 KRAMERS-KRONIG FORMULA
 MAGNETIC DISPERSION
 MIXERS
 RANDOM ERRORS
 STATISTICAL ANALYSIS
 VARIABILITY
 WAVE DISPERSION

DISPERSION PRECIPITATION HARDENING
USE PRECIPITATION HARDENING

DISPERSIONS
GS MIXTURES
 . **DISPERSIONS**
 . . COLLOIDS
 . . . AEROSOLS
 FOG
 . . . COLLOIDAL PROPELLANTS
 . . EMULSIONS
 . . . PHOTOGRAPHIC EMULSIONS
 NUCLEAR EMULSIONS
 . . LIQUID-GAS MIXTURES
 . . . AEROSOLS
 FOG

DISPERSIONS-(CONT.)

 . . PLASTISOLS
 . . . SMOKE
RT BROWNIAN MOVEMENTS
 COLLOIDAL GENERATORS
 CROP DUSTING
 DILUENTS
 DISPERSING
 . DISPERSION
 DUST
 FERROFLUIDS
 FOG DISPERSAL
 FUMES
 MIST
 PARTICLES
 SLURRIES
 SLURRY PROPELLANTS
 SUSPENDING (MIXING)
 . SUSPENSIONS

DISPLACEMENT

RT AMPLITUDES
 BENDING
 BIAS
 BORESIGHT ERROR
 DEFLECTION
 DEFORMATION
 DISLOCATIONS (MATERIALS)
 DISTORTION
 DIVERGENCE
 ENGINES
 FLEXIBLE SPACECRAFT
 HEAVING
 LEVEL (QUANTITY)
 MAGNITUDE
 . MOTION
 NUTATION
 POSITIONING
 SKEWNESS
 TEMPERATURE INVERSIONS
 VARIATIONS
 VIBRATION

DISPLACEMENT MEASUREMENT

SN (MEASUREMENT IN CHANGE OF
 POSITION)
GS MECHANICAL MEASUREMENT
 . **DISPLACEMENT MEASUREMENT**
RT BORESIGHT ERROR

DISPLAY DEVICES

UF DATA READOUT SYSTEMS
 DISPLAY SYSTEMS
 VISUAL DISPLAYS
GS **DISPLAY DEVICES**
 . APPROACH INDICATORS
 . FLOW DIRECTION INDICATORS
 . . WIND VANES
 . . GYRO HORIZONS
 . HEAD-UP DISPLAYS
 . HELMET MOUNTED DISPLAYS
 . KINOFORM
 . MICROVISION LANDING AID
 . PLASMA DISPLAY DEVICES
 . POSITION INDICATORS
 . . PLAN POSITION INDICATORS
 . . RADIO DIRECTION FINDERS
 . . SPACECRAFT POSITION INDICATORS
 . RADARSCOPES
 . . PLAN POSITION INDICATORS
 . . SPEED INDICATORS
 . . ANEMOMETERS
 . . . DRAG FORCE ANEMOMETERS
 . . . HOT-FILM ANEMOMETERS
 . . . HOT-WIRE ANEMOMETERS
 . . . SONIC ANEMOMETERS
 . . TACHOMETERS
RT AIRBORNE SURVEILLANCE RADAR
 AIRCRAFT EQUIPMENT
 AIRCRAFT INSTRUMENTS
 AUTOMATIC TYPEWRITERS
 CANCELLATION CIRCUITS
 CATHODE RAY TUBES
 CHARTS
 COMPUTER GRAPHICS
 CONSOLES
 CONTROL BOARDS
 CREW PROCEDURES (INFLIGHT)
 CREW PROCEDURES (PREFLIGHT)
 DATA RECORDERS
 . DETECTORS
 DIALS
 FLIGHT CONTROL
 FLIGHT INSTRUMENTS
 FLYING SPOT SCANNERS

DISPLAY SYSTEMS

DISPLAY DEVICES-(CONT.)

IMAGE RECONSTRUCTION
IMAGE TUBES
IMAGERY
IMAGES
INDICATING INSTRUMENTS
INSTRUMENT LANDING SYSTEMS
INSTRUMENT RECEIVERS
∞ INSTRUMENTS
LIGHT EMITTING DIODES
LISTS
MAN MACHINE SYSTEMS
MAP MATCHING GUIDANCE
MONITORS
NAVIGATION AIDS
PERCEPTUAL ERRORS
PHOTOGRAPHS
PICTURE TUBES
PLANETARIUMS
∞ PLOTS
PLOTTERS
PLOTTER
PRINTERS (DATA PROCESSING)
PROMOTION
RADAR
RADAR RESOLUTION
RAPID BALLISTICS IDENTIFICATION
READING
READOUT
REAL TIME OPERATION
RECEIVERS
REMOTE CONSOLES
∞ SCREENS
SOLAR COMPASSES
∞ STRIP
∞ SYSTEMS
TARGET SIMULATORS
TERCOM
VIDEO DATA
VIDEO EQUIPMENT
VIEWING
VISUAL AIDS
VISUAL CONTROL
WARNING SYSTEMS

DISPLAY SYSTEMS

USE DISPLAY DEVICES

DISPOSAL

GS DISPOSAL
WASTE DISPOSAL
COMPOSTING
RT AGITATION
CONTAINERS
DECONTAMINATION
DELETION
DILUTION
∞ DISCHARGE
DISPERSING
DISSIPATION
DISTRIBUTING
∞ DISTRIBUTION
DUMPING
EJECTION
ELIMINATION
EMPTYING
EXHAUSTING
EXPULSION
ISOLATION
JETTISONING
MATERIALS HANDLING
MATERIALS RECOVERY
REMOVAL
SINKS
SPREADING
∞ STORAGE
UNLOADING

DISRUPTING

RT ∞ INTERFERENCE
RUPTURING

DISSECTION

RT AUTOPSIES
PATHOLOGY

DISSIPATION

UF DISSIPATORS
GS DISSIPATION
ENERGY DISSIPATION
OHMIC DISSIPATION
RT ATMOSPHERIC TURBULENCE
ATTENUATION
DAMPING
DECONTAMINATION

DISSIPATION-(CONT.)

DEPLETION
DIFFUSION
DILUTION
DISCHARGERS
DISPERSING
DISPOSAL
EXHAUSTING
POLLUTION
PURIFICATION
∞ REDUCTION
REMOVAL
WASTE DISPOSAL

DISSIPATORS

USE DISSIPATION

DISSOCIATION

UF MOLECULAR DISSOCIATION
GS DISSOCIATION
AUTOIONIZATION
BIODEGRADABILITY
GAS DISSOCIATION
PHOTODISSOCIATION
THERMAL DISSOCIATION
RT ATOMIC RECOMBINATION
CHEMICAL EQUILIBRIUM
DEBYE-HUCKEL THEORY
DECOMPOSITION
ELECTRODISSOLUTION
HEAT OF DISSOCIATION
IONIZATION
MOLECULAR DIFFUSION
MOLECULAR INTERACTIONS

DISSOLUTION

USE DISSOLVING

DISSOLVED GASES

GS GASES
DISSOLVED GASES
RT AERATION
DISSOLVING
MIXTURES
OXYGENATION
SOLUBILITY
SOLUTIONS

DISSOLVING

UF DISSOLUTION
GS MIXING
DISSOLVING
RT AERATION
CHEMICAL ATTACK
CHEMICAL CLEANING
CLEANING
COMPOUNDING
CORROSION
DIFFUSION
DILUTION
DISSOLVED GASES
EXTRACTION
HOMOGENIZING
LEACHING
PRECIPITATION (CHEMISTRY)
∞ SEPARATION
SOFTENING
SOLUBILITY
SOLUTES
∞ SOLUTION
SOLVENT RETENTION
SOLVENTS
WASHING

DISSYMMETRY

USE ASYMMETRY

DISTANCE

GS DISTANCE
DEBYE LENGTH
MISS DISTANCE
MISSILE RANGES
OPTICAL SLANT RANGE
RADAR RANGE
RADIO RANGE
RANGE AND RANGE RATE TRACKING
REENTRY RANGE
RT AIRCRAFT PERFORMANCE
AIRCRAFT SPECIFICATIONS
ALTITUDE
DEPTH
DIMENSIONS
FOCUSING
GEOMETRY
HEIGHT

NASA THESAURUS (VOLUME 1)

DISTANCE-(CONT.)

LENGTH
POSITION (LOCATION)
PROXIMITY
RADAR NAVIGATION
∞ RANGE
RANGE (EXTREMES)
TAKEOFF RUNS
∞ TRAVEL

DISTANCE MEASURING EQUIPMENT

GS MEASURING INSTRUMENTS
DISTANCE MEASURING EQUIPMENT
ALTIMETERS
RADIO ALTIMETERS
GEODIMETERS
RANGE FINDERS
OPTICAL RANGE FINDERS
LASER RANGE FINDERS
STADIMETERS
TELLUROMETERS
RT AUTOMATIC FLIGHT CONTROL
AUTOMATIC LANDING CONTROL
DECCA NAVIGATION
DEPTH MEASUREMENT
DIMENSIONAL MEASUREMENT
LORAN NAVIGATION SYSTEM
LORAN
LUNAR RANGEFINDING
MICROMETERS
NAVIGATION
NAVIGATION AIDS
OMNIDIRECTIONAL RADIO RANGES
POSITION INDICATORS
RADAR
RADAR EQUIPMENT
RADAR MEASUREMENT
RADAR NAVIGATION
RADIO NAVIGATION
RANGE ERRORS
SHORAN
SOLAR COMPASSES
SONAR
SOUND RANGING

DISTANCE PERCEPTION

USE SPACE PERCEPTION

DISTERMINATING

RT ∞ SEPARATION
STOPPING

DISTILLATION

GS DISTILLATION
STRIPPING (DISTILLATION)
RT CHEMICAL FRACTIONATION
CONCENTRATING
CONDENSING
DEMINERALIZING
DESALINIZATION
DIFFUSION
EVAPORATION
FLASHING (VAPORIZING)
MATERIALS RECOVERY
PURGING
PURIFICATION
RECTIFICATION
REFINING
∞ SEPARATION
TAR SANDS
VAPORIZING
WASHING

DISTILLATION EQUIPMENT

RT COLUMNS (PROCESS ENGINEERING)
CONDENSERS (LIQUIFIERS)
∞ EQUIPMENT
STILLS

DISTORTION

GS DISTORTION
FLOW DISTORTION
SIGNAL DISTORTION
SURFACE DISTORTION
RT ABERRATION
ABNORMALITIES
ASTIGMATISM
ASYMMETRY
BENDING
BUCKLING
CAMBER
DEFLECTION
DEFORMATION
DEVIATION
DISPLACEMENT

DISTORTION-(CONT.)

EXPANSION
FAILURE
FLEXING
FOLDING
GHOSTS
HEAVING
REFRACTION
SKEWNESS
STRETCHING
SWELLING
TEMPERATURE INVERSIONS
TWISTING
VARIATIONS
WARPAGE
WRINKLING

DISTRIBUTED AMPLIFIERS

GS AMPLIFIERS
RT **DISTRIBUTED AMPLIFIERS**
∞ FREQUENCY RESPONSE
TRANSMISSION LINES

DISTRIBUTED PARAMETER SYSTEMS

RT CONTROL THEORY
DIFFERENTIAL EQUATIONS
INDEPENDENT VARIABLES
INTEGRAL EQUATIONS
LINEAR CIRCUITS
LINEAR SYSTEMS
NETWORK ANALYSIS
NONLINEAR SYSTEMS

DISTRIBUTING

UF DISPATCHING
RT ALLOCATIONS
ASSIMILATION
COMMERCIAL ENERGY
DISPERSING
DISPOSAL
∞ DISTRIBUTION
DOMESTIC ENERGY
∞ FOOD
INDUSTRIAL ENERGY
INVENTORY CONTROLS
MATERIALS HANDLING
POSITIONING
PROPORTION
RESOURCE ALLOCATION
TRANSPORTATION
TRANSPORTATION ENERGY

∞ DISTRIBUTION

SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)*
RT ALLOCATIONS
ASSIMILATION
BRIGHTNESS DISTRIBUTION
DEMOGRAPHY
DISPERSING
DISPOSAL
DISTRIBUTING
DISTRIBUTION (PROPERTY)
KURTOSIS
LOAD DISTRIBUTION (FORCES)
MASS DISTRIBUTION
MATERIALS HANDLING
POSITIONING
PRESSURE DISTRIBUTION
SPECTRAL ENERGY DISTRIBUTION
STATISTICAL DISTRIBUTIONS
THRUST DISTRIBUTION
TRANSPORTATION

DISTRIBUTION (PROPERTY)

UF PATTERN DISTRIBUTION
GS **DISTRIBUTION (PROPERTY)**
∞ ANGULAR DISTRIBUTION
BOLTZMANN DISTRIBUTION
BRIGHTNESS DISTRIBUTION
CHARGE DISTRIBUTION
CURRENT DISTRIBUTION
ELECTRON DISTRIBUTION
ELECTRON DENSITY PROFILES
ENERGY DISTRIBUTION
SPECTRAL ENERGY DISTRIBUTION
FLOW DISTRIBUTION
FORCE DISTRIBUTION
FREQUENCY DISTRIBUTION
KURTOSIS
HOLE DISTRIBUTION (ELECTRONICS)
HOLE DISTRIBUTION (MECHANICS)
INTERFERENCE LIFT
ION DISTRIBUTION

DISTRIBUTION (PROPERTY)-(CONT.)

LOAD DISTRIBUTION (FORCES)
MASS DISTRIBUTION
MOMENT DISTRIBUTION
NEUTRON DISTRIBUTION
PRESSURE DISTRIBUTION
RADIAL DISTRIBUTION
RADIATION DISTRIBUTION
ANTENNA RADIATION PATTERNS
SIDELOBES
DIFFRACTION PATTERNS
KOSSEL PATTERN
RAINBOWS
SPATIAL DISTRIBUTION
STAR DISTRIBUTION
STRESS CONCENTRATION
TEMPERATURE DISTRIBUTION
VELOCITY DISTRIBUTION
VERTICAL DISTRIBUTION
STAR DISTRIBUTION
CHEMICAL COMPOSITION
CROSS SECTIONS
DISTRIBUTION
DYNAMIC CHARACTERISTICS
FIELD THEORY (PHYSICS)
GRADIENTS
JET LIFT
LIFT
PATTERNS
PROFILES
ROTOR LIFT
STATISTICAL DISTRIBUTIONS
SYNTHETIC ARRAYS
ZERO LIFT

DISTRIBUTION FUNCTIONS

GS FUNCTIONS (MATHEMATICS)
RT **DISTRIBUTION FUNCTIONS**
CHAPMAN-ENSKOG THEORY
DISCRETE FUNCTIONS
MAXIMUM ENTROPY METHOD
PROBABILITY THEORY
STATISTICAL DISTRIBUTIONS

DISTRIBUTION MOMENTS

UF STATISTICAL MOMENTS
GS MOMENTS
RT **DISTRIBUTION MOMENTS**
MEAN
ORTHOGONALITY
STANDARD DEVIATION
AVERAGE
MEDIAN (STATISTICS)
METHOD OF MOMENTS
MODE (STATISTICS)
SKEWNESS
STATISTICAL DISTRIBUTIONS
VARIANCE (STATISTICS)

DISTRIBUTORS

RT COMMUTATORS
DISPENSERS
FEEDERS
IGNITION SYSTEMS
INTERNAL COMBUSTION ENGINES
MATERIALS HANDLING
ROLLERS
SPRAYERS

DISTRICT OF COLUMBIA

RT POTOMAC RIVER VALLEY (MD-VA-WV)
UNITED STATES OF AMERICA

DISTURBANCE THEORY

USE PERTURBATION THEORY

∞ DISTURBANCES

SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)*
RT BURSTS
DISORDERS
ELECTROMAGNETIC INTERFERENCE
IONOSPHERIC DISTURBANCES
IONOSPHERIC STORMS
MAGNETIC DISTURBANCES
PERTURBATION
RADIO AURORAS
RADIO BURSTS
SOLAR ACTIVITY
STORMS
SUDDEN IONOSPHERIC DISTURBANCES
VORTICES

DISTURBING FUNCTIONS

GS FUNCTIONS (MATHEMATICS)
RT **DISTURBING FUNCTIONS**
PERTURBATION THEORY

DISULFIDES

GS CHALCOGENIDES
SULFIDES
DISULFIDES
CARBON DISULFIDE
SULFUR COMPOUNDS
SULFIDES
DISULFIDES
CARBON DISULFIDE

DITCHES

RT CANALS
IRRIGATION
LANDFORMS
TROUGHES

∞ DITCHING

SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)*
RT DITCHING (LANDING)
EXCAVATION

DITCHING (EXCAVATION)

USE EXCAVATION

DITCHING (LANDING)

GS CRASHES
CRASH LANDING
DITCHING (LANDING)
LANDING
AIRCRAFT LANDING
CRASH LANDING
DITCHING (LANDING)
WATER LANDING
DITCHING (LANDING)
RT AIRCRAFT ACCIDENTS
∞ DITCHING
GLIDE LANDINGS

DITHERS

GS SHAKING
DITHERS
SHIVERING
DITHERS
RT DISORDERS
DISORIENTATION
EMOTIONAL FACTORS
HUMAN BEHAVIOR
∞ INHIBITION
IRRATIONALITY
VACILLATION

DITHIOLS

USE THIOLS

DIURESIS

RT BODY FLUIDS
EDEMA
URINATION

DIURETICS

GS DIURETICS
AMINOPHYLLINE
RT ACETAZOLAMIDE
UREAS

DIURNAL RHYTHMS

USE CIRCADIAN RHYTHMS

DIURNAL VARIATIONS

GS VARIATIONS
PERIODIC VARIATIONS
DIURNAL VARIATIONS
RT CYCLES
DARKNESS
DAYTIME
MAGNETIC VARIATIONS
NIGHT
NOCTURNAL VARIATIONS
TROPopause
WIND VARIATIONS

DIVERGENCE

GS DIVERGENCE
MAGNETIC CHARGE DENSITY
RT CATASTROPHE THEORY
CONVERGENCE
DEVIATION

DIVERGENT NOZZLES

DIVERGENCE-(*CONT.*)

DIFFERENCES
DISPLACEMENT
∞ DRIFT
FOURIER ANALYSIS
FUNCTIONS (MATHEMATICS)
GEOSTROPHIC WIND
REFRACTION
SERIES (MATHEMATICS)
SERIES EXPANSION
VARIATIONS
VORTICES

DIVERGENT NOZZLES

RT CONICAL NOZZLES
EXHAUST NOZZLES
NOZZLE GEOMETRY
NOZZLE WALLS
∞ NOZZLES
ROCKET NOZZLES
THRUST CHAMBERS
WIND TUNNEL NOZZLES

DIVERTERS

RT BAFFLES
BLAST DEFLECTORS
BYPASSES
DEFLECTORS
∞ DIFFUSERS
DIVIDERS
FLAME DEFLECTORS
∞ SEPARATION
SEPARATORS
SHIELDING
VALVES

DIVIDERS

SN (EXCLUDES VOLTAGE AND FREQUENCY
DIVIDERS)
GS SEPARATORS
DIVIDERS
RT BAFFLES
∞ BARRIERS
CURTAINS
DIVERTERS
PANELS
SPACERS

DIVIDES (LANDFORMS)

GS LANDFORMS
DIVIDES (LANDFORMS)
RT DRAINAGE PATTERNS
MOUNTAINS
WATERSHEDS

DIVIDING (MATHEMATICS)

GS NUMBER THEORY
DIVIDING (MATHEMATICS)
RT ARITHMETIC
COMPUTATION
CONGRUENCES
∞ DIVISION
QUOTIENTS

DIVING (UNDERWATER)

GS SUBMERGED BODIES
DIVING (UNDERWATER)
RT BAROTRAUMA
DECOMPRESSION SICKNESS
HUMAN TOLERANCES
MEDICAL PHENOMENA
PHYSIOLOGICAL EFFECTS
UNDERWATER PHYSIOLOGY
UNDERWATER TESTS

∞ DIVISION

SN (USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)
RT CELL DIVISION
DIVIDING (MATHEMATICS)
NUMBER THEORY
∞ SEPARATION
SUBDIVISIONS
SUBSIDIARIES

DIVOT (VOICE TRANSLATORS)

USE DIGITAL TO VOICE TRANSLATORS

DME-A SATELLITE

USE EXPLORER 31 SATELLITE

DNA

USE DEOXYRIBONUCLEIC ACID

DO-27 AIRCRAFT

UF DORNIER DO-27 AIRCRAFT
GS DORNIER AIRCRAFT
DO-27 AIRCRAFT
GENERAL AVIATION AIRCRAFT
DO-27 AIRCRAFT
LIGHT AIRCRAFT
DO-27 AIRCRAFT
MONOPLANES
DO-27 AIRCRAFT
PASSENGER AIRCRAFT
DO-27 AIRCRAFT
UTILITY AIRCRAFT
DO-27 AIRCRAFT

DO-28 AIRCRAFT

UF DORNIER DO-28 AIRCRAFT
GS DORNIER AIRCRAFT
DO-28 AIRCRAFT
GENERAL AVIATION AIRCRAFT
DO-28 AIRCRAFT
LIGHT AIRCRAFT
DO-28 AIRCRAFT
MONOPLANES
DO-28 AIRCRAFT
PASSENGER AIRCRAFT
DO-28 AIRCRAFT
UTILITY AIRCRAFT
DO-28 AIRCRAFT

DO-29 AIRCRAFT

UF DORNIER DO-29 AIRCRAFT
GS DORNIER AIRCRAFT
DO-29 AIRCRAFT
RESEARCH AIRCRAFT
DO-29 AIRCRAFT
V/STOL AIRCRAFT
SHORT TAKEOFF AIRCRAFT
DO-29 AIRCRAFT

DO-31 AIRCRAFT

UF DORNIER DO-31 AIRCRAFT
GS DORNIER AIRCRAFT
DO-31 AIRCRAFT
JET AIRCRAFT
TURBOFAN AIRCRAFT
DO-31 AIRCRAFT
MONOPLANES
DO-31 AIRCRAFT
TRANSPORT AIRCRAFT
DO-31 AIRCRAFT
V/STOL AIRCRAFT
DO-31 AIRCRAFT

DOCKING

USE SPACECRAFT DOCKING

DOCUMENT STORAGE

RT DATA STORAGE
DOCUMENTATION
∞ FILES
REPRODUCTION (COPYING)
∞ STORAGE

DOCUMENTATION

SN (THE ASSEMBLING, CODING,
KNOWLEDGE FOR GIVING
DOCUMENTARY INFORMATION MAXIMUM
ACCESSIBILITY AND USABILITY)
GS LITERATURE
DOCUMENTATION
RT ACQUISITION
BIBLIOGRAPHIES
BIOGRAPHY
CASE HISTORIES
CATALOGS (PUBLICATIONS)
DATA RETRIEVAL
DOCUMENT STORAGE
DOCUMENTS
HISTORIES
INDEXES (DOCUMENTATION)
INFORMATION DISSEMINATION
INFORMATION RETRIEVAL
KNOWLEDGE
LIBRARIES
NEWS
PROCEEDINGS
RECORDS
∞ REFERENCE SYSTEMS
REPORTS
SELECTIVE DISSEMINATION OF
INFORMATION
SPACE GLOSSARIES
SUMMARIES
TECHNICAL WRITING

DOCUMENTATION-(*CONT.*)

TECHNOLOGY TRANSFER
TRANSLATING

DOCUMENTS

UF PUBLICATIONS
GS DOCUMENTS
ABSTRACTS
BIBLIOGRAPHIES
CATALOGS (PUBLICATIONS)
ASTRONOMICAL CATALOGS
ENGINEERING DRAWINGS
BLUEPRINTS
HANDBOOKS
USER MANUALS (COMPUTER
PROGRAMS)
MANUALS
INSTALLATION MANUALS
USER MANUALS (COMPUTER
PROGRAMS)
PAPERS
PERIODICALS
POSTLAUNCH REPORTS
PRESIDENTIAL REPORTS
PROCEEDINGS
RECORDS
VIDEO DISKS
SUPPLEMENTS
TEXTBOOKS
TEXTS
THESES
RT CONGRESSIONAL REPORTS
COPYRIGHTS
DICTIONARIES
DOCUMENTATION
DRAWINGS
FORMAT
HARDWARE UTILIZATION LISTS
INDEXES (DOCUMENTATION)
INFORMATION RETRIEVAL
LIBRARIES
LITERATURE
REPORTS
TECHNOLOGY TRANSFER

DODGE SATELLITE

GS SATELLITES
ARTIFICIAL SATELLITES
DODGE SATELLITE
EARTH SATELLITES
DODGE SATELLITE

DOGHOUSES (ELECTRONICS)

GS HOUSINGS
DOGHOUSES (ELECTRONICS)
RADAR EQUIPMENT
DOGHOUSES (ELECTRONICS)
RT ENCLOSURES
RADAR ANTENNAS

DOGS

GS ANIMALS
VERTEBRATES
MAMMALS
DOGS

DOLLIES

GS SURFACE VEHICLES
DOLLIES
RT CARRIAGES
MATERIALS HANDLING
SLEDS
TRUCKS
UNDERCARRIAGES

DOLOMITE (MINERAL)

GS CARBON COMPOUNDS
CARBONATES
DOLOMITE (MINERAL)
MAGNESIUM COMPOUNDS
DOLOMITE (MINERAL)
MINERALS
DOLOMITE (MINERAL)
RT AGGREGATES
LIMESTONE
ROCKS
SEDIMENTARY ROCKS

DOLPHINS

GS ANIMALS
VERTEBRATES
MAMMALS
DOLPHINS
RT MARINE MAMMALS

NASA THESAURUS (VOLUME 1)

DOUBLE BASE PROPELLANTS

DOMAIN WALL		DONOR MATERIALS		DOPPLER-FIZEAU EFFECT-(CONT.)	
RT	DOMAINS	GS	SEMICONDUCTORS (MATERIALS)	RT	. DOPPLER-FIZEAU EFFECT
	MAGNETIC DOMAINS		. DONOR MATERIALS		FIZEAU EFFECT
	∞ MOTION	RT	CARRIER DENSITY (SOLID STATE)		FREQUENCY SHIFT
			ELECTRONS		RADAR NAVIGATION
			HOLES (ELECTRON DEFICIENCIES)		RED SHIFT
					STELLAR MOTIONS
DOMAINS		DOORS		DORNIER AIRCRAFT	
GS	DOMAINS	UF	EXITS (DOORS)	GS	DORNIER AIRCRAFT
	. MAGNETIC DOMAINS	RT	AIR LOCKS		. DO-27 AIRCRAFT
RT	DIPOLE MOMENTS		APERTURES		. DO-28 AIRCRAFT
	DOMAIN WALL		CURTAINS		. DO-29 AIRCRAFT
	ELECTRICAL PROPERTIES		EGRESS		. DO-31 AIRCRAFT
	RANGE (EXTREMES)		ENTRANCES	RT	∞ AIRCRAFT
∞ DOMES			FLOORS		
SN	(USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)		GATES (OPENINGS)		
			HATCHES		
RT	DOMES (GEOLOGY)		INGRESS (SPACECRAFT PASSAGEWAY)		
	DOMES (STRUCTURAL FORMS)		OPENINGS		
			OUTLETS		
			∞ THRESHOLDS		
			WINDOWS (APERTURES)		
DOMES (GEOLOGY)		DOPA		DORNIER DO-27 AIRCRAFT	
RT	ANTICLINES	UF	DIHYDROXYPHENYLALANINE	USE	DO-27 AIRCRAFT
	∞ DOMES	GS	ORGANIC COMPOUNDS		
	GEOLOGY		. DOPA		
	GEOSYNCLINES	RT	∞ CHEMICAL COMPOUNDS		
	SYNCLINES		MELANIN		
			OXIDATION		
			PIGMENTS		
DOMES (STRUCTURAL FORMS)		DOPED CRYSTALS		DORNIER DO-29 AIRCRAFT	
GS	SHELLS (STRUCTURAL FORMS)	GS	CRYSTALS	USE	DO-29 AIRCRAFT
	. DOMES (STRUCTURAL FORMS)		. DOPED CRYSTALS		
	. . RADOMES	RT	CRYSTAL GROWTH		
RT	∞ CUPOLAS		CRYSTAL OPTICS		
	∞ DOMES		CRYSTAL STRUCTURE		
	HEMISPHERICAL SHELLS				
	HOUSINGS				
	PRESSURE VESSELS				
	PROTUBERANCES				
DOMESTIC ENERGY		DOPES		DORSAL SECTIONS	
RT	ALLOCATIONS	RT	ADDITIVES	RT	ANATOMY
	COMMERCIAL ENERGY		FILLERS		POSTERIOR SECTIONS
	DISTRIBUTING		FINISHES		
	ECONOMIC FACTORS		GELS		
	∞ ENERGY		PRIMERS (COATINGS)		
	ENERGY CONSUMPTION		SEALERS		
	ENERGY CONVERSION				
	INDUSTRIAL ENERGY				
	SOLAR COOLING				
	SOLAR HOUSES				
	TRANSPORTATION ENERGY				
	WATER HEATING				
DOMESTIC SATELLITE COMMUNICATIONS SYSTEMS		DOPING (ADDITIVES)		DOSAGE	
RT	COMMUNICATION SATELLITES	USE	ADDITIVES	UF	DOSE
	MICROWAVE TRANSMISSION			GS	DOSAGE
	RCA SATCOM C				. RADIATION DOSAGE
	RCA SATCOM SATELLITES				. SUBLETHAL DOSAGE
	RCA SATCOM 1			RT	BIOLOGICAL EFFECTS
	SATELLITE NETWORKS				DOSIMETERS
	SATELLITE TRANSMISSION				DRUGS
	SATELLITES				RADIATION MEASUREMENT
DOMINANCE		DOPPLER EFFECT		DOSE	
GS	DOMINANCE	UF	DOVAP	USE	DOSAGE
	. EYE DOMINANCE		STELLAR DOPPLER SHIFT		
RT	GENETICS	GS	DOPPLER EFFECT		
			. DOPPLER-FIZEAU EFFECT		
		RT	∞ EFFECTS		
			ELASTIC WAVES		
			ELECTROMAGNETIC RADIATION		
			FIZEAU EFFECT		
			FREQUENCY SHIFT		
			OPTICAL HETERODYNING		
			RADIAL VELOCITY		
			RED SHIFT		
			STELLAR MOTIONS		
DOMINICA		DOPPLER NAVIGATION		DOSIMETERS	
GS	LANDFORMS	GS	NAVIGATION	UF	DOSIMETRY
	. ISLANDS		. DOPPLER NAVIGATION	GS	MEASURING INSTRUMENTS
	. . WEST INDIES	RT	AIR NAVIGATION		. RADIATION MEASURING INSTRUMENTS
	. . . DOMINICA		ALL-WEATHER AIR NAVIGATION		. . RADIATION DETECTORS
RT	NATIONS		DEAD RECKONING		. . . DOSIMETERS
			RADAR NAVIGATION	 THRESHOLD DETECTORS
			RADIO NAVIGATION		(DOSIMETERS)
DOMINICAN REPUBLIC		DOPPLER RADAR		RT	ACTINOMETERS
RT	CARIBBEAN SEA	GS	RADAR		DOSAGE
	NATIONS		. DOPPLER RADAR		EXPOSURE
			. . MULTISTATIC RADAR		FLUX (RATE)
		RT	COHERENT RADAR		FLUX DENSITY
			CONTINUOUS WAVE RADAR		GEIGER COUNTERS
			MONOPULSE RADAR		IONIZATION CHAMBERS
			MOVING TARGET INDICATORS		IRRADIATION
			POLYSTATION DOPPLER TRACKING		NEUTRON COUNTERS
			SYSTEM		NUCLEAR EMULSIONS
			PULSE RADAR		PHOTOGRAPHIC MEASUREMENT
			RADAR DETECTION		PROPORTIONAL COUNTERS
			RADAR EQUIPMENT		RADIANT FLUX DENSITY
			RADAR NAVIGATION		RADIATION COUNTERS
			RADAR NETWORKS		RADIATION DOSAGE
			RADAR TRACKING		RADIATION EFFECTS
			SURVEILLANCE RADAR		RADIATION HAZARDS
DONNELL EQUATIONS		DOPPLER-FIZEAU EFFECT		DOSIMETRY	
RT	BUCKLING	GS	DOPPLER EFFECT	USE	DOSIMETERS
	∞ EQUATIONS				
	STRESS ANALYSIS				

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∞ DRAFT

SN	(USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)
RT	BOUNDARY LAYERS DOWNWASH DRAFT (GAS FLOW) DRAFTING (DRAWING) UPWASH WAKES

RT LISTED BELOW
BOUNDARY LAYERS
DOWNWASH
DRAFT (GAS FLOW)
DRAFTING (DRAWING)
UPWASH
WAKES

RT ∞ DRAFT
FLUES
VENTILATION

RT ∞ DRAFT
 ∞ DRAWING
 DRAWINGS
 GRAPHIC ARTS

RT COMPUTERIZED DESIGN
 ∞ DESIGN
 ∞ MACHINERY

UF	DRAG EFFECT
GS	DYNAMIC CHARACTERISTICS

```

    . DRAG
    . . ELECTROSTATIC DRAG
    . . FRICTION DRAG
    . . . AERODYNAMIC DRAG
    . . . . SUPERSONIC DRAG
    . . . . VISCOUS DRAG
    . . . . MINIMUM DRAG
    . . . . PRESSURE DRAG
    . . . . SUPERSONIC DRAG
    . . . . WAVE DRAG
    . . . . INTERFERENCE DRAG
    . . . . SATELLITE DRAG
RT  AERODYNAMIC CONFIGURATIONS
    AERODYNAMICS
    BOUNDARY LAYERS
    DRAG MEASUREMENT
    FRICTION
    GRAVITATION
    GROUND EFFECT
    LIFT
    SKIN FRICTION
    WAKES

```

DRAG BALANCE

USE AERODYNAMIC BALANCE
LIFT DRAG RATIO

DRAG CHUTES

UF	DROGUE PARACHUTES
GS	BRAKES (FOR ARRESTING MOTION)
	. AERODYNAMIC BRAKES
	. . DRAG CHUTES
	DRAG DEVICES
	. AERODYNAMIC BRAKES
	. . DRAG CHUTES
	PARACHUTES
	. DRAG CHUTES
RT	AIRCRAFT BRAKES
	AIRDROPS
	BALLUTES
	RIBBON PARACHUTES
	TOWED BODIES

DRAG COEFFICIENT

DRAG DEVICES

UF	DRAGLATORS
GS	DRAG DEVICES
	.. AERODYNAMIC BRAKES
	.. BALLUTES
	.. DRAG CHUTES
	.. PARAVULCOONS
	.. SPLIT FLAPS
	.. WING FLAPS
	.. LEADING EDGE SLATS
	.. TRAILING-EDGE FLAPS
	.. SPOILERS
RT	ABORT APPARATUS
	AIRCRAFT BRAKES
	BOUNDARY LAYER CONTROL
	BRAKES (FOR ARRESTING MOTION)
	CONTROL SURFACES
	FLAPS (CONTROL SURFACES)

RT SPOILERS
 ABORT APPARATUS
 AIRCRAFT BRAKES
 BOUNDARY LAYER CONTROL
 BRAKES (FOR ARRESTING MOTION)
 CONTROL SURFACES
 FLAPS (CONTROL SURFACES)

RT SPOILERS
 ABORT APPARATUS
 AIRCRAFT BRAKES
 BOUNDARY LAYER CONTROL
 BRAKES (FOR ARRESTING MOTION)
 CONTROL SURFACES
 FLAPS (CONTROL SURFACES)

DRAG DEVICES-(CONT.)

LIFT DEVICES
SKIN FRICTION
VORTEX ALLEVIATION

DRAG EFFECT

USE DRAG

DRAG FORCE ANEMOMETERS

GS AIRCRAFT INSTRUMENTS
. SPEED INDICATORS
. . . ANEMOMETERS
. . . **DRAG FORCE ANEMOMETERS**
DISPLAY DEVICES
. SPEED INDICATORS
. . . ANEMOMETERS
. . . **DRAG FORCE ANEMOMETERS**
MEASURING INSTRUMENTS
. INDICATING INSTRUMENTS
. . . SPEED INDICATORS
. . . ANEMOMETERS
. . . **DRAG FORCE ANEMOMETERS**
RT FLOW MEASUREMENT
∞ INSTRUMENTS
VELOCITY MEASUREMENT

DRAG MEASUREMENT

GS MECHANICAL MEASUREMENT
. **DRAG MEASUREMENT**
RT AERODYNAMIC DRAG
DRAG
ELECTROSTATIC DRAG
FLOW MEASUREMENT
∞ MEASUREMENT
MEASURING INSTRUMENTS

DRAG REDUCTION

RT AERODYNAMIC DRAG
FLUID FLOW
FRICTION
LIFT DRAG RATIO
∞ REDUCTION
WINGLETS

DRAGULATORS

USE BRAKES (FOR ARRESTING MOTION)
DRAG DEVICES

DRAINAGE

UF DRAINING
RUNOFFS
RT ∞ DISCHARGE
EVACUATING (VACUUM)
EXCAVATION
FLOOD CONTROL
HYDROLOGY
HYDROLOGY MODELS
IRRIGATION
LIQUID WASTES
MINES (EXCAVATIONS)
PERMEABILITY
∞ PUMPING
SEEPAGE
SEWERS
SUMPS
TUNNELING (EXCAVATION)
WASTE DISPOSAL
WATER FLOW
WATER RUNOFF
WATER TABLES

DRAINAGE PATTERNS

UF DENDRITIC DRAINAGE
INTERLACING DRAINAGE
RADIAL DRAINAGE PATTERNS
RECTANGULAR DRAINAGE
RT ARROYOS
DIVIDES (LANDFORMS)
FLOOD DAMAGE
HYDROLOGY
IRRIGATION
MISSISSIPPI RIVER (US)
∞ PATTERNS
PRECIPITATION (METEOROLOGY)
TRIBUTARIES
WATER EROSION
WATER FLOW
WATERSHEDS

DRAINING

USE DRAINAGE

∞ DRAWING

SN *(USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)*
RT BUNDLE DRAWING
COLD DRAWING
DRAFTING (DRAWING)
DRAWINGS
EXTRUDING
LAYOUTS
METAL DRAWING
PULLING
RECORDS
STRETCH FORMING
STRETCHING
TEMPERING

DRAWINGS

UF ELEVATIONS (DRAWINGS)
GS **DRAWINGS**
. ENGINEERING DRAWINGS
. . . BLUEPRINTS
RT CHARTS
∞ CROSS SECTIONS
DIAGRAMS
DIMENSIONS
DOCUMENTS
DRAFTING (DRAWING)
∞ DRAWING
GRAPHIC ARTS
INKS
LAYOUTS
∞ PLANS
∞ PROJECTION
REPRESENTATIONS
REPRODUCTION (COPYING)
SPECIFICATIONS
∞ TRACING
VISUAL AIDS

DRG (CAPSULE)

USE DISCOVERER RECOVERY CAPSULES

DREAMS

RT RAPID EYE MOVEMENT STATE
SLEEP

DREDGED MATERIALS

RT CHANNEL FLOW
∞ CHANNELS
∞ MATERIALS
SEDIMENTS

DREWS (SATELLITES)

USE DIRECT READOUT EQUATORIAL
WEATHER SAT

∞ DRIFT

SN *(USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)*
RT DEVIATION
DIVERGENCE
DRIFT (INSTRUMENTATION)
DRIFT RATE
FLIGHT PATHS
IONOSPHERIC DRIFT
STABILITY

DRIFT (INSTRUMENTATION)

UF INSTRUMENT DRIFT
RT ACCURACY
CIRCUIT RELIABILITY
∞ DRIFT
DRIFT RATE
DYNAMIC STABILITY
ERRORS
INSTRUMENT ERRORS
STATIC STABILITY
TOLERANCES (MECHANICS)

DRIFT RATE

GS RATES (PER TIME)
. **DRIFT RATE**
RT ∞ DRIFT
DRIFT (INSTRUMENTATION)
IONOSPHERIC DRIFT
MOBILITY
ORBIT PERTURBATION
ORBITAL MECHANICS
ROTATING PLASMAS
STABILITY
TRAJECTORY CONTROL

DRILL BITS

GS CUTTERS
. **DRILL BITS**
TOOLS
RT **DRILL BITS**
BITS
DRILLING
DRILLS

DRILLING

GS **DRILLING**
. LASER DRILLING
RT BOREHOLES
CORE SAMPLING
CUTTING
DRILL BITS
DRILLS
EXPLORATION
MACHINING
NATURAL GAS EXPLORATION
OFFSHORE ENERGY SOURCES
OIL EXPLORATION
OIL FIELDS
PENETRATION
PERFORATING
PIERCING
TUNNELING (EXCAVATION)
WELLS

DRILLS

GS CUTTERS
. **DRILLS**
RT BORING MACHINES
COMPRESSED AIR
DRILL BITS
DRILLING
MACHINE TOOLS
TAPS
TOOLS

DRINKING

GS INGESTION (BIOLOGY)
. **DRINKING**
RT BEVERAGES
SWALLOWING

∞ DRIVES

SN *(USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)*
RT MECHANICAL DRIVES
MOTIVATION
PROPULSION
SEX
SLEEP
WIND TUNNEL DRIVES

DROGUE PARACHUTES

USE DRAG CHUTES

DROGUES

USE TOWED BODIES

DRONE AIRCRAFT

UF DRONE HELICOPTERS
GS DRONE VEHICLES
. **DRONE AIRCRAFT**
. . . TARGET DRONE AIRCRAFT
. . . FIREBEE 2 TARGET DRONE
AIRCRAFT
. . . JINDIVIK TARGET AIRCRAFT
PILOTLESS AIRCRAFT
. **DRONE AIRCRAFT**
. . . TARGET DRONE AIRCRAFT
. . . FIREBEE 2 TARGET DRONE
AIRCRAFT
. . . JINDIVIK TARGET AIRCRAFT
RT ANTISUBMARINE WARFARE AIRCRAFT
LIGHT AIRCRAFT
∞ MILITARY AIRCRAFT
OBLIQUE WINGS
RE MOTELY PILOTED VEHICLES
RESEARCH AIRCRAFT
V/STOL AIRCRAFT

DRONE HELICOPTERS

USE DRONE AIRCRAFT
HELICOPTERS

DRONE VEHICLES

GS **DRONE VEHICLES**
. DRONE AIRCRAFT
. . . TARGET DRONE AIRCRAFT

DROOPED AIRFOILS

DRONE VEHICLES-(CONT.)

- . . . FIREBEE 2 TARGET DRONE
- . . . AIRCRAFT
- . . . JINDIVIK TARGET AIRCRAFT
- RT ∞ MILITARY AIRCRAFT
- PILOTLESS AIRCRAFT
- SANDPIPER TARGET MISSILE
- ∞ WINGED VEHICLES

DROOPED AIRFOILS

- GS AERODYNAMIC CONFIGURATIONS
- . DROOPED AIRFOILS
- AIRCRAFT CONFIGURATIONS
- . DROOPED AIRFOILS
- AIRFOILS
- . DROOPED AIRFOILS
- RT BODY-WING CONFIGURATIONS
- WING ROOTS
- WINGS

∞ DROP

- SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)*
- RT DROPS (LIQUIDS)
- GRADIENTS

DROP CALORIMETERS

- GS MEASURING INSTRUMENTS
- . CALORIMETERS
- . . DROP CALORIMETERS
- RT BOMB CALORIMETERS
- FLAME CALORIMETERS
- HEAT MEASUREMENT
- HIGH TEMPERATURE TESTS
- TEMPERATURE MEASURING INSTRUMENTS

DROP SIZE

- RT CLOUD PHYSICS
- CLOUDS
- CLOUDS (METEOROLOGY)
- CONDENSATES
- CONDENSING
- FOG
- HUMIDITY
- HYDROGEN CLOUDS
- NUCLEATION
- PARTICLE DIFFUSION
- PARTICLE SIZE DISTRIBUTION
- ∞ PRECIPITATION
- PRECIPITATION PARTICLE MEASUREMENT
- RAINDROPS
- SIZE DISTRIBUTION

DROP TESTS

- UF DROP WEIGHT TESTS
- RT CHARPY IMPACT TEST
- DESTRUCTIVE TESTS
- IMPACT TESTING MACHINES
- IMPACT TESTS
- NOTCH TESTS
- SHOCK TESTS
- ∞ TESTS

DROP TOWERS

- UF DROP TUBES
- RT FALLING SPHERES
- GRAVITATIONAL EFFECTS
- LOW GRAVITY MANUFACTURING
- REDUCED GRAVITY
- WEIGHTLESSNESS

DROP TRANSFER

- GS TRANSFERRING
- . DROP TRANSFER
- RT ARC MELTING
- MELTING
- PLASMA JETS
- REFINING

DROP TUBES

- USE DROP TOWERS

DROP WEIGHT TESTS

- USE DROP TESTS

DROPOUTS

- RT CIRCUIT BREAKERS
- ELECTRIC CONTACTS
- ELECTRIC SWITCHES
- SWITCHES

DROPS (LIQUIDS)

- UF LIQUID DROPS
- GS PARTICLES
- . DROPS (LIQUIDS)
- . . RAINDROPS
- RT AIR POLLUTION
- CONDENSING
- ∞ DROP
- SPRAYERS

DROPSONDES

- GS MEASURING INSTRUMENTS
- . METEOROLOGICAL INSTRUMENTS
- . . DROPSONDES
- . . . SONDES
- . . . DROPSONDES
- RT METEOROLOGICAL BALLOONS
- RADIOSONDES
- RAWINSONDES

DROSOPHILA

- GS ANIMALS
- . INVERTEBRATES
- . . ARTHROPODS
- . . . INSECTS
- DROSOPHILA
- RT CHIRONOMUS FLIES

DROUGHT

- UF DROUGHT CONDITIONS
- RT ARID LANDS
- CONSERVATION
- FLOODS
- HYDROLOGY
- POTABLE WATER
- PRECIPITATION (METEOROLOGY)
- WATER CONSUMPTION
- WATER MANAGEMENT
- WATER POLLUTION
- WATER RECLAMATION

DROUGHT CONDITIONS

- USE DROUGHT

DROWSINESS

- USE SLEEP

DRUG THERAPY

- USE CHEMOTHERAPY

DRUGS

- GS DRUGS
- . ADRENERGICS
- . AMINOPHYLLINE
- . ANESTHETICS
- . . CHLOROFORM
- . . CYCLOPROPANE
- . . METHYL CHLORIDE
- . . NOVOCAIN
- . . XYLOCAINE
- . ANTHELMINTICS
- . ANTIADRENERGICS
- . ANTIBIOTICS
- . . ACTINOMYCIN
- . . PENICILLIN
- . . PLEUROTIN
- . . STREPTOMYCIN
- . . TETRACYCLINES
- . . ANTICONSULSANTS
- . . ANTIDIURETICS
- . . ANTIDOTES
- . . ANTIEMETICS AND ANTINAUSEANTS
- . . ANTIHISTAMINICS
- . . DIMENHYDRINATE
- . . DIPHENYL HYDANTOIN
- . . METHAPYRILENE
- . . PROMETHAZINE
- . . ANTIHYPERTENSIVE AGENTS
- . . ANTIINFECTIVES AND ANTIBACTERIALS
- . . ANTIRADIATION DRUGS
- . . CENTRAL NERVOUS SYSTEM DEPRESSANTS
- . . MARIJUANA
- . . CHOLINERGICS
- . . ANTICHOLINERGICS
- . . CORTISONE
- . . CYSTEINE
- . . DECONGESTANTS
- . . DEMULCENTS
- . . DIGITALIS
- . . EPINEPHRINE
- . . NOREPINEPHRINE
- . . ERGOTAMINE
- . . HEMOSTATICS
- . . HISTAMINES

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DRUGS-(CONT.)

- . INSULIN
- . METHAMPHETAMINE
- . METRAZOL
- . MOTION SICKNESS DRUGS
- . MUSCLE RELAXANTS
- . NARCOTICS
- . . MORPHINE
- . NEMBUTAL (TRADEMARK)
- . PENTOBARBITAL SODIUM
- . . RESERPINE
- . . PSYCHOTROPIC DRUGS
- . . SEDATIVES
- . . STIMULANTS
- . . ATROPINE
- . . CAFFEINE
- . . CENTRAL NERVOUS SYSTEM STIMULANTS
- . . NORADRENALINE
- . . NOREPINEPHRINE
- . . TRANQUILIZERS
- . . TRIMETHADIONE
- . . VASOCONSTRICTOR DRUGS
- . . HYPERTENSIN
- RT ALKALOIDS
- AMINOPYRINE
- ANALGESIA
- ANESTHESIOLOGY
- BIOFLAVONOIDS
- BIOTIN
- CHEMICAL DEFENSE
- CHEMOTHERAPY
- CURES
- DOSAGE
- ETHERS
- LYSERGAMIDE
- PENTOBARBITAL
- PHARMACOLOGY
- PHENOBARBITAL
- QUINOLINE
- SALICYLATES
- SUBLETHAL DOSAGE
- VACCINES
- VITAMINS

DRUMLINS

- USE GLACIAL DRIFT

∞ DRUMS

- SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)*
- RT ∞ BARRELS
- ∞ CYLINDERS
- DRUMS (CONTAINERS)
- MAGNETIC DRUMS
- MAGNETIC STORAGE

DRUMS (CONTAINERS)

- SN (EXCLUDE MAGNETIC COMPUTER MEMORIES)
- RT BARRELS (CONTAINERS)
- ∞ BUCKETS
- CANS
- ∞ CONTAINERS
- ∞ CYLINDERS
- ∞ DRUMS
- TANKS (CONTAINERS)

DRY CELLS

- GS ELECTRIC GENERATORS
- . DIRECT POWER GENERATORS
- . . PRIMARY BATTERIES
- . . . DRY CELLS
- MAGNESIUM CELLS
- NICKEL ZINC BATTERIES
- ELECTROCHEMICAL CELLS
- . ELECTRIC BATTERIES
- . . PRIMARY BATTERIES
- . . . DRY CELLS
- MAGNESIUM CELLS
- NICKEL ZINC BATTERIES
- RT METAL AIR BATTERIES
- NICKEL CADMIUM BATTERIES
- STORAGE BATTERIES
- THERMAL BATTERIES

DRY FRICTION

- GS FRICTION
- . DRY FRICTION
- RT ABRASION
- KINETIC FRICTION
- SLIDING FRICTION
- STATIC FRICTION

DRY HEAT

- GS HEAT
 - . **DRY HEAT**
- RT GEOTHERMAL RESOURCES
 - . GEOTHERMAL TECHNOLOGY
 - . HIGH TEMPERATURE ENVIRONMENTS
 - . HUMIDITY
 - . OVENS

DRYDOCKS

- RT ∞ PORTS
 - . SEA LAUNCHING

DRYERS (EQUIPMENT)

- USE DRYING APPARATUS

DRYING

- UF DESICCATION
 - . DEWETTING
- GS **DRYING**
 - . DEHUMIDIFICATION
 - . DEHYDRATION
 - . FREEZE DRYING
- RT ∞ ABSORPTION
 - . BAKING
 - . CONCENTRATING
 - . CURING
 - . DESATURATION
 - . DEWATERING
 - . DIFFUSION
 - . ENTHALPY
 - . EVAPORATION
 - . FIRING (IGNITING)
 - . ROASTING
 - . SEPARATION
 - . SILICA GEL
 - . WATER LOSS

DRYING APPARATUS

- UF DRYERS (EQUIPMENT)
- GS SEPARATORS
 - . **DRYING APPARATUS**
 - . DESICCATORS
- RT ABSORBERS (EQUIPMENT)
 - . COLUMNS (PROCESS ENGINEERING)
 - . CONDENSERS (LIQUIFIERS)
 - . DEHYDRATED FOOD
 - . EVAPORATORS
 - . FURNACES

DSIF (INSTRUMENTATION FACILITY)

- USE DEEP SPACE INSTRUMENTATION FACILITY

DSN HELICOPTER

- USE QH-50 HELICOPTER

DTA (ANALYSIS)

- USE DIFFERENTIAL THERMAL ANALYSIS

DTL INTEGRATED CIRCUITS

- UF DIODE-TRANSISTOR-LOGIC INTEG CIRCUITS
- GS CIRCUITS
 - . INTEGRATED CIRCUITS
 - . **DTL INTEGRATED CIRCUITS**
- RT ELECTRONIC PACKAGING
 - . LARGE SCALE INTEGRATION
 - . MICROMINIATURIZATION
 - . MOLECULAR ELECTRONICS
 - . TRANSISTOR CIRCUITS

DTMB-111 GROUND EFFECT MACHINE

- USE GROUND EFFECT MACHINES

DTMB-430 GROUND EFFECT MACHINE

- USE GROUND EFFECT MACHINES

DUAL AIR DENSITY EXPLORER

- UF DAD EXPLORER
- GS SATELLITES
 - . ARTIFICIAL SATELLITES
 - . EXPLORER SATELLITES
 - . **DUAL AIR DENSITY EXPLORER**
 - . EARTH SATELLITES
 - . EXPLORER SATELLITES
 - . **DUAL AIR DENSITY EXPLORER**

DUAL MODE PROPULSION

- USE HYBRID PROPULSION

DUAL SPIN SPACECRAFT

- RT OSO-7
 - . ∞ SPACECRAFT

DUAL SPIN SPACECRAFT-(CONT.)

- . SPACECRAFT STABILITY
- . SPIN STABILIZATION

DUAL THRUST NOZZLES

- GS ROCKET NOZZLES
 - . **DUAL THRUST NOZZLES**
- RT ∞ NOZZLES
 - . THRUST

DUAL WING CONFIGURATIONS

- RT BIPLANES
 - . TANDEM WING AIRCRAFT
 - . WINGS

DUALITY PRINCIPLE

- RT ∞ ANALYZING CIRCUITS
 - . EQUIVALENT CIRCUITS
 - . NETWORK ANALYSIS
- . ∞ PATHS
- . ∞ PRINCIPLES
 - . SIGNAL FLOW GRAPHS

DUALITY THEOREM

- RT HOMOMLOGY
 - . ISOMORPHISM
 - . ∞ MATHEMATICS
 - . ∞ RELATIONSHIPS
 - . THEOREMS

DUCT GEOMETRY

- GS GEOMETRY
 - . **DUCT GEOMETRY**
- RT AIR FLOW
 - . ANNULAR DUCTS
 - . CIRCULAR TUBES
 - . FLUID FLOW
 - . INTAKE SYSTEMS
 - . OPENINGS
 - . SPATIAL MARCHING

DUCTED BODIES

- RT ANNULAR DUCTS
 - . AXISYMMETRIC BODIES
 - . BLUFF BODIES
 - . BLUNT BODIES
 - . ∞ BODIES
 - . DUCTS
 - . INTAKE SYSTEMS
 - . NACELLES
 - . NOSE INLETS
 - . SHROUDS
 - . SLENDER BODIES
 - . TWO DIMENSIONAL BODIES

DUCTED FAN ENGINES

- GS ENGINES
 - . AIR BREATHING ENGINES
 - . . . GAS TURBINE ENGINES
 - JET ENGINES
 - TURBOJET ENGINES
 - **DUCTED FAN ENGINES**
 - INTERNAL COMBUSTION ENGINES
 - GAS TURBINE ENGINES
 - JET ENGINES
 - TURBOJET ENGINES
 - **DUCTED FAN ENGINES**
 - TURBINE ENGINES
 - GAS TURBINE ENGINES
 - JET ENGINES
 - TURBOJET ENGINES
 - **DUCTED FAN ENGINES**
- RT TURBOFAN ENGINES

DUCTED FANS

- RT BLOWERS
 - . FAN BLADES
 - . ∞ FANS
 - . LIFT FANS
 - . PROPELLER FANS
 - . RING WINGS
 - . SHROUDED PROPELLERS
 - . TURBOFANS
 - . VENTILATION FANS

DUCTED FLOW

- GS FLUID FLOW
 - . **DUCTED FLOW**
 - . . . KNUDSEN FLOW
- RT AIR FLOW
 - . CHANNEL FLOW
 - . CORNER FLOW
 - . FLOW GEOMETRY

DUCTED FLOW-(CONT.)

- . FUEL FLOW
- . HEAT TRANSMISSION
- . WALL FLOW

DUCTED PROPELLERS

- USE SHROUDED PROPELLERS

DUCTED ROCKET ENGINES

- GS ENGINES
 - . ROCKET ENGINES
 - . . . **DUCTED ROCKET ENGINES**
- RT BOOSTER ROCKET ENGINES
 - . ∞ HYBRID ROCKET ENGINES
 - . . . INTERNAL COMBUSTION ENGINES
 - . . . LIQUID PROPELLANT ROCKET ENGINES
 - . . . RESTARTABLE ROCKET ENGINES
 - . . . SOLID PROPELLANT ROCKET ENGINES
 - . . . SUSTAINER ROCKET ENGINES

DUCTILITY

- GS MECHANICAL PROPERTIES
 - . **DUCTILITY**
- RT BRITTLENESS
 - . COMPRESSIVE STRENGTH
 - . CREEP PROPERTIES
 - . ELONGATION
 - . FATIGUE (MATERIALS)
 - . FLATTENING
 - . FRACTOGRAPHY
 - . FRACTURE STRENGTH
 - . HARDNESS
 - . IMPACT STRENGTH
 - . MALLEABILITY
 - . METAL DRAWING
 - . NOTCH STRENGTH
 - . PLASTIC PROPERTIES
 - . SHEAR PROPERTIES
 - . SOFTNESS
 - . STRESS RELAXATION
 - . STRETCHING
 - . TEMPER (METALLURGY)
 - . TENSILE STRENGTH
 - . TOUGHNESS
 - . TRESCA FLOW
 - . WELDABILITY

DUCTS

- GS **DUCTS**
 - . ACOUSTIC DUCTS
 - . AIR DUCTS
 - . ANNULAR DUCTS
- RT BAFFLES
 - . CAVITIES
 - . ∞ CHANNELS
 - . DUCTED BODIES
 - . EXHAUST SYSTEMS
 - . FLUES
 - . INTAKE SYSTEMS
 - . NOSE INLETS
 - . OPENINGS
 - . ORIFICES
 - . OUTLETS
 - . PIPES (TUBES)
 - . PLENUM CHAMBERS
 - . PORTS (OPENINGS)
 - . SCOOPS
 - . THROATS
 - . ∞ TUBES
 - . VENTILATION
 - . VENTS
 - . WINDOWS (APERTURES)

DUFFING DIFFERENTIAL EQUATION

- GS ALGEBRA
 - . NONLINEAR EQUATIONS
 - . . . **DUFFING DIFFERENTIAL EQUATION**
 - . . . ANALYSIS (MATHEMATICS)
 - . . . REAL VARIABLES
 - . . . DIFFERENTIAL EQUATIONS
 - . . . **DUFFING DIFFERENTIAL EQUATION**
 - . . . NONLINEAR EQUATIONS
 - . . . **DUFFING DIFFERENTIAL EQUATION**
- RT PROBABILITY THEORY

DULLNESS

- USE LUSTER

DUMMIES

- RT DECOYS
 - . MODELS
 - . SIMULATORS

DUMMY LOADS

DUMMY LOADS

USE IMPEDANCE
LOADING
OUTPUT

DUMPING

RT DISCONNECT DEVICES
DISPOSAL
EJECTION
EMPTYING
EXPULSION
JETTISONING
MATERIALS HANDLING
OIL SLICKS
RELEASING
SPILLING
SPREADING
UNLOADING

DUNALIELLA

GS ALGAE
. DUNALIELLA

DUNES

UF BARCHANS
COASTAL DUNES
SAND DUNES
GS LANDFORMS
. DUNES
RT BEACHES
COASTS
DESERTS
LAGOONS
SAHARA DESERT (AFRICA)
SANDS
TOPOGRAPHY
WIND EFFECTS

DUNGEYS WIND SHEAR MECHANISM

USE WIND SHEAR

DUNITE

GS ROCKS
. IGNEOUS ROCKS
. DUNITE
RT MINERALS
OLIVINE
PERIDOTITE
SOILS

DUOCHROMATORS

RT ELECTROMAGNETIC RADIATION
GENERATORS
LIGHT SOURCES
MEASURING INSTRUMENTS
MONOCHROMATORS
RADIATION SOURCES
SPECTROPHOTOMETERS

DUOPLASMATRONS

GS ION SOURCES
. PLASMATRONS
. DUOPLASMATRONS
. VON ARDENNE DUOPLASMATRONS
PLASMA GENERATORS
. PLASMATRONS
. DUOPLASMATRONS
. VON ARDENNE DUOPLASMATRONS
RT ELECTRIC DISCHARGES
ION PROPULSION
PLASMA PROPULSION
SPUTTERING

DUPLEX OPERATION

RT METALLURGY
PHASE SHIFT CIRCUITS
SWITCHING CIRCUITS

DUPLEXERS

RT CIRCUITS
CIRCULATORS (PHASE SHIFT CIRCUITS)
MAGIC TEES
MONOPULSE RADAR
RECEIVERS
SWITCHING CIRCUITS
TRANSMITTERS

DUPLICATING

USE REPRODUCTION (COPYING)

DURABILITY

RT AIRCRAFT SURVIVABILITY
CORROSION
CUMULATIVE DAMAGE

DURABILITY-(CONT.)

DAMAGE
DEGRADATION
DETERIORATION
ENDURANCE
LIFE (DURABILITY)
LONG TERM EFFECTS
MECHANICAL PROPERTIES
PHYSICAL PROPERTIES
QUALITY
RELIABILITY
RESISTANCE
RUGGEDNESS
STABILITY
VULNERABILITY
WEAR

DURATION

USE TIME

DURENE

GS HYDROCARBONS
. DURENE

DUST

GS DUST
. COSMIC DUST
. INTERPLANETARY DUST
. METEOROID DUST CLOUDS
. ZODIACAL DUST
. LUNAR DUST
. TERRESTRIAL DUST BELT
RT AEROSOLS
AIR POLLUTION
AITKEN NUCLEI
CLEANING
CLOUDS
COMBUSTION PRODUCTS
CONTAMINANTS
DIRT
DISPERSION
DISPERSIONS
FUMES
PARTICLES
POLLEN
POWDER (PARTICLES)
SANDS
SMOKE
SPACE DEBRIS

DUST COLLECTORS

GS ACCUMULATORS
. DUST COLLECTORS
SEPARATORS
RT AIR FILTERS
ELECTROSTATIC PRECIPITATORS
EXHAUST SYSTEMS
PRECIPITATORS

DUST STORMS

GS STORMS
. STORMS (METEOROLOGY)
. DUST STORMS
RT ATMOSPHERIC ELECTRICITY
ATMOSPHERIC PHYSICS
MARS (PLANET)
MARS ENVIRONMENT
MARS SURFACE
WIND EFFECTS

DWARF NOVAE

GS CELESTIAL BODIES
. STARS
. BINARY STARS
. ECLIPSING BINARY STARS
. DWARF NOVAE
. DWARF STARS
. DWARF NOVAE
. VARIABLE STARS
. NOVAE
. DWARF NOVAE
RT HERCULES NOVA
STELLAR MASS ACCRETION
STELLAR MASS EJECTION
WHITE DWARF STARS

DWARF STARS

GS CELESTIAL BODIES
. STARS
. DWARF STARS
. DWARF NOVAE
. FLARE STARS
. SUBDWARF STARS
. WHITE DWARF STARS

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DWARF STARS-(CONT.)

RT LATE STARS
MAIN SEQUENCE STARS
SUBGIANT STARS

DWELL

RT DELAY
IGNITION SYSTEMS
TIMING DEVICES

DYADICS

GS ALGEBRA
. POLYNOMIALS
. DYADICS
RT VECTORS (MATHEMATICS)

DYALPUR METEORITE

GS CELESTIAL BODIES
. METEORITES
. STONY METEORITES
. ACHONDRITES
. DYALPUR METEORITE

DYE LASERS

GS STIMULATED EMISSION DEVICES
. LASERS
. ORGANIC LASERS
. DYE LASERS
RT DYES
INFRARED LASERS
LASER OUTPUTS
LIQUID LASERS
OPTICAL COMMUNICATION
TUNING
TWO-WAVELENGTH LASERS

DYES

GS DYES
. METHYLENE BLUE
. ORCEIN
. THIAZINE (TRADEMARK)
RT ACRIFLAVINE
ANILINE
ANTHRAQUINONES
AZINES
AZO COMPOUNDS
DYE LASERS
MARKERS
METHYLENE
PHENANTHRENE
STILBENE

DYNA-SOAR SPACE GLIDER

USE X-20 AIRCRAFT

DYNAMIC CHARACTERISTICS

UF DYNAMIC PROPERTIES
GS DYNAMIC CHARACTERISTICS
. DRAG
. ELECTROSTATIC DRAG
. FRICTION DRAG
. AERODYNAMIC DRAG
. SUPERSONIC DRAG
. VISCOUS DRAG
. MINIMUM DRAG
. PRESSURE DRAG
. SUPERSONIC DRAG
. WAVE DRAG
. INTERFERENCE DRAG
. SATELLITE DRAG
. DYNAMIC PRESSURE
. DYNAMIC STABILITY
. COMBUSTION STABILITY
. FLAME STABILITY
. CONTROL STABILITY
. FREQUENCY STABILITY
. MOTION STABILITY
. AERODYNAMIC STABILITY
. AIRCRAFT STABILITY
. HOVERING STABILITY
. ATTITUDE STABILITY
. DIRECTIONAL STABILITY
. GYROSCOPIC STABILITY
. LATERAL STABILITY
. LONGITUDINAL STABILITY
. FLOW STABILITY
. BOUNDARY LAYER STABILITY
. FLAME STABILITY
. MAGNETOHYDRODYNAMIC STABILITY
. WEIBEL INSTABILITY
. LOW SPEED STABILITY
. ROTARY STABILITY
. GYROSCOPIC STABILITY
. SPACECRAFT STABILITY

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DYNAMIC CHARACTERISTICS-(CONT.)

- . . . FLOW CHARACTERISTICS
- . . . FLOW DISTRIBUTION
- . . . FLOW STABILITY
- BOUNDARY LAYER STABILITY
- FLAME STABILITY
- MAGNETOHYDRODYNAMIC STABILITY
- WEIBEL INSTABILITY
- . . . FLOW VELOCITY
- . . . LIFT
- . . . INTERFERENCE LIFT
- . . . JET LIFT
- . . . ROTOR LIFT
- . . . ZERO LIFT
- . . . TRANSIENT RESPONSE
- RT ACCURACY
- AERODYNAMIC BALANCE
- AERODYNAMIC CHARACTERISTICS
- AMPLIFICATION
- AUTOMATIC CONTROL
- AUTOMATIC CONTROL VALVES
- BANDWIDTH
- ∞ CHARACTERISTICS
- ∞ CONTROL
- DAMPING
- DISTRIBUTION (PROPERTY)
- ∞ EQUILIBRIUM
- ERRORS
- ∞ FREQUENCY RESPONSE
- HYSTERESIS
- IMPEDANCE
- LINEARITY
- OCEAN DYNAMICS
- PRECISION
- RANGE (EXTREMES)
- REACTION TIME
- RELIABILITY
- REMOTE CONTROL
- RESOLUTION
- RESONANT FREQUENCIES
- SENSITIVITY
- STABILITY
- TIME CONSTANT
- TRANSFER FUNCTIONS

DYNAMIC CONTROL

- GS AUTOMATIC CONTROL
- . . . **DYNAMIC CONTROL**
- RT ADAPTIVE CONTROL
- ∞ CONTROL
- CONTROL THEORY
- FEEDBACK CONTROL

DYNAMIC LOADS

- GS LOADS (FORCES)
- . . . **DYNAMIC LOADS**
- AERODYNAMIC LOADS
- BLAST LOADS
- GUST LOADS
- CYCLIC LOADS
- ROLLING CONTACT LOADS
- THRUST LOADS
- TRANSIENT LOADS
- GUST LOADS
- IMPACT LOADS
- LANDING LOADS
- SHOCK LOADS
- BLAST LOADS
- VIBRATORY LOADS
- WING LOADING
- RT AXIAL COMPRESSION LOADS
- AXIAL LOADS
- COMPRESSION LOADS
- CRITICAL LOADING
- EDGE LOADING
- GAS-SOLID INTERACTIONS
- NASTRAN
- RANDOM LOADS
- STATIC LOADS
- STRUCTURAL DESIGN CRITERIA
- WIND PRESSURE

DYNAMIC MODELS

- GS MODELS
- . . . ATMOSPHERIC MODELS
- . . . **DYNAMIC MODELS**
- RT AIRCRAFT MODELS
- BIOLOGICAL MODELS (MATHEMATICS)
- BOND GRAPHS
- MATHEMATICAL MODELS
- OCEAN MODELS
- PETRI NETS
- POWERED MODELS
- SIMILARITY THEOREM

DYNAMIC MODELS-(CONT.)

- SPACECRAFT MODELS
- SYSTEMS SIMULATION
- WIND TUNNEL MODELS

DYNAMIC MODULUS OF ELASTICITY

- GS MECHANICAL PROPERTIES
- . . . ELASTIC PROPERTIES
- . . . MODULUS OF ELASTICITY
- . . . **DYNAMIC MODULUS OF ELASTICITY**
- RT ULTRASONIC TESTS

DYNAMIC PRESSURE

- GS DYNAMIC CHARACTERISTICS
- . . . **DYNAMIC PRESSURE**
- PRESSURE
- RT . . . **DYNAMIC PRESSURE**
- BLAST LOADS
- IMPACT LOADS
- KINETIC THEORY
- OVERPRESSURE
- RIEMANN WAVES

DYNAMIC PROGRAMMING

- GS RESEARCH
- . . . **DYNAMIC PROGRAMMING**
- RT ∞ APPLICATIONS OF MATHEMATICS
- BELLMAN THEORY
- CONSTRAINTS
- CRITICAL PATH METHOD
- DECISION THEORY
- FORMALISM
- LINEAR PROGRAMMING
- MATHEMATICAL MODELS
- NONLINEAR SYSTEMS
- OPERATIONS RESEARCH
- ∞ PROGRAMMING
- STEEPEST DESCENT METHOD

DYNAMIC PROPERTIES

- USE DYNAMIC CHARACTERISTICS

DYNAMIC RESPONSE

- GS RESPONSES
- . . . **DYNAMIC RESPONSE**
- . . . TRANSIENT RESPONSE
- RT AMPLIFICATION
- DAMPING
- FIBER ORIENTATION
- ∞ FREQUENCY RESPONSE
- IMPEDANCE
- MODAL RESPONSE
- PARAMETER IDENTIFICATION
- RAMP FUNCTIONS
- REACTION TIME
- RESPONSE BIAS
- SENSITIVITY
- STEP FUNCTIONS
- STROKING TESTS
- SYSTEM IDENTIFICATION
- TIME CONSTANT
- TRANSFER FUNCTIONS

DYNAMIC STABILITY

- GS DYNAMIC CHARACTERISTICS
- . . . **DYNAMIC STABILITY**
- . . . COMBUSTION STABILITY
- . . . FLAME STABILITY
- . . . CONTROL STABILITY
- . . . FREQUENCY STABILITY
- . . . MOTION STABILITY
- . . . AERODYNAMIC STABILITY
- . . . AIRCRAFT STABILITY
- HOVERING STABILITY
- ATTITUDE STABILITY
- DIRECTIONAL STABILITY
- GYROSCOPIC STABILITY
- LATERAL STABILITY
- LONGITUDINAL STABILITY
- FLOW STABILITY
- BOUNDARY LAYER STABILITY
- FLAME STABILITY
- MAGNETOHYDRODYNAMIC STABILITY
- WEIBEL INSTABILITY
- LOW SPEED STABILITY
- ROTARY STABILITY
- GYROSCOPIC STABILITY
- SPACECRAFT STABILITY
- STABILITY
- . . . **DYNAMIC STABILITY**
- . . . COMBUSTION STABILITY
- . . . FLAME STABILITY
- . . . CONTROL STABILITY

DYNAMIC STABILITY-(CONT.)

- . . . FREQUENCY STABILITY
- . . . MOTION STABILITY
- . . . AERODYNAMIC STABILITY
- . . . AIRCRAFT STABILITY
- . . . HOVERING STABILITY
- . . . ATTITUDE STABILITY
- . . . DIRECTIONAL STABILITY
- GYROSCOPIC STABILITY
- LATERAL STABILITY
- LONGITUDINAL STABILITY
- . . . FLOW STABILITY
- . . . BOUNDARY LAYER STABILITY
- . . . FLAME STABILITY
- . . . MAGNETOHYDRODYNAMIC STABILITY
- . . . LOW SPEED STABILITY
- . . . ROTARY STABILITY
- . . . GYROSCOPIC STABILITY
- . . . SPACECRAFT STABILITY
- RT COUNTERBALANCES
- DAMPING
- DIMENSIONAL STABILITY
- DRIFT (INSTRUMENTATION)
- HORIZONTAL ORIENTATION
- RESONANT VIBRATION
- SPACECRAFT MOTION
- STABLE OSCILLATIONS
- STATIC STABILITY
- SURFACE STABILITY
- SYSTEMS STABILITY
- TRANSIENT RESPONSE
- VERTICAL ORIENTATION

DYNAMIC STRUCTURAL ANALYSIS

- UF STRUCTURAL DYNAMICS
- GS STRUCTURAL ANALYSIS
- . . . **DYNAMIC STRUCTURAL ANALYSIS**
- RT ∞ DYNAMICS
- FLAT PLATES
- SHOCK SPECTRA

DYNAMIC TESTS

- RT AERODYNAMIC STABILITY
- FLIGHT TESTS
- LOW SPEED STABILITY
- MOTION STABILITY
- SPIN DYNAMICS
- SPIN TESTS
- STATIC TESTS
- VIBRATION TESTS

∞ DYNAMICS

- SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)*
- RT AERODYNAMICS
- AEROSTATICS
- ASTRODYNAMICS
- BIODYNAMICS
- CONTINUUM MECHANICS
- DYNAMIC STRUCTURAL ANALYSIS
- ELASTODYNAMICS
- ELECTRODYNAMICS
- EQUATIONS OF MOTION
- FIELD THEORY (PHYSICS)
- FLUID DYNAMICS
- FLUID MECHANICS
- GAS DYNAMICS
- GEODYNAMICS
- HAMILTONIAN FUNCTIONS
- HYDRODYNAMICS
- KINEMATICS
- KINETICS
- ∞ MECHANICS (PHYSICS)
- MOMENTUM
- MOMENTUM TRANSFER
- NUTATION
- PLASMA DYNAMICS
- QUANTUM CHROMODYNAMICS
- RESONANT FREQUENCIES
- RESONANT VIBRATION
- SPIN DYNAMICS
- STATICS
- TERRADYNAMICS
- THERMODYNAMICS
- VARIATIONAL PRINCIPLES
- VELOCITY
- VIBRATION

DYNAMICS EXPLORER SATELLITES

- GS SATELLITES
- . . . ARTIFICIAL SATELLITES
- . . . EXPLORER SATELLITES
- . . . **DYNAMICS EXPLORER SATELLITES**

DYNAMICS EXPLORER 1 SATELLITE

DYNAMICS EXPLORER SATELLITES-(CONT.)

.... DYNAMICS EXPLORER 1
SATELLITE
.... DYNAMICS EXPLORER 2
SATELLITE
.. EARTH SATELLITES
.. EXPLORER SATELLITES
.. **DYNAMICS EXPLORER SATELLITES**
.... DYNAMICS EXPLORER 1
SATELLITE
.... DYNAMICS EXPLORER 2
SATELLITE

DYNAMICS EXPLORER 1 SATELLITE

GS SATELLITES
.. ARTIFICIAL SATELLITES
.. EXPLORER SATELLITES
.. DYNAMICS EXPLORER SATELLITES
.... **DYNAMICS EXPLORER 1**
SATELLITE
.. EARTH SATELLITES
.. EXPLORER SATELLITES
.. DYNAMICS EXPLORER SATELLITES
.... **DYNAMICS EXPLORER 1**
SATELLITE

DYNAMICS EXPLORER 2 SATELLITE

GS SATELLITES
.. ARTIFICIAL SATELLITES
.. EXPLORER SATELLITES
.. DYNAMICS EXPLORER SATELLITES
.... **DYNAMICS EXPLORER 2**
SATELLITE
.. EARTH SATELLITES
.. EXPLORER SATELLITES
.. DYNAMICS EXPLORER SATELLITES
.... **DYNAMICS EXPLORER 2**
SATELLITE

DYNAMITE

GS EXPLOSIVES
.. **DYNAMITE**
RT NITROGLYCERIN

DYNAMO THEORY

RT EARTH CORE
GEOMAGNETISM
TELLURIC CURRENTS
∞ THEORIES

DYNAMOMETERS

UF ELECTRODYNAMOMETERS
GS ELECTRIC GENERATORS
.. ROTATING GENERATORS
.. **DYNAMOMETERS**
MEASURING INSTRUMENTS
.. **DYNAMOMETERS**
RT ERGOMETERS
MECHANICAL MEASUREMENT
∞ TEST EQUIPMENT
THRUST MEASUREMENT
TORQUEMETERS

DYNAMOS

USE ROTATING GENERATORS

DYNODES

GS ELECTRODES
.. **DYNODES**
RT CAMERA TUBES
PHOTOMULTIPLIER TUBES
SECONDARY EMISSION

DYSON THEORY

RT HEISENBERG THEORY
QUANTUM MECHANICS
∞ THEORIES

DYSPNEA

GS RATES (PER TIME)
.. RESPIRATORY RATE
.. **DYSPNEA**
SIGNS AND SYMPTOMS
.. **DYSPNEA**

DYSPROSIUM

GS CHEMICAL ELEMENTS
.. RARE EARTH ELEMENTS
.. **DYSPROSIUM**
.. DYSPROSIUM ISOTOPES
METALS
.. RARE EARTH ELEMENTS
.. **DYSPROSIUM**
.. DYSPROSIUM ISOTOPES

DYSPROSIUM COMPOUNDS

GS RARE EARTH COMPOUNDS
.. **DYSPROSIUM COMPOUNDS**
RT ∞ CHEMICAL COMPOUNDS
∞ METAL COMPOUNDS

DYSPROSIUM ISOTOPES

UF DYSPROSIUM 161
GS CHEMICAL ELEMENTS
.. NUCLIDES
.. ISOTOPES
.. **DYSPROSIUM ISOTOPES**
.. RARE EARTH ELEMENTS
.. DYSPROSIUM
.. **DYSPROSIUM ISOTOPES**
METALS
.. RARE EARTH ELEMENTS
.. DYSPROSIUM
.. **DYSPROSIUM ISOTOPES**

DYSPROSIUM 161

USE DYSPROSIUM ISOTOPES

E

E GLASS

GS GLASS
.. **E GLASS**
.. S GLASS
RT COMPOSITE MATERIALS
GLASS FIBER REINFORCED PLASTICS
GLASS FIBERS
SILICON DIOXIDE

E LAYERS

USE E REGION

E REGION

UF E LAYERS
NIGHT E LAYER
GS EARTH ATMOSPHERE
.. UPPER ATMOSPHERE
.. IONOSPHERE
.. **E REGION**
.... E-1 LAYER
.... E-2 LAYER
.... E-3 LAYER
.... SPORADIC E LAYER
REGIONS
.. **E REGION**
RT LOWER IONOSPHERE
UPPER IONOSPHERE

E-1 LAYER

GS EARTH ATMOSPHERE
.. UPPER ATMOSPHERE
.. IONOSPHERE
.. **E REGION**
.... **E-1 LAYER**
RT SPORADIC E LAYER

E-2 AIRCRAFT

UF HAWKEYE AIRCRAFT
W2F AIRCRAFT
GS AWACS AIRCRAFT
.. **E-2 AIRCRAFT**
GRUMMAN AIRCRAFT
.. **E-2 AIRCRAFT**
OBSERVATION AIRCRAFT
.. **E-2 AIRCRAFT**
RT COMMAND AND CONTROL
EARLY WARNING SYSTEMS
∞ MILITARY AIRCRAFT
MILITARY TECHNOLOGY
PASSENGER AIRCRAFT
TURBOPROP ENGINES

E-2 LAYER

GS EARTH ATMOSPHERE
.. UPPER ATMOSPHERE
.. IONOSPHERE
.. **E REGION**
.... **E-2 LAYER**
RT SPORADIC E LAYER

E-3 LAYER

GS EARTH ATMOSPHERE
.. UPPER ATMOSPHERE
.. IONOSPHERE
.. **E REGION**
.... **E-3 LAYER**

E-3 LAYER-(CONT.)

RT SPORADIC E LAYER

E-3A AIRCRAFT

GS AWACS AIRCRAFT
.. **E-3A AIRCRAFT**
BOEING AIRCRAFT
.. **E-3A AIRCRAFT**
RT COMMAND AND CONTROL
EARLY WARNING SYSTEMS
∞ MILITARY AIRCRAFT
MILITARY TECHNOLOGY

E-4A AIRCRAFT

UF ADVANCED AIRBORNE COMMAND POST
BOEING 747B AIRCRAFT
GS AWACS AIRCRAFT
.. **E-4A AIRCRAFT**
BOEING AIRCRAFT
.. **E-4A AIRCRAFT**
RT COMMAND AND CONTROL
EARLY WARNING SYSTEMS
∞ MILITARY AIRCRAFT
MILITARY TECHNOLOGY

EAI 680 COMPUTER

GS DATA PROCESSING EQUIPMENT
.. COMPUTERS
.. ANALOG COMPUTERS
.. **EAI 680 COMPUTER**
.. DIGITAL COMPUTERS
.. **EAI 680 COMPUTER**

EAI 8400 COMPUTER

GS DATA PROCESSING EQUIPMENT
.. COMPUTERS
.. DIGITAL COMPUTERS
.. **EAI 8400 COMPUTER**

EAI 8900 COMPUTER

GS DATA PROCESSING EQUIPMENT
.. COMPUTERS
.. DIGITAL COMPUTERS
.. **EAI 8900 COMPUTER**

EAR

GS ANATOMY
.. SENSE ORGANS
.. **EAR**
.. CORTI ORGAN
.. EARDRUMS
.. LABYRINTH
.. COCHLEA
.. VESTIBULES
.. MASTOIDS
.. MIDDLE EAR
.. SEMICIRCULAR CANALS
RT ARTIFICIAL EARS
AUDITORY PERCEPTION
ENDOLYMPH
EUSTACHIAN TUBES
HEARING
LABYRINTHECTOMY
OTOLARYNGOLOGY
OTOLOGY

EAR PRESSURE TEST

GS PHYSIOLOGICAL TESTS
.. **EAR PRESSURE TEST**
RT MIDDLE EAR PRESSURE
VERTIGO
VESTIBULAR TESTS

EAR PROTECTORS

GS PROTECTORS
.. **EAR PROTECTORS**
RT NOISE INJURIES
NOISE REDUCTION

EARDRUMS

GS ANATOMY
.. SENSE ORGANS
.. **EAR**
.. **EARDRUMS**
RT EUSTACHIAN TUBES
MIDDLE EAR PRESSURE
SEMICIRCULAR CANALS

EARLY APOLLO SURFACE EXPERIMENTS

PACKAGE
USE EASEP

EARLY BIRD SATELLITES

GS SATELLITES

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EARLY BIRD SATELLITES-(CONT.)

. ARTIFICIAL SATELLITES
 . ACTIVE SATELLITES
 SYNCOM SATELLITES
 **EARLY BIRD SATELLITES**
 . COMMUNICATION SATELLITES
 SYNCOM SATELLITES
 **EARLY BIRD SATELLITES**
 . SYNCHRONOUS SATELLITES
 SYNCOM SATELLITES
 **EARLY BIRD SATELLITES**
 . EARTH SATELLITES
 ACTIVE SATELLITES
 SYNCOM SATELLITES
 **EARLY BIRD SATELLITES**
 . COMMUNICATION SATELLITES
 SYNCOM SATELLITES
 **EARLY BIRD SATELLITES**
 . SYNCHRONOUS SATELLITES
 SYNCOM SATELLITES
 **EARLY BIRD SATELLITES**

RT ATS
 COMSAT PROGRAM

EARLY STARS

GS CELESTIAL BODIES
 . STARS
 . . **EARLY STARS**
 PROTOSTARS
 T TAURI STARS
 RT LATE STARS
 MAIN SEQUENCE STARS

EARLY WARNING SYSTEMS

GS WARNING SYSTEMS
 . **EARLY WARNING SYSTEMS**
 . . BALLISTIC MISSILE EARLY WARNING
 SYSTEM
 RT AIR DEFENSE
 AWACS AIRCRAFT
 COBRA DANE (RADAR)
 DETECTION
 E-2 AIRCRAFT
 E-3A AIRCRAFT
 E-4A AIRCRAFT
 MISSILE DETECTION
 OVER-THE-HORIZON RADAR
 RADAR TARGETS
 RADAR TRACKING
 SYNCHRONOUS EARTH OBSERVATORY
 SATELLITE
 ∞SYSTEMS
 WARNING

EARPHONES

UF HEADSETS
 GS AUDIO EQUIPMENT
 . **EARPHONES**
 RT ACOUSTICS
 AUDITORY PERCEPTION
 INTERPHONES
 SOUND TRANSMISSION
 TELEPHONES

EARTH (PLANET)

UF WORLD
 GS CELESTIAL BODIES
 . PLANETS
 . . TERRESTRIAL PLANETS
 . . . **EARTH (PLANET)**
 RT GEODESY
 GEOELECTRICITY
 GEOGRAPHY
 GEOLOGY
 GEOMAGNETISM
 GEOPHYSICS
 ∞GLOBES
 PLANETARY CRATERS
 POLAR CAPS
 TERRESTRIAL RADIATION

EARTH & OCEAN PHYSICS APPLICATIONS PROGRAM

UF EOPAP
 GS PROGRAMS
 . NASA PROGRAMS
 . . **EARTH & OCEAN PHYSICS**
 . . . APPLICATIONS PROGRAM
 . . . PROJECTS
 . . **EARTH & OCEAN PHYSICS**
 . . . APPLICATIONS PROGRAM
 RT OCEANOGRAPHY
 ∞RESEARCH PROJECTS

EARTH ALBEDO

GS ALBEDO
 RT **EARTH ALBEDO**
 ABSORPTANCE
 COSMIC RAY ALBEDO
 EARTH RADIATION BUDGET
 EXPERIMENT
 EBERT SPECTROMETERS
 LUNAR ALBEDO
 REFLECTANCE
 TERRESTRIAL RADIATION

EARTH ATMOSPHERE

GS **EARTH ATMOSPHERE**
 . FREE ATMOSPHERE
 . HETEROSPHERE
 . HOMOSPHERE
 . . MIDDLE ATMOSPHERE
 . . . CHEMOSPHERE
 . . . STRATOSPHERE
 . LOWER ATMOSPHERE
 . BIOSPHERE
 . OZONOSPHERE
 . TROPOSPHERE
 . MIDLATITUDE ATMOSPHERE
 . PRIMITIVE EARTH ATMOSPHERE
 . RADIATION BELTS
 . . ARTIFICIAL RADIATION BELTS
 . . INNER RADIATION BELT
 . . OUTER RADIATION BELT
 . . PROTON BELTS
 . STRATOPAUSE
 . TROPOPAUSE
 . UPPER ATMOSPHERE
 . EXOSPHERE
 . IONOSPHERE
 . . E REGION
 E-1 LAYER
 E-2 LAYER
 E-3 LAYER
 SPORADIC E LAYER
 . . . LOWER IONOSPHERE
 D REGION
 . . . UPPER IONOSPHERE
 F REGION
 F 1 REGION
 F 2 REGION
 . . MAGNETOSPHERE
 . . . GEOMAGNETIC TAIL
 . . MAGNETOPAUSE
 . MESOPAUSE
 . MESOSPHERE
 . THERMOSPHERE
 . . TURBOPAUSE
 RT ACOUSTIC SOUNDING
 AEROSPACE ENVIRONMENTS
 AIR
 AIR POLLUTION
 AIR QUALITY
 AIRGLOW
 ∞ATMOSPHERES
 ATMOSPHERIC CIRCULATION
 ATMOSPHERIC COMPOSITION
 ATMOSPHERIC ELECTRICITY
 ATMOSPHERIC ENTRY
 ATMOSPHERIC GENERAL CIRCULATION
 EXPERIMENT
 AURORAS
 BIOASTRONAUTICS
 GEOPOTENTIAL HEIGHT
 GLOBAL AIR POLLUTION
 GREENHOUSE EFFECT
 METEOR TRAILS
 PLANETARY ATMOSPHERES
 PLASMASPHERE
 SATELLITE ATMOSPHERES
 SCALE HEIGHT
 SUPERROTATION
 WEATHERING

EARTH AXIS

GS AXES (REFERENCE LINES)
 . AXES OF ROTATION
 . . **EARTH AXIS**
 RT COORDINATES
 GEODESY
 POLAR WANDERING (GEOLOGY)

EARTH CORE

GS CORES
 . PLANETARY CORES
 . . **EARTH CORE**
 . LITHOSPHERE
 . **EARTH CORE**
 RT DYNAMO THEORY

EARTH OBSERVATIONS (FROM SPACE)

EARTH CORE-(CONT.)

GEOPHYSICAL FLUIDS
 STRUCTURAL PROPERTIES (GEOLOGY)

EARTH CRUST

GS CRUSTS
 . **EARTH CRUST**
 . LITHOSPHERE
 . **EARTH CRUST**
 RT COESITE
 CONTINENTAL DRIFT
 CORE SAMPLING
 CRATONS
 CRUSTAL FRACTURES
 EARTHQUAKE DAMAGE
 FOLDS (GEOLOGY)
 LUNAR CRUST
 MASSIFS
 PLATES (TECTONICS)
 SAN ANDREAS FAULT
 STISHOVITE
 STRUCTURAL PROPERTIES (GEOLOGY)

EARTH CURRENTS

USE TELLURIC CURRENTS

EARTH ENERGY BUDGET EXPERIMENT

USE LZEEBE SATELLITE

EARTH ENVIRONMENT

GS ENVIRONMENTS
 . **EARTH ENVIRONMENT**
 RT AIR POLLUTION
 ARID LANDS

EARTH FIGURE

USE GEODESY

EARTH HYDROSPHERE

UF HYDROSPHERE (EARTH)
 RT BIOSPHERE
 HYDROLOGY
 LAKES
 LIMNOLOGY
 OCEANS
 SEAS

EARTH LIMB

RT ASTRONOMY
 LIBRATION
 ∞LIMBS
 PLANETARY LIMB

EARTH MANTLE

UF MANTLE (EARTH STRUCTURE)
 GS LITHOSPHERE
 . **EARTH MANTLE**
 . PLANETARY MANTLES
 . . **EARTH MANTLE**
 RT COESITE
 LUNAR MANTLE
 PLATES (TECTONICS)
 REGOLITH
 STISHOVITE
 STRUCTURAL PROPERTIES (GEOLOGY)

∞EARTH MOTION

SN *(USE OF A MORE SPECIFIC TERM IS
 RECOMMENDED--CONSULT THE TERMS
 LISTED BELOW)*
 RT EARTH MOVEMENTS
 EARTH ROTATION
 POLAR WANDERING (GEOLOGY)
 SOLAR ORBITS

EARTH MOVEMENTS

GS **EARTH MOVEMENTS**
 . EARTHQUAKES
 . LANDSLIDES
 RT AVALANCHES
 CREVASSES
 CRUSTAL FRACTURES
 ∞EARTH MOTION
 EARTHQUAKE DAMAGE
 GEODYNAMICS
 LARGE APERTURE SEISMIC ARRAY
 SEISMIC WAVES
 SEISMOLOGY
 TECTONICS
 TSUNAMI WAVES

EARTH OBSERVATIONS (FROM SPACE)

GS OBSERVATION

EARTH ORBITAL RENDEZVOUS

EARTH OBSERVATIONS (FROM SPACE)-(CONT.)

EARTH OBSERVATIONS (FROM SPACE)

RT . . . SATELLITE OBSERVATION
 . . . SPOT (FRENCH SATELLITE)
 AERIAL PHOTOGRAPHY
 DATA ACQUISITION
 LANDSAT SATELLITES
 MULTISPECTRAL BAND SCANNERS
 MULTISPECTRAL PHOTOGRAPHY
 PHOTOGRAPHY

EARTH ORBITAL RENDEZVOUS

UF EOR (RENDEZVOUS)
 GS MANEUVERS
 . . . ORBITAL RENDEZVOUS
 . . . EARTH ORBITAL RENDEZVOUS
 RENDEZVOUS
 . . . EARTH ORBITAL RENDEZVOUS
 RT LUNAR ORBITAL RENDEZVOUS
 ORBITAL MECHANICS
 RENDEZVOUS TRAJECTORIES
 SPACECRAFT TRAJECTORIES
 TRANSFER ORBITS

EARTH ORBITING SPACE STATIONS

USE EOSS

EARTH ORBITS

SN (ORBITS AROUND THE EARTH)
 GS ORBITS

RT . . . EARTH ORBITS
 . . . APOGEES
 . . . PERIGEEES
 APOLLO ASTEROIDS
 CIRCULAR ORBITS
 CIRCUMLUNAR TRAJECTORIES
 ELLIPTICAL ORBITS
 EQUATORIAL ORBITS
 HANSEN LUNAR THEORY
 HILL LUNAR THEORY
 HILL METHOD
 LUNAR ORBITS
 ORBITAL LIFETIME
 ORBITAL MECHANICS
 PARKING ORBITS
 PLANETARY ORBITS
 POLAR ORBITS
 SATELLITE ORBITS
 SPACECRAFT ORBITS
 STATIONARY ORBITS
 TRANSFER ORBITS
 TWENTY-FOUR HOUR ORBITS

EARTH PLANETARY STRUCTURE

RT CONTINENTAL DRIFT
 GEOLOGY
 GEOPHYSICS
 HYDROLOGY
 LITHOSPHERE
 OCEANOGRAPHY
 PLANETARY COMPOSITION
 PLANETARY STRUCTURE
 PLATES (TECTONICS)
 PRIMITIVE EARTH ATMOSPHERE
 STRUCTURAL PROPERTIES (GEOLOGY)
 ∞STRUCTURES
 TECTONICS

EARTH RADIATION

USE TERRESTRIAL RADIATION

EARTH RADIATION BUDGET EXPERIMENT

UF ERBE
 GS PAYLOADS
 . . . SPACE SHUTTLE PAYLOADS
 . . . SPACEBORNE EXPERIMENTS
 . . . EARTH RADIATION BUDGET
 EXPERIMENT
 RT ALBEDO
 EARTH ALBEDO
 RADIATION MEASURING INSTRUMENTS
 TERRESTRIAL RADIATION

EARTH RESOURCES

GS RESOURCES
 . . . EARTH RESOURCES
 . . . FORESTS
 . . . RAIN FORESTS
 . . . FOSSIL FUELS
 . . . COAL
 . . . LIGNITE
 . . . SOLVENT REFINED COAL
 . . . CRUDE OIL
 . . . GLACIERS

EARTH RESOURCES-(CONT.)

RT . . . ICEBERGS
 . . . LAND ICE
 . . . MARINE RESOURCES
 . . . OIL FIELDS
 . . . RANGE RESOURCES
 . . . SPRINGS (WATER)
 . . . TAR SANDS
 . . . THERMAL RESOURCES
 . . . GEOTHERMAL RESOURCES
 . . . GEYSERS
 . . . UNDERWATER RESOURCES
 . . . WATER RESOURCES
 ALFALFA
 ARID LANDS
 BALTIC SHIELD (EUROPE)
 BEDROCK
 BIRDS
 BRUSH (BOTANY)
 CHAPARRAL
 COASTAL ECOLOGY
 COASTAL PLAINS
 COPSES
 CORN
 COTTON
 CROP GROWTH
 CROP IDENTIFICATION
 DECIDUOUS TREES
 DESERTS
 ENERGY POLICY
 ENERGY TECHNOLOGY
 ENVIRONMENT MANAGEMENT
 ENVIRONMENT POLLUTION
 ENVIRONMENTAL SURVEYS
 EROS (SATELLITES)
 FARM CROPS
 FARMLANDS
 FISHES
 FLATS (LANDFORMS)
 ∞FOOD
 FOREST MANAGEMENT
 GEOGRAPHIC APPLICATIONS PROGRAM
 GEOTHERMAL ENERGY CONVERSION
 GRAINS (FOOD)
 GRANITE
 GRASSLANDS
 GREAT BASIN (US)
 GREAT LAKES (NORTH AMERICA)
 GREAT SALT LAKE (UT)
 GROUND WATER
 HABITATS
 HAY
 ICE MAPPING
 IMAGERY
 KEROGEN
 KETTLES (GEOLOGY)
 KEYS (ISLANDS)
 LAND USE
 LARGE AREA CROP INVENTORY
 EXPERIMENT
 LAVA
 LEGUMINOUS PLANTS
 LIMESTONE
 MAMMALS
 MARSHLANDS
 MILLET
 MINERAL DEPOSITS
 MINERALS
 MISSISSIPPI RIVER (US)
 NASA INTERACTIVE PLANNING SYSTEM
 OATS
 OCEANOGRAPHY
 PHOTOGRAPHY
 PHOTOMAPPING
 PLANTS (BOTANY)
 RECONNAISSANCE
 REGOLITH
 REMOTE SENSING
 REMOTE SENSORS
 RESOURCES MANAGEMENT
 RIVERS
 ROCKS
 RURAL LAND USE
 SANDS
 SANDSTONES
 SCANNING
 SHALES
 SOILS
 SORGHUM
 SPACEBORNE PHOTOGRAPHY
 SPECTRAL RECONNAISSANCE
 SPOT (FRENCH SATELLITE)
 STRIP MINING
 SUGAR BEETS
 SUGAR CANE

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EARTH RESOURCES-(CONT.)

SUNFLOWERS
 SURFACE WATER
 SURVEILLANCE
 TERRAIN ANALYSIS
 THERMAL MAPPING
 TIDEPOWER
 TIMBER IDENTIFICATION
 TIMBER INVENTORY
 TRIBUTARIES
 VEGETATION
 VINEYARDS
 WATERWAVE ENERGY
 WATERWAVE ENERGY CONVERSION
 WHARVES
 WINDPOWER UTILIZATION

EARTH RESOURCES EXPERIMENT PACKAGE

USE EREP

EARTH RESOURCES INFORMATION SYSTEM

GS INFORMATION SYSTEMS
 . . . EARTH RESOURCES INFORMATION
 SYSTEM
 RT NASA PROGRAMS
 PROGRAMS
 SKYLAB PROGRAM

EARTH RESOURCES OBSERVATION SATELLITES

USE EROS (SATELLITES)

EARTH RESOURCES PROGRAM

GS PROGRAMS
 . . . NASA PROGRAMS
 . . . EARTH RESOURCES PROGRAM
 . . . SEASAT PROGRAM
 RT APOLLO APPLICATIONS PROGRAM
 GEOGRAPHIC APPLICATIONS PROGRAM
 INFRARED RADIOMETERS
 LARGE AREA CROP INVENTORY
 EXPERIMENT
 PLANT STRESS
 SATELLITE OBSERVATION
 SKYLAB PROGRAM

EARTH RESOURCES SHUTTLE IMAGING RADAR

GS RADAR
 . . . PULSE RADAR
 . . . PULSE DOPPLER RADAR
 . . . EARTH RESOURCES SHUTTLE
 IMAGING RADAR
 RT RADAR IMAGERY
 SYNTHETIC ARRAYS

EARTH RESOURCES SURVEY AIRCRAFT

GS RECONNAISSANCE AIRCRAFT
 . . . EARTH RESOURCES SURVEY
 AIRCRAFT
 RT AERIAL PHOTOGRAPHY
 AERIAL RECONNAISSANCE
 ∞AIRCRAFT
 PHOTOGEOLOGY
 PHOTORECONNAISSANCE

EARTH RESOURCES SURVEY PROGRAM

GS PROGRAMS
 . . . NASA PROGRAMS
 . . . EARTH RESOURCES SURVEY
 PROGRAM
 . . . SEASAT PROGRAM
 RT APOLLO APPLICATIONS PROGRAM
 SKYLAB PROGRAM

EARTH RESOURCES TECHNOLOGY SATELLITE B

USE LANDSAT 2

EARTH RESOURCES TECHNOLOGY SATELLITE C

USE LANDSAT 3

EARTH RESOURCES TECHNOLOGY SATELLITE D

USE LANDSAT D

EARTH RESOURCES TECHNOLOGY SATELLITE E

USE LANDSAT E

EARTH RESOURCES TECHNOLOGY SATELLITE F

USE LANDSAT F

EARTH RESOURCES TECHNOLOGY SATELLITE 1

USE LANDSAT 1

EARTH RESOURCES TECHNOLOGY SATELLITES

USE LANDSAT SATELLITES

EARTH ROTATION

GS GYRATION
 . ROTATION
 . EARTH ROTATION
 RT ∞ EARTH MOTION
 . SIDEREAL TIME
 . SUPERROTATION

EARTH SATELLITES

GS SATELLITES
 . EARTH SATELLITES
 . ACTIVE SATELLITES
 SYNCOM SATELLITES
 EARLY BIRD SATELLITES
 SYNCOM 1 SATELLITE
 SYNCOM 2 SATELLITE
 SYNCOM 3 SATELLITE
 ALOUETTE SATELLITES
 ALOUETTE B SATELLITE
 ALOUETTE 1 SATELLITE
 ALOUETTE 2 SATELLITE
 ARIEL SATELLITES
 ARIEL 1 SATELLITE
 ARIEL 2 SATELLITE
 ARIEL 3 SATELLITE
 ARIEL 4 SATELLITE
 ARIEL 5 SATELLITE
 ASTRONOMICAL NETHERLANDS
 SATELLITE
 ATS
 ATS 1
 ATS 2
 ATS 3
 ATS 4
 ATS 5
 ATS 6
 ATS 7
 ATS 8
 AZUR SATELLITE
 BESS (SATELLITE)
 BIOSATELLITES
 BIOSATELLITE 1
 BIOSATELLITE 2
 BIOSATELLITE 3
 SPUTNIK 2 SATELLITE
 SPUTNIK 6 SATELLITE
 SPUTNIK 7 SATELLITE
 CANNONBALL 2 SATELLITE
 COMMUNICATION SATELLITES
 AERONAUTICAL SATELLITES
 AEROSAT SATELLITES
 ARCOMSAT
 COMMUNICATIONS TECHNOLOGY
 SATELLITE
 COMSTAR C
 NATO 3B SATELLITE
 COMSTAR SATELLITES
 COSMOS 1130 SATELLITE
 COSMOS 1131 SATELLITE
 COSMOS 1132 SATELLITE
 COSMOS 1133 SATELLITE
 COSMOS 1134 SATELLITE
 COSMOS 1135 SATELLITE
 COSMOS 1136 SATELLITE
 COSMOS 1137 SATELLITE
 EUROPEAN COMMUNICATIONS
 SATELLITE
 INTELSAT SATELLITES
 INTELSAT 1 SATELLITE
 INTELSAT 2 SATELLITE
 INTELSAT 3 SATELLITE
 INTELSAT 4 SATELLITE
 INTELSAT 5 SATELLITE
 INTELSAT 5B SATELLITE
 INTELSAT 5C SATELLITE
 LOW FREQUENCY
 TRANSIONOSPHERIC SATELLITES
 MAROTS (ESA)
 MOLNIYA SATELLITES
 PALAPA SATELLITES
 PALAPA 1 SATELLITE
 PALAPA 2 SATELLITE
 RADUGA SATELLITE
 RCA SATCOM SATELLITES
 RCA SATCOM C
 RCA SATCOM 1
 RCA SATCOM 2
 RELAY SATELLITES
 RELAY 1 SATELLITE
 RELAY 2 SATELLITE
 SYMPHONIE SATELLITES
 SYNCOM SATELLITES
 EARLY BIRD SATELLITES
 SYNCOM 1 SATELLITE
 SYNCOM 2 SATELLITE
 SYNCOM 3 SATELLITE

EARTH SATELLITES-(CONT.)

. SYNCOM 4 SATELLITE
 WESTAR SATELLITES
 COSMOS SATELLITES
 COSMOS 1 SATELLITE
 COSMOS 2 SATELLITE
 COSMOS 3 SATELLITE
 COSMOS 4 SATELLITE
 COSMOS 5 SATELLITE
 COSMOS 6 SATELLITE
 COSMOS 7 SATELLITE
 COSMOS 8 SATELLITE
 COSMOS 11 SATELLITE
 COSMOS 12 SATELLITE
 COSMOS 14 SATELLITE
 COSMOS 15 SATELLITE
 COSMOS 17 SATELLITE
 COSMOS 41 SATELLITE
 COSMOS 44 SATELLITE
 COSMOS 53 SATELLITE
 COSMOS 54 SATELLITE
 COSMOS 55 SATELLITE
 COSMOS 71 SATELLITE
 COSMOS 110 SATELLITE
 COSMOS 137 SATELLITE
 COSMOS 144 SATELLITE
 COSMOS 149 SATELLITE
 COSMOS 166 SATELLITE
 COSMOS 186 SATELLITE
 COSMOS 188 SATELLITE
 COSMOS 206 SATELLITE
 COSMOS 213 SATELLITE
 COSMOS 224 SATELLITE
 COSMOS 225 SATELLITE
 COSMOS 381 SATELLITE
 COSMOS 462 SATELLITE
 COSMOS 1128 SATELLITE
 COSMOS 1129 SATELLITE
 COSMOS 1130 SATELLITE
 COSMOS 1131 SATELLITE
 COSMOS 1132 SATELLITE
 COSMOS 1133 SATELLITE
 COSMOS 1134 SATELLITE
 COSMOS 1135 SATELLITE
 COSMOS 1136 SATELLITE
 COSMOS 1137 SATELLITE
 INTERCOSMOS SATELLITES
 COSMOS 782 SATELLITE
 COSMOS 936 SATELLITE
 COURIER SATELLITE
 DIADEME SATELLITES
 DIAL SATELLITE
 DISCOVERER SATELLITES
 DISCOVERER 5 SATELLITE
 DISCOVERER 6 SATELLITE
 DISCOVERER 15 SATELLITE
 DISCOVERER 17 SATELLITE
 DISCOVERER 18 SATELLITE
 DISCOVERER 29 SATELLITE
 DISCOVERER 30 SATELLITE
 DISCOVERER 31 SATELLITE
 DISCOVERER 32 SATELLITE
 DISCOVERER 36 SATELLITE
 DISCOVERER 38 SATELLITE
 DODGE SATELLITE
 ENVIRONMENTAL RESEARCH
 SATELLITES
 ERS 17
 ERS 18
 INTASAT SATELLITE
 EOSS
 EROS (SATELLITES)
 ESA SATELLITES
 AEROSAT SATELLITES
 COS-B SATELLITE
 ERS-1 (ESA SATELLITE)
 ESRO 1 SATELLITE
 ESRO 2 SATELLITE
 ESRO 4 SATELLITE
 EUROPEAN COMMUNICATIONS
 SATELLITE
 EXOSAT SATELLITE
 GEOS SATELLITES (ESA)
 HEOS SATELLITES
 HEOS A SATELLITE
 HEOS B SATELLITE
 MAROTS (ESA)
 METEOSAT SATELLITE
 OTS (ESA)
 TD SATELLITES
 TD-1 SATELLITE
 EUROPEAN 1 SPACECRAFT
 EVASIVE SATELLITES
 EXPLORER SATELLITES
 APPLICATIONS EXPLORER
 SATELLITES

EARTH SATELLITES-(CONT.)

. COSMIC BACKGROUND EXPLORER
 SATELLITE
 DUAL AIR DENSITY EXPLORER
 DYNAMICS EXPLORER SATELLITES
 DYNAMICS EXPLORER 1
 SATELLITE
 DYNAMICS EXPLORER 2
 SATELLITE
 EXPLORER S-46 SATELLITE
 EXPLORER S-55 SATELLITE
 EXPLORER 1 SATELLITE
 EXPLORER 2 SATELLITE
 EXPLORER 3 SATELLITE
 EXPLORER 4 SATELLITE
 EXPLORER 5 SATELLITE
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 EXPLORER 49 SATELLITE
 EXPLORER 50 SATELLITE
 EXPLORER 51 SATELLITE
 EXPLORER 52 SATELLITE
 EXPLORER 53 SATELLITE
 EXPLORER 54 SATELLITE
 EXPLORER 55 SATELLITE
 EXTREME ULTRAVIOLET EXPLORER
 SATELLITE
 IMP
 INTERNATIONAL MAGNETOSPHERIC
 EXPLORER
 INTERNATIONAL SUN EARTH
 EXPLORERS
 INTERNATIONAL SUN EARTH
 EXPLORER 1
 INTERNATIONAL SUN EARTH
 EXPLORER 2
 INTERNATIONAL SUN EARTH
 EXPLORER 3
 MICROMETEOROID EXPLORER
 SATELLITES
 RADIO ASTRONOMY EXPLORER
 SATELLITE
 FRENCH SATELLITES
 D-1 SATELLITE
 D-2 SATELLITES
 EOLE SATELLITES
 FR-1 SATELLITE
 GEOLE SATELLITES
 PEOPLE SATELLITES
 SRET SATELLITES
 SRET 1 SATELLITE
 SRET 2 SATELLITE
 GEODETIC SATELLITES
 ANNA SATELLITES
 EXPLORER 29 SATELLITE
 EXPLORER 36 SATELLITE
 GEOLE SATELLITES
 GEOS 1 SATELLITE

EARTH SATELLITES

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EARTH SATELLITES-(CONT.)

. . . GEOS 2 SATELLITE
 . . . GEOS 3 SATELLITE
 . . . LARGOS SATELLITE
 . . . PAGEOS SATELLITE
 . . . VANGUARD 1 SATELLITE
 . . . GEOPHYSICAL SATELLITES
 . . . COSMOS 462 SATELLITE
 . . . EXPLORER 6 SATELLITE
 . . . EXPLORER 10 SATELLITE
 . . . EXPLORER 12 SATELLITE
 . . . EXPLORER 13 SATELLITE
 . . . EXPLORER 45 SATELLITE
 . . . INTERCOSMOS SATELLITES
 . . . OGO
 . . . EGO
 . . . OGO-A
 . . . OGO-3
 . . . OGO-5
 . . . POGO
 . . . OGO-C
 . . . OGO-4
 . . . OGO-6
 . . . OSO
 . . . OSO-C
 . . . OSO-1
 . . . OSO-2
 . . . OSO-3
 . . . OSO-4
 . . . OSO-5
 . . . OSO-6
 . . . OSO-7
 . . . OSO-8
 . . . RADIATION AND METEOROID
 . . . SATELLITE
 . . . SPUTNIK 3 SATELLITE
 . . . VANGUARD 3 SATELLITE
 . . . GEOS-D SATELLITE
 . . . GOES B (NOAA)
 . . . GRAVSAT SATELLITE
 . . . GREB SATELLITES
 . . . GREB 5 SATELLITE
 . . . HAWKEYE SATELLITES
 . . . HEAO 1
 . . . HEAO 2
 . . . HEAO 3
 . . . HELIOS SATELLITES
 . . . HELIOS A
 . . . HELIOS B
 . . . HELIOS 1
 . . . HELIOS 2
 . . . INFRARED ASTRONOMY SATELLITE
 . . . INJUN SATELLITES
 . . . EXPLORER 25 SATELLITE
 . . . INJUN 1 SATELLITE
 . . . INJUN 2 SATELLITE
 . . . INJUN 3 SATELLITE
 . . . INJUN 4 SATELLITE
 . . . INSPECTOR SATELLITE
 . . . IRIS SATELLITES
 . . . ISIS-A
 . . . ISIS-B
 . . . ISIS-C
 . . . ISIS-X
 . . . IUE
 . . . LANDSAT SATELLITES
 . . . LANDSAT D
 . . . LANDSAT D PRIME
 . . . LANDSAT E
 . . . LANDSAT F
 . . . LANDSAT 1
 . . . LANDSAT 2
 . . . LANDSAT 3
 . . . LINCOLN EXPERIMENTAL SATELLITES
 . . . LZEEBE SATELLITE
 . . . MAGSAT A SATELLITE
 . . . MAGSAT SATELLITES
 . . . MAGSAT 1 SATELLITE
 . . . MARISAT SATELLITES
 . . . MARISAT 1 SATELLITE
 . . . MARITIME SATELLITES
 . . . ERS-1 (ESA SATELLITE)
 . . . MAROTS (ESA)
 . . . METEOROLOGICAL SATELLITES
 . . . AEROS SATELLITE
 . . . COSMOS 144 SATELLITE
 . . . D-2 SATELLITES
 . . . DIRECT READOUT EQUATORIAL
 . . . WEATHER SAT
 . . . ELEKTRON SATELLITES
 . . . ELEKTRON 1 SATELLITE
 . . . ELEKTRON 2 SATELLITE
 . . . ELEKTRON 4 SATELLITE
 . . . EOLE SATELLITES
 . . . ESSA SATELLITES
 . . . ESSA 1 SATELLITE

EARTH SATELLITES-(CONT.)

. . . ESSA 2 SATELLITE
 . . . ESSA 3 SATELLITE
 . . . ESSA 4 SATELLITE
 . . . ESSA 5 SATELLITE
 . . . ESSA 6 SATELLITE
 . . . ESSA 7 SATELLITE
 . . . ESSA 8 SATELLITE
 . . . ESSA 9 SATELLITE
 . . . EXPLORER 9 SATELLITE
 . . . EXPLORER 17 SATELLITE
 . . . EXPLORER 19 SATELLITE
 . . . GEOLE SATELLITES
 . . . METEOSAT SATELLITE
 . . . NIMBUS SATELLITES
 . . . NIMBUS F SATELLITE
 . . . NIMBUS G SATELLITE
 . . . NIMBUS 1 SATELLITE
 . . . NIMBUS 2 SATELLITE
 . . . NIMBUS 3 SATELLITE
 . . . NIMBUS 4 SATELLITE
 . . . NIMBUS 5 SATELLITE
 . . . NIMBUS 6 SATELLITE
 . . . NIMBUS 7 SATELLITE
 . . . NOAA SATELLITES
 . . . NOAA 2 SATELLITE
 . . . NOAA 3 SATELLITE
 . . . NOAA 4 SATELLITE
 . . . NOAA 5 SATELLITE
 . . . NOAA 6 SATELLITE
 . . . SAN MARCO SATELLITE
 . . . SAN MARCO 3 SATELLITE
 . . . SAN MARCO 1 SATELLITE
 . . . SAN MARCO 2 SATELLITE
 . . . SEOCS (SATELLITE)
 . . . SIRS B SATELLITE
 . . . SPUTNIK 1 SATELLITE
 . . . SPUTNIK 2 SATELLITE
 . . . SPUTNIK 3 SATELLITE
 . . . SRET SATELLITES
 . . . SRET 1 SATELLITE
 . . . SRET 2 SATELLITE
 . . . SYNCHRONOUS EARTH
 . . . OBSERVATORY SATELLITE
 . . . SMS
 . . . SMS 1
 . . . SMS 2
 . . . SYNCHRONOUS METEOROLOGICAL
 . . . SATELLITE
 . . . SMS 1
 . . . SMS 2
 . . . TIROS SATELLITES
 . . . IMPROVED TIROS OPERATIONAL
 . . . SATELLITES
 . . . ITOS 1
 . . . ITOS 2
 . . . ITOS 3
 . . . ITOS 4
 . . . ITOS SATELLITES
 . . . ITOS 1
 . . . ITOS 2
 . . . ITOS 3
 . . . ITOS 4
 . . . TIROS K SATELLITE
 . . . TIROS M
 . . . TIROS N SATELLITE
 . . . TIROS 1 SATELLITE
 . . . TIROS 2 SATELLITE
 . . . TIROS 3 SATELLITE
 . . . TIROS 4 SATELLITE
 . . . TIROS 5 SATELLITE
 . . . TIROS 6 SATELLITE
 . . . TIROS 7 SATELLITE
 . . . TIROS 8 SATELLITE
 . . . TIROS 9 SATELLITE
 . . . TIROS 10 SATELLITE
 . . . VANGUARD 2 SATELLITE
 . . . MIDAS SATELLITES
 . . . MIDAS 2 SATELLITE
 . . . MIDAS 3 SATELLITE
 . . . MIDAS 4 SATELLITE
 . . . MIDAS 5 SATELLITE
 . . . MIDAS 6 SATELLITE
 . . . MIDAS 7 SATELLITE
 . . . MOON
 . . . MULTISPECTRAL RESOURCE
 . . . SAMPLER
 . . . NAVIGATION SATELLITES
 . . . AEROSAT SATELLITES
 . . . EXPLORER 22 SATELLITE
 . . . NAVIGATION TECHNOLOGY
 . . . SATELLITES
 . . . NAVSTAR SATELLITES
 . . . NOVA SATELLITE
 . . . REFSAT
 . . . TRANSIT ATTITUDE CONTROL
 . . . SATELLITE

EARTH SATELLITES-(CONT.)

. . . TRANSIT SATELLITES
 . . . TRANSIT 1A SATELLITE
 . . . TRANSIT 1B SATELLITE
 . . . TRANSIT 2A SATELLITE
 . . . TRANSIT 3B SATELLITE
 . . . TRANSIT 4A SATELLITE
 . . . TRANSIT 4B SATELLITE
 . . . TRANSIT 5A SATELLITE
 . . . OAO
 . . . OAO 1
 . . . OAO 2
 . . . OAO 3
 . . . ORBIS
 . . . ORBIS CAL SATELLITE
 . . . OV-1 SATELLITES
 . . . OV-2 SATELLITES
 . . . OV-3 SATELLITES
 . . . OV-4 SATELLITES
 . . . OV-5 SATELLITES
 . . . OV-6 SATELLITES
 . . . PAS
 . . . PASSIVE SATELLITES
 . . . BEACON SATELLITES
 . . . BEACON EXPLORER A
 . . . EXPLORER 22 SATELLITE
 . . . ECHO SATELLITES
 . . . ECHO 1 SATELLITE
 . . . ECHO 2 SATELLITE
 . . . LAGEOS (SATELLITE)
 . . . PAGEOS SATELLITE
 . . . PEGASUS SATELLITES
 . . . POLYOT SATELLITES
 . . . PROGNOZ SATELLITES
 . . . PROTON SATELLITES
 . . . PROTON 1 SATELLITE
 . . . PROTON 3 SATELLITE
 . . . PROTON 4 SATELLITE
 . . . SAGE SATELLITE
 . . . SARSAT
 . . . SAS
 . . . EXPLORER 53 SATELLITE
 . . . SAS-1
 . . . SAS-2
 . . . SAS-3
 . . . SCATHA SATELLITE
 . . . SCORE SATELLITE
 . . . SEASAT SATELLITES
 . . . SEASAT-A SATELLITE
 . . . SEASAT-B SATELLITE
 . . . SMALL SCIENTIFIC SATELLITES
 . . . SNAPSHOT SATELLITE
 . . . SOLAR POWER SATELLITES
 . . . SOLAR RADIATION 1 SATELLITE
 . . . SOLAR RADIATION 3 SATELLITE
 . . . SPUTNIK SATELLITES
 . . . SPUTNIK 1 SATELLITE
 . . . SPUTNIK 2 SATELLITE
 . . . SPUTNIK 3 SATELLITE
 . . . SPUTNIK 4 SATELLITE
 . . . SPUTNIK 5 SATELLITE
 . . . SPUTNIK 6 SATELLITE
 . . . SPUTNIK 7 SATELLITE
 . . . SPUTNIK 8 SATELLITE
 . . . SYNCHRONOUS SATELLITES
 . . . AEROS SATELLITE
 . . . AEROSAT SATELLITES
 . . . ANIK 1
 . . . ANIK 2
 . . . ANIK 3
 . . . GOES SATELLITES
 . . . GOES 1
 . . . GOES 2
 . . . GOES 3
 . . . GOES 4
 . . . GOES 5
 . . . SIRIO SATELLITE
 . . . STORMSAT SATELLITE
 . . . SYNCHRONOUS EARTH
 . . . OBSERVATORY SATELLITE
 . . . SMS 1
 . . . SMS 2
 . . . SYNCHRONOUS METEOROLOGICAL
 . . . SATELLITE
 . . . SMS 1
 . . . SMS 2
 . . . SYNCOM SATELLITES
 . . . EARLY BIRD SATELLITES
 . . . SYNCOM 1 SATELLITE
 . . . SYNCOM 2 SATELLITE
 . . . SYNCOM 3 SATELLITE
 . . . TD SATELLITES
 . . . TD-1 SATELLITE
 . . . TELSTAR SATELLITES
 . . . TELSTAR 1 SATELLITE
 . . . TELSTAR 2 SATELLITE

EARTH SATELLITES-(CONT.)

. . TETHERED SATELLITES
 . . TIROS N SERIES SATELLITES
 . . UHURU SATELLITE
 . . VANGUARD SATELLITES
 . . . VANGUARD 1 SATELLITE
 . . . VANGUARD 2 SATELLITE
 . . . VANGUARD 3 SATELLITE
 . . VELA SATELLITES
 . . VENERA SATELLITES
 . . . VENERA 4 SATELLITE
 . . . VENERA 5 SATELLITE
 . . . VENERA 6 SATELLITE
 . . . VENERA 7 SATELLITE
 . . . VENERA 8 SATELLITE
 . . . VENERA 9 SATELLITE
 . . . VENERA 11 SATELLITE
 . . . VENERA 12 SATELLITE
 RT ARTIFICIAL SATELLITES
 FLEXIBLE SPACECRAFT
 GRAVITY GRADIENT SATELLITES
 INFLATABLE SPACECRAFT
 MANEUVERABLE SPACECRAFT
 MANNED SPACECRAFT
 MILITARY SPACECRAFT
 NATIONAL OCEANIC SATELLITE SYSTEM
 NATURAL SATELLITES
 ORBITAL SPACE STATIONS
 ORBITS
 OUTER PLANETS EXPLORERS
 SPACE LABORATORIES
 ∞ SPACECRAFT
 UNMANNED SPACECRAFT

EARTH SHAPE

USE GEODESY

EARTH SURFACE

GS LITHOSPHERE
 . EARTH SURFACE
 RT CRATONS
 CRUSTAL FRACTURES
 EQUATORIAL REGIONS
 MARSHLANDS
 OCEAN SURFACE
 PLANETARY SURFACES
 STRUCTURAL PROPERTIES (GEOLOGY)
 ∞ SURFACES
 TERRADYNAMICS
 TOPOGRAPHY

EARTH TERMINAL MEASUREMENT SYSTEM

RT COMMUNICATION SATELLITES
 ELECTROMAGNETIC MEASUREMENT
 ELECTRONIC EQUIPMENT TESTS
 GROUND SUPPORT EQUIPMENT
 ∞ MEASUREMENT
 RADIO RELAY SYSTEMS
 ∞ TEST EQUIPMENT

EARTH TERMINALS

GS STATIONS
 . GROUND STATIONS
 . . EARTH TERMINALS
 RT CARRIER TO NOISE RATIOS
 COMMUNICATION EQUIPMENT
 RADIO RELAY SYSTEMS
 SATELLITE TRANSMISSION
 SPACECRAFT COMMUNICATION
 TELEVISION SYSTEMS

EARTH TIDES

GS TIDES
 . EARTH TIDES
 RT ATMOSPHERIC TIDES
 LUNAR TIDES

EARTH VIEWING APPLICATIONS LABORATORY

UF EVAL
 GS LABORATORIES
 . SPACE LABORATORIES
 . . EARTH VIEWING APPLICATIONS
 LABORATORY
 PAYLOADS
 . EARTH VIEWING APPLICATIONS
 LABORATORY
 RT SAIL PROJECT
 SPACE SHUTTLES

EARTH-MARS TRAJECTORIES

GS TRAJECTORIES
 . SPACECRAFT TRAJECTORIES
 . . INTERPLANETARY TRAJECTORIES
 . . . EARTH-MARS TRAJECTORIES
 RT ELLIPTICAL ORBITS

EARTH-MARS TRAJECTORIES-(CONT.)

ORBITAL MECHANICS
 TRANSFER ORBITS

EARTH-MERCURY TRAJECTORIES

GS TRAJECTORIES
 . SPACECRAFT TRAJECTORIES
 . . INTERPLANETARY TRAJECTORIES
 . . . EARTH-MERCURY TRAJECTORIES
 RT ELLIPTICAL ORBITS
 ORBITAL MECHANICS
 TRANSFER ORBITS

EARTH-MOON SYSTEM

RT CHARON
 GRAVITATIONAL FIELDS
 GRAVITATIONAL WAVES
 LUNAR RETROREFLECTORS
 MOON
 NATURAL SATELLITES
 ORBITAL MECHANICS
 SOLAR SYSTEM
 ∞ SYSTEMS
 TWO BODY PROBLEM

EARTH-MOON TRAJECTORIES

GS TRAJECTORIES
 . SPACECRAFT TRAJECTORIES
 . . LUNAR TRAJECTORIES
 . . . EARTH-MOON TRAJECTORIES
 RT APOLLO 5 FLIGHT
 APOLLO 6 FLIGHT
 APOLLO 7 FLIGHT
 APOLLO 8 FLIGHT
 APOLLO 9 FLIGHT
 APOLLO 10 FLIGHT
 APOLLO 11 FLIGHT
 APOLLO 12 FLIGHT
 APOLLO 13 FLIGHT
 APOLLO 14 FLIGHT
 APOLLO 15 FLIGHT
 APOLLO 16 FLIGHT
 APOLLO 17 FLIGHT
 CIRCUMLUNAR TRAJECTORIES
 CISELUNAR SPACE
 INTERPLANETARY TRAJECTORIES
 LUNAR FLIGHT
 LUNAR ORBITS
 MOON-EARTH TRAJECTORIES
 PARKING ORBITS
 RENDEZVOUS TRAJECTORIES
 ROUND TRIP TRAJECTORIES
 TRANSFER ORBITS

EARTH-VENUS TRAJECTORIES

GS TRAJECTORIES
 . SPACECRAFT TRAJECTORIES
 . . EARTH-VENUS TRAJECTORIES
 RT ∞ ASTRONAUTICS
 FLIGHT OPTIMIZATION
 INTERPLANETARY FLIGHT
 INTERPLANETARY TRAJECTORIES
 ∞ MISSIONS
 ORBITS
 SPACE MISSIONS
 SPACE NAVIGATION
 SPACECRAFT REENTRY
 TRANSFER ORBITS

EARTHQUAKE DAMAGE

GS DAMAGE
 . EARTHQUAKE DAMAGE
 RT EARTH CRUST
 EARTH MOVEMENTS
 GEOLOGICAL FAULTS
 MICROSEISMS
 SEISMIC ENERGY
 SEISMIC WAVES
 SEISMOLOGY
 SHOCK WAVES
 TSUNAMI WAVES

EARTHQUAKE RESISTANCE

GS MECHANICAL PROPERTIES
 . EARTHQUAKE RESISTANCE
 RT CRUSTAL FRACTURES
 EARTHQUAKES
 FRACTURE STRENGTH
 IMPACT STRENGTH
 LANDFORMS
 ∞ RESISTANCE
 SEISMIC WAVES
 SHOCK RESISTANCE
 SHOCK WAVES
 TREMORS

EARTHQUAKE RESISTANT STRUCTURES

RT CONCRETE STRUCTURES
 ELASTIC BENDING
 ∞ ELASTIC SYSTEMS
 SEISMIC WAVES
 SHOCK WAVES
 STRUCTURAL VIBRATION
 ∞ STRUCTURES

EARTHQUAKES

GS EARTH MOVEMENTS
 . EARTHQUAKES
 RT CRUSTAL FRACTURES
 EARTHQUAKE RESISTANCE
 GEOLOGICAL FAULTS
 LARGE APERTURE SEISMIC ARRAY
 MICROSEISMS
 PLANETARY QUAKES
 PLATES (TECTONICS)
 ROUSE BELTS
 SAN ANDREAS FAULT
 SAN ANDREAS FAULT EXPERIMENT
 SEISMIC WAVES
 SEISMOLOGY
 SHOCK WAVES
 TREMORS
 TSUNAMI WAVES

EASEP

UF EARLY APOLLO SURFACE EXPERIMENTS
 PACKAGE
 GS PACKAGES
 . INSTRUMENT PACKAGES
 . . EASEP
 RT ∞ INSTRUMENTS
 LUNAR EXPLORATION
 PAYLOADS

EAST GERMANY

UF GERMAN DEMOCRATIC REPUBLIC
 PEOPLES DEMOCRATIC REPUBLIC OF
 GERMANY
 RT CENTRAL EUROPE
 EUROPE
 ∞ GERMANY
 NATIONS
 WEST GERMANY

EATING

GS INGESTION (BIOLOGY)
 . EATING
 RT DEGLUTITION
 DIGESTING
 ∞ FOOD
 MASTICATION
 SPACE FLIGHT FEEDING
 SWALLOWING
 SYNTHETIC FOOD

EBERT SPECTROMETERS

GS MEASURING INSTRUMENTS
 . OPTICAL MEASURING INSTRUMENTS
 . . EBERT SPECTROMETERS
 . RADIATION MEASURING INSTRUMENTS
 . . EBERT SPECTROMETERS
 . SPECTROMETERS
 . . EBERT SPECTROMETERS
 OPTICAL EQUIPMENT
 . OPTICAL MEASURING INSTRUMENTS
 . . EBERT SPECTROMETERS
 RT EARTH ALBEDO
 FILTER WHEEL INFRARED
 SPECTROMETERS
 INFRARED SPECTROMETERS
 ULTRAVIOLET SPECTROMETERS

EBF

USE EXTERNALLY BLOWN FLAPS

EBR-1 REACTOR

USE EXPERIMENTAL BREEDER REACTOR 1

EBR-2 REACTOR

USE EXPERIMENTAL BREEDER REACTOR 2

EBULLITION

USE BOILING

EBWR (REACTOR)

USE EXPERIMENTAL BOILING WATER
REACTORS

EC-121 AIRCRAFT

EC-121 AIRCRAFT

UF R7V AIRCRAFT
WARNING STAR AIRCRAFT
GS LOCKHEED AIRCRAFT
. **EC-121 AIRCRAFT**
MONOPLANES
. **EC-121 AIRCRAFT**
TRANSPORT AIRCRAFT
. **EC-121 AIRCRAFT**
RT C-121 AIRCRAFT

ECCENTRIC GEOPHYSICAL OBSERVATORY

USE EGO

ECCENTRIC ORBIT GEOPHYSICAL OBSERVATORY

USE EGO

ECCENTRIC ORBITS

GS ORBITS
. **ECCENTRIC ORBITS**
RT CIRCULAR ORBITS
ELLIPTICAL ORBITS
EXOSAT SATELLITE
LISSAJOUS FIGURES

ECCENTRICITY

RT ABNORMALITIES
ASYMMETRY
BALANCING
CONCENTRICITY
DEVIATION
ELLIPTICITY
ELONGATION
SKEWNESS
SYMMETRY
VARIABILITY
VARIATIONS

ECCENTRICS

UF CRANKS
RT CAMS
LINKAGES

ECHLETTE GRATINGS

GS GRATINGS (SPECTRA)
. **ECHLETTE GRATINGS**
RT DIFFRACTION
REFLECTION

ECHOLON FAULTS

USE GEOLOGICAL FAULTS

ECHO PROJECT

GS PROGRAMS
. NASA PROGRAMS
. **ECHO PROJECT**
. PROJECTS
. **ECHO PROJECT**
RT COMMUNICATION SATELLITES
PASSIVE SATELLITES

ECHO SATELLITES

GS SATELLITES
. ARTIFICIAL SATELLITES
. PASSIVE SATELLITES
. **ECHO SATELLITES**
. . . . ECHO 1 SATELLITE
. . . . ECHO 2 SATELLITE
. EARTH SATELLITES
. PASSIVE SATELLITES
. **ECHO SATELLITES**
. . . . ECHO 1 SATELLITE
. . . . ECHO 2 SATELLITE
UNMANNED SPACECRAFT
. PASSIVE SATELLITES
. **ECHO SATELLITES**
. . . . ECHO 1 SATELLITE
. . . . ECHO 2 SATELLITE
RT AGENA B ROCKET VEHICLE
AGENA ROCKET VEHICLES
SHOTPUT SOUNDING ROCKETS

ECHO SOUNDING

GS SOUNDING
. **ECHO SOUNDING**
RT DEEP SCATTERING LAYERS
DEPTH MEASUREMENT
ECHOES
NAVIGATION AIDS
SONAR
SOUND LOCALIZATION
SOUND RANGING
UNDERWATER ACOUSTICS

ECHO SUPPRESSORS

GS CIRCUITS
. **ECHO SUPPRESSORS**
SUPPRESSORS
. **ECHO SUPPRESSORS**
RT NOISE REDUCTION
PULSE RADAR
RADIOTELEPHONES
SONAR
SWITCHES
TELEPHONY
VOICE COMMUNICATION

ECHO 1 CARRIER ROCKET

USE THOR DELTA LAUNCH VEHICLE

ECHO 1 SATELLITE

UF A-11 SATELLITE
GS SATELLITES
. ARTIFICIAL SATELLITES
. PASSIVE SATELLITES
. . . . ECHO SATELLITES
. . . . **ECHO 1 SATELLITE**
. EARTH SATELLITES
. PASSIVE SATELLITES
. . . . ECHO SATELLITES
. . . . **ECHO 1 SATELLITE**
UNMANNED SPACECRAFT
. PASSIVE SATELLITES
. ECHO SATELLITES
. . . . **ECHO 1 SATELLITE**
RT THOR DELTA LAUNCH VEHICLE

ECHO 2 SATELLITE

UF A-12 SATELLITE
GS SATELLITES
. ARTIFICIAL SATELLITES
. PASSIVE SATELLITES
. . . . ECHO SATELLITES
. . . . **ECHO 2 SATELLITE**
. EARTH SATELLITES
. PASSIVE SATELLITES
. . . . ECHO SATELLITES
. . . . **ECHO 2 SATELLITE**
UNMANNED SPACECRAFT
. PASSIVE SATELLITES
. ECHO SATELLITES
. . . . **ECHO 2 SATELLITE**

ECHOCARDIOGRAPHY

GS BIOENGINEERING
. BIOMETRICS
. CARDIOGRAPHY
. . . . PHONOCARDIOGRAPHY
. . . . **ECHOCARDIOGRAPHY**
RT CARDIAC VENTRICLES
HEART DISEASES
HEART FUNCTION

ECHOENCEPHALOGRAPHY

GS BIOENGINEERING
. BIOMETRICS
. **ECHOENCEPHALOGRAPHY**
RT BIOINSTRUMENTATION
BRAIN
ELECTROPHYSIOLOGY
MEDICAL ELECTRONICS
MEDICAL EQUIPMENT

ECHOES

GS **ECHOES**
. ANGELS
. AURORAL ECHOES
. LUNAR ECHOES
. LUNAR RADAR ECHOES
. RADAR ECHOES
. CLUTTER
. LUNAR RADAR ECHOES
. SOLAR RADAR ECHOES
. VENUS RADAR ECHOES
. RADIO ECHOES
. SIGNAL REFLECTION
RT ACOUSTICS
CEPSTRAL ANALYSIS
ECHO SOUNDING
GROUND EFFECT (COMMUNICATIONS)
NOISE (SOUND)
REVERBERATION

ECLIPSE PROJECT

GS PROGRAMS
. PROJECTS
. **ECLIPSE PROJECT**

NASA THESAURUS (VOLUME 1)

ECLIPSES

GS **ECLIPSES**
. LUNAR ECLIPSES
. SOLAR ECLIPSES
RT ECLIPSING BINARY STARS
LUNAR SHADOW
OCCULTATION
PENUMBRAS
UMBRAS

ECLIPSING BINARY STARS

GS CELESTIAL BODIES
. STARS
. . . BINARY STARS
. . . **ECLIPSING BINARY STARS**
. . . . DWARF NOVAE
RT ECLIPSES
STELLAR OCCULTATION
VARIABLE STARS

ECLIPTIC

RT PLANETS
SOLAR ORBITS
ZODIAC

ECLOGITE

GS ROCKS
. IGNEOUS ROCKS
. **ECLOGITE**
RT GARNETS
PYROXENES
SOILS

ECOLOGICAL SYSTEMS

USE ECOLOGY

ECOLOGY

UF ECOLOGICAL SYSTEMS
GS **ECOLOGY**
. COASTAL ECOLOGY
RT ARIZONA REGIONAL ECOLOGICAL TEST
SITE
BIOCHEMICAL OXYGEN DEMAND
BIOCLIMATOLOGY
∞ BIOLOGY
CARBON CYCLE
CENTRAL ATLANTIC REGIONAL ECOL
TEST SITE
CLOSED ECOLOGICAL SYSTEMS
COASTAL PLAINS
ECOSYSTEMS
ENDANGERED SPECIES
ENERGY POLICY
ENVIRONMENTS
HABITABILITY
HABITATS
PHENOLOGY
SYMBIOSIS
VEGETATION GROWTH

ECONOMETRICS

RT ∞ APPLICATIONS OF MATHEMATICS
ECONOMICS
GROSS NATIONAL PRODUCT
STATISTICAL CORRELATION

ECONOMIC ANALYSIS

RT ALLOCATIONS
COMPARISON
COST ANALYSIS
COST ESTIMATES
COSTS
ECONOMY
EFFICIENCY
MANAGEMENT
OPERATING COSTS
VALUE ENGINEERING

ECONOMIC DEVELOPMENT

RT COMMERCE
DEVELOPING NATIONS
ECONOMY
GEOGRAPHY
INDUSTRIES
LAND USE
MANUFACTURING
RESOURCES
SPACE INDUSTRIALIZATION
URBAN DEVELOPMENT

ECONOMIC FACTORS

RT ALLOCATIONS
BUDGETING
COMMERCIAL ENERGY

ECONOMIC FACTORS-(CONT.)

COSTS
 DEVELOPING NATIONS
 DOMESTIC ENERGY
 ECONOMY
 EFFICIENCY
 ENERGY POLICY
 FEASIBILITY ANALYSIS
 INDUSTRIAL ENERGY
 MANAGEMENT
 RESERVES
 RESOURCES
 TRANSPORTATION ENERGY

ECONOMIC IMPACT

GS IMPACT
 . **ECONOMIC IMPACT**
 RT COSTS
 ENVIRONMENTS
 INDUSTRIES
 INVESTMENTS
 RESOURCES

ECONOMICS

GS **ECONOMICS**
 . DEMAND (ECONOMICS)
 RT COSTS
 ECONOMETRICS
 EVALUATION
 FIDUCIARIES
 FOREIGN TRADE
 INCOME
 INTERNATIONAL TRADE
 INVESTMENTS
 PREJUDICES
 PROGRESS
 RECESSION
 RESOURCES
 STATISTICAL ANALYSIS

ECONOMY

RT COST ESTIMATES
 DECISION MAKING
 ECONOMIC ANALYSIS
 ECONOMIC DEVELOPMENT
 ECONOMIC FACTORS
 FINANCIAL MANAGEMENT
 LOW COST
 MANAGEMENT PLANNING
 RECYCLING

ECOSYSTEMS

RT CLOSED ECOLOGICAL SYSTEMS
 ECOLOGY
 ENDANGERED SPECIES
 FOOD CHAIN
 ∞ SYSTEMS

ECS

USE EUROPEAN COMMUNICATIONS
 SATELLITE

ECUADOR

RT NATIONS
 SOUTH AMERICA

EDDIES

USE VORTICES

EDDINGTON APPROXIMATION

GS ANALYSIS (MATHEMATICS)
 . NUMERICAL ANALYSIS
 . . . APPROXIMATION
 . . . **EDDINGTON APPROXIMATION**

EDDY CURRENTS

SN (LIMITED TO ELECTRIC CURRENTS)
 GS ELECTRIC CURRENT
 . **EDDY CURRENTS**
 RT BRAKING
 ELECTRIC CONDUCTORS
 ELECTRICAL PROPERTIES
 HYSTERESIS
 LOSSES
 MAGNETIC PROPERTIES
 ∞ PHYSICAL PROPERTIES
 PLASMA CURRENTS
 VORTICITY TRANSPORT HYPOTHESIS

EDDY DIFFUSION

USE TURBULENT DIFFUSION

EDDY VISCOSITY

GS TRANSPORT PROPERTIES

EDDY VISCOSITY-(CONT.)

. VISCOSITY
 . . **EDDY VISCOSITY**
 RT FLOW CHARACTERISTICS
 FLOW RESISTANCE
 INTERNAL FRICTION
 TURBULENT FLOW
 VISCOUS DRAG
 VISCOUS FLOW

EDEMA

GS DISEASES
 . **EDEMA**
 RT BODY FLUIDS
 DIURESIS
 WATER BALANCE

EDGE DISLOCATIONS

UF SLIP BANDS
 GS DEFECTS
 . CRYSTAL DEFECTS
 . . CRYSTAL DISLOCATIONS
 . . . **EDGE DISLOCATIONS**
 DISLOCATIONS (MATERIALS)
 . CRYSTAL DISLOCATIONS
 . . **EDGE DISLOCATIONS**
 RT ∞ BANDS
 SCREW DISLOCATIONS

EDGE LOADING

GS LOADS (FORCES)
 . **EDGE LOADING**
 RT AERODYNAMIC LOADS
 COMPRESSION LOADS
 DYNAMIC LOADS
 STATIC LOADS
 WING LOADING

EDGES

GS **EDGES**
 . BLUNT LEADING EDGES
 . LEADING EDGES
 . . SHARP LEADING EDGES
 . TRAILING EDGES
 . . BLUNT TRAILING EDGES
 RT MARGINS
 RIMS
 SCALLOPING
 SIDES
 TIPS

EDITAR SYSTEM

RT SPACECRAFT TRACKING
 TRACKING STATIONS

EDITING

RT DATA PROCESSING
 DATA REDUCTION
 EDITING ROUTINES (COMPUTERS)
 FORMAT
 TECHNICAL WRITING

EDITING ROUTINES (COMPUTERS)

GS COMPUTER PROGRAMS
 . **EDITING ROUTINES (COMPUTERS)**
 RT COMPUTER SYSTEMS PROGRAMS
 DATA PROCESSING
 EDITING

EDTA

USE ETHYLENEDIAMINETETRAACETIC ACIDS

EDUCATION

UF INSTRUCTIONS
 TEACHING
 TRAINING
 GS **EDUCATION**
 . ASTRONAUT TRAINING
 . EJECTION TRAINING
 . FLIGHT TRAINING
 . . SPACE FLIGHT TRAINING
 . GUNNERY TRAINING
 . MAINTENANCE TRAINING
 . PILOT TRAINING
 RT BEHAVIOR
 COMMUNICATING
 CREATIVITY
 EXPERIENCE
 HUMAN FACTORS ENGINEERING
 INSTRUCTORS
 KNOWLEDGE
 LEARNING
 LEARNING THEORY
 LECTURES

EDUCATION-(CONT.)

MEMORY
 ∞ ORIENTATION
 PSYCHOMETRICS
 QUALIFICATIONS
 RETRAINING
 SAFETY MANAGEMENT
 SCHOOLS
 STUDENTS
 ∞ TESTS
 TEXTBOOKS
 TRAINING ANALYSIS
 TRAINING DEVICES
 TRANSFER OF TRAINING
 UNIVERSITIES

EDUCATIONAL TELEVISION

GS TELECOMMUNICATION
 . **EDUCATIONAL TELEVISION**
 TELEVISION SYSTEMS
 . **EDUCATIONAL TELEVISION**
 RT CLOSED CIRCUIT TELEVISION
 COLOR TELEVISION
 COMMUNICATION EQUIPMENT
 LEARNING
 STEREOTELEVISION
 TRAINING DEVICES

EEG (ELECTROENCEPHALOGRAMS)

USE ELECTROENCEPHALOGRAPHY

EFFECTIVE PERCEIVED NOISE LEVELS

UF EPNL
 GS LEVEL (QUANTITY)
 . **EFFECTIVE PERCEIVED NOISE LEVELS**
 RT ACOUSTIC MEASUREMENT
 ACOUSTICS
 LOUDNESS
 ∞ NOISE
 NOISE (SOUND)
 NOISE INTENSITY
 NOISE REDUCTION
 SOUND INTENSITY

EFFECTIVENESS

GS **EFFECTIVENESS**
 . COST EFFECTIVENESS
 . SYSTEM EFFECTIVENESS
 RT EFFICIENCY

EFFECTORS

USE CONTROL EQUIPMENT

∞ EFFECTS

SN *(USE OF A MORE SPECIFIC TERM IS
 RECOMMENDED--CONSULT THE TERMS
 LISTED BELOW)*
 UF AFFECTS
 RT ATMOSPHERIC EFFECTS
 AUGER EFFECT
 BAUSCHINGER EFFECT
 BIOLOGICAL EFFECTS
 CAUSES
 CHEMICAL EFFECTS
 COMPRESSIBILITY EFFECTS
 CORIOLIS EFFECT
 DOPPLER EFFECT
 ENVIRONMENT EFFECTS
 ETtingshausen Effect
 GALVANOMAGNETIC EFFECTS
 GRAVITATIONAL EFFECTS
 GREENHOUSE EFFECT
 GROUND EFFECT
 GUNN EFFECT
 HYDRODYNAMIC RAM EFFECT
 ISOTOPE EFFECT
 JET BLAST EFFECTS
 KIRKENDALL EFFECT
 LONG TERM EFFECTS
 LUNAR EFFECTS
 MAGNETIC EFFECTS
 OVERHAUSER EFFECT
 PATHOLOGICAL EFFECTS
 PELTIER EFFECTS
 PHOTOMECHANICAL EFFECT
 PHYSIOLOGICAL EFFECTS
 POYNTING-ROBERTSON EFFECT
 PRESSURE EFFECTS
 PSYCHOLOGICAL EFFECTS
 RADIATION EFFECTS
 REENTRY EFFECTS
 RELATIVISTIC EFFECTS
 SCHACH EFFECT
 SCREEN EFFECT
 SOLAR ACTIVITY EFFECTS

EFFERENT NERVOUS SYSTEMS

EFFECTS-(CONT.)

STARK EFFECT
SUHL EFFECT
SURFACE ROUGHNESS EFFECTS
TEMPERATURE EFFECTS
THERMOMAGNETIC EFFECTS
TURBULENCE EFFECTS
VIBRATION EFFECTS
VIEW EFFECTS
WIND EFFECTS
ZEEMAN EFFECT

EFFERENT NERVOUS SYSTEMS

UF MOTOR SYSTEMS (BIOLOGY)
GS NERVOUS SYSTEM
RT . EFFERENT NERVOUS SYSTEMS
∞ SENSORIMOTOR PERFORMANCE
SYSTEMS

EFFERVESCENCE

RT BOILING
BUBBLES
SURFACE PROPERTIES

EFFICIENCY

GS EFFICIENCY
. CHARGE EFFICIENCY
. COMBUSTION EFFICIENCY
. COMPRESSOR EFFICIENCY
. ENERGY CONVERSION EFFICIENCY
. NOZZLE EFFICIENCY
. POWER EFFICIENCY
. PROPULSIVE EFFICIENCY
. PROPELLER EFFICIENCY
. THERMODYNAMIC EFFICIENCY
. TRANSMISSION EFFICIENCY
RT AIRCRAFT PRODUCTION COSTS
COMFORT
COMMONALITY (EQUIPMENT)
COMPRESSION RATIO
COMPUTER SYSTEMS PERFORMANCE
COST INCENTIVES
COST REDUCTION
COSTS
ECONOMIC ANALYSIS
ECONOMIC FACTORS
EFFECTIVENESS
FEASIBILITY
FIGURE OF MERIT
HUMAN FACTORS ENGINEERING
INCENTIVE TECHNIQUES
INDEXES (RATIOS)
OPTIMIZATION
∞ PERFORMANCE
PRODUCTIVITY
RATIOS
UTILIZATION

EFFLUENTS

RT AIR POLLUTION
CONTAMINANTS
∞ DISCHARGE
ENVIRONMENT PROTECTION
EXHAUST GASES
FILTRATION
LIQUID WASTES
REACTION PRODUCTS
SETTLING
SEWAGE
SEWERS
WASTE DISPOSAL
WASTES

EFFLUX

RT EMISSION
OUTPUT

EFFORT

RT ABILITIES
CONSISTENCY
FATIGUE (BIOLOGY)
∞ PERFORMANCE
PHYSICAL WORK

EFFUSIVES

GS EFFUSIVES
. LAVA
RT CONES (VOLCANOES)
IGNEOUS ROCKS
MARS VOLCANOES
ROCKS
VOLCANOES
VOLCANOLOGY

EGCR (REACTOR)

USE EXPERIMENTAL GAS COOLED
REACTORS

EGGS

RT EMBRYOS
FETUSES
∞ FOOD
OVARIES

EGO

UF ECCENTRIC GEOPHYSICAL
OBSERVATORY
ECCENTRIC ORBIT GEOPHYSICAL
OBSERVATORY
EGO
GS OBSERVATORIES
. GEOPHYSICAL OBSERVATORIES
. OGO
. . . EGO
SATELLITES
. ARTIFICIAL SATELLITES
. . . GEOPHYSICAL SATELLITES
. . . OGO
. . . . EGO
. EARTH SATELLITES
. . . GEOPHYSICAL SATELLITES
. . . OGO
. . . . EGO
RT AGENA B ROCKET VEHICLE
ATLAS LAUNCH VEHICLES
POGO

EGRESS

RT AIR LOCKS
DOORS
HATCHES
INGRESS (SPACECRAFT PASSAGEWAY)
OPENINGS
OUTLETS

EGYPT

RT AFRICA
NATIONS

EIGENFUNCTIONS

USE EIGENVECTORS

EIGENSTATES

USE EIGENVECTORS

EIGENVALUES

UF CHARACTERISTIC EQUATIONS
CHARACTERISTIC FUNCTIONS
GS ALGEBRA
. VECTOR SPACES
. . . MATRICES (MATHEMATICS)
. . . . EIGENVALUES
RT EIGENVECTORS
HILL DETERMINANT
JACOBI MATRIX METHOD
JORDAN FORM
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ROOTS OF EQUATIONS

EIGENVECTORS

UF CHARACTERISTIC EQUATIONS
CHARACTERISTIC FUNCTIONS
EIGENFUNCTIONS
EIGENSTATES
GS ALGEBRA
. VECTOR SPACES
. . . MATRICES (MATHEMATICS)
. . . . EIGENVECTORS
. . . VECTORS (MATHEMATICS)
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RT EIGENVALUES
JACOBI MATRIX METHOD
MATHIEU FUNCTION
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EIKONAL EQUATION

GS WAVE EQUATIONS
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RT ∞ EQUATIONS
POMERANCHUK THEOREM
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GS ANALYSIS (MATHEMATICS)
. REAL VARIABLES
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RT BROWNIAN MOVEMENTS
∞ EQUATIONS
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GS CHEMICAL ELEMENTS
. ACTINIDE SERIES
. . . TRANSURANIUM ELEMENTS
. . . . EINSTEINIUM
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. ISOTOPES
. . . RADIOACTIVE ISOTOPES
. . . . TRANSURANIUM ELEMENTS
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HEAVY ELEMENTS
. TRANSURANIUM ELEMENTS
. . . EINSTEINIUM
METALS
. ACTINIDE SERIES
. . . TRANSURANIUM ELEMENTS
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EISCAT RADAR SYSTEM (EUROPE)

UF EUROPEAN INCOHERENT SCATTER
RADAR
GS RADAR
. INCOHERENT SCATTER RADAR
. . . EISCAT RADAR SYSTEM (EUROPE)
RT INCOHERENT SCATTERING
INTERNATIONAL COOPERATION
IONOSPHERIC PROPAGATION
RADAR SCATTERING
RADAR TRANSMISSION
ULTRAHIGH FREQUENCIES

EJECTA

RT CRATERING
CRATERS
DEBRIS
EJECTION
FRAGMENTS
IMPACT DAMAGE
MARS CRATERS
METEORITE CRATERS
METEORITIC DAMAGE
PROJECTILE CRATERING
WOLF-RAYET STARS

EJECTION

GS EJECTION
. STELLAR MASS EJECTION
RT BAILOUT
∞ DISCHARGE
DISCONNECT DEVICES
DISPOSAL
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EJECTA
EJECTORS
EMISSION
EMPTYING
ESCAPE (ABANDONMENT)
ESCAPE SYSTEMS
EVACUATING (TRANSPORTATION)
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EXHAUSTING
EXPULSION
EXPULSION BLADDERS
FLUSHING
JETTISON SYSTEMS
JETTISONING
MATERIALS HANDLING
PARACHUTE DESCENT
RELEASING
REMOVAL
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THROWING
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EJECTION INJURIES

GS INJURIES
. EJECTION INJURIES
RT BAILOUT
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EJECTION SEATS

GS SAFETY DEVICES
. EJECTION SEATS
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. EJECTION SEATS
. . . FLYING EJECTION SEATS
RT ABORT APPARATUS

EJECTION SEATS-(CONT.)

AIRCRAFT SAFETY
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EJECTION TRAINING

GS EDUCATION
RT **EJECTION TRAINING**
ASTRONAUT TRAINING
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RT DISPENSERS
EJECTION
EJECTION SEATS
EXHAUST DIFFUSERS
EXHAUST NOZZLES
EXHAUST SYSTEMS
FLYING EJECTION SEATS
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JET ENGINES
JET PUMPS
MATERIALS HANDLING
PUMPS
RENE PROGRAM
ROCKET ENGINES
SPRAYERS
VACUUM PUMPS

EKMAN LAYER

RT ATMOSPHERIC BOUNDARY LAYER
BOUNDARY LAYER TRANSITION
∞ LAYERS
POROUS BOUNDARY LAYER CONTROL
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EL SALVADOR

RT CENTRAL AMERICA
NATIONS

ELASTIC ANISOTROPY

GS ANISOTROPY
PLASTIC ANISOTROPY
ELASTIC ANISOTROPY

ELASTIC BARS

GS BARS
ELASTIC BARS

ELASTIC BENDING

GS BENDING
ELASTIC BENDING
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RT EARTHQUAKE RESISTANT STRUCTURES

ELASTIC BODIES

RT ∞ BODIES
∞ ELASTIC SYSTEMS
ELASTODYNAMICS
ELASTOSTATICS

ELASTIC BUCKLING

GS BUCKLING
ELASTIC BUCKLING
DEFORMATION
ELASTIC DEFORMATION
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RT FAILURE MODES

ELASTIC COLLISIONS

USE ELASTIC SCATTERING

ELASTIC CONSTANTS

USE ELASTIC PROPERTIES

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RT ∞ CYLINDERS
CYLINDRICAL BODIES
CYLINDRICAL SHELLS

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GS DAMPING
ELASTIC DAMPING

ELASTIC DAMPING-(CONT.)

∞ VISCOELASTIC DAMPING
ELASTODYNAMICS
ELASTIC DAMPING
RT RESONANCE TESTING
VIBRATION DAMPING
VISCOUS DAMPING

ELASTIC DEFORMATION

GS DEFORMATION
ELASTIC DEFORMATION
ELASTIC BENDING
ELASTIC BUCKLING
RT AXIAL STRAIN
BENDING
DEFLECTION
ELASTODYNAMICS
ELASTOSTATICS
FLEXIBLE SPACECRAFT
PLANE STRAIN
PLASTIC DEFORMATION
PRESTRESSING
STRESS-STRAIN RELATIONSHIPS
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TENSILE DEFORMATION

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GS MEDIA
ELASTIC MEDIA
RT ELASTODYNAMICS
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ELASTIC MODULUS

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GS STRUCTURAL MEMBERS
PLATES (STRUCTURAL MEMBERS)
ELASTIC PLATES

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UF ELASTIC CONSTANTS
ELASTICITY
GS MECHANICAL PROPERTIES
ELASTIC PROPERTIES
AEROELASTICITY
AEROTHERMOELASTICITY
ANELASTICITY
ELASTOPLASTICITY
HYDROELASTICITY
HYPOELASTICITY
MAGNETOSTRICTION
MODULUS OF ELASTICITY
DYNAMIC MODULUS OF ELASTICITY
PHOTOELASTICITY
PHOTOVISCOELASTICITY
PROPORTIONAL LIMIT
THERMOELASTICITY
AEROTHERMOELASTICITY
VISCOELASTICITY
PHOTOVISCOELASTICITY
THERMOVISCOELASTICITY
RT AIRY FUNCTION
BIHARMONIC EQUATIONS
COMPRESSIVE STRENGTH
ELASTODYNAMICS
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ELASTOSTATICS
FLEXIBILITY
HOOKES LAW
HYBRID STRUCTURES
INFLUENCE COEFFICIENT
MICROSONICS
MICROYIELD STRENGTH
∞ PHYSICAL PROPERTIES
PIEZOELECTRICITY
PLASTIC PROPERTIES
POISSON RATIO
PROPELLANT PROPERTIES
RESILIENCE
SOFTNESS
STRESS TENSORS
TENSILE PROPERTIES
TENSILE STRENGTH
YIELD STRENGTH

ELASTIC SCATTERING

UF ELASTIC COLLISIONS
SCATTERING
GS ELASTIC SCATTERING
ATOMIC COLLISIONS
RT ∞ COHERENCE
COHERENT SCATTERING
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ELASTIC SCATTERING-(CONT.)

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INELASTIC SCATTERING
NUCLEAR SCATTERING
PHOTON-ELECTRON INTERACTION
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RT GIRDER WEBS
∞ SHEETS
WEBS (SHEETS)
WEBS (SUPPORTS)

ELASTIC SHELLS

GS SHELLS (STRUCTURAL FORMS)
ELASTIC SHELLS
RT ANISOTROPIC SHELLS

ELASTIC STABILITY

USE DAMPING

ELASTIC STRENGTH

USE PROPORTIONAL LIMIT

∞ ELASTIC SYSTEMS

SN (USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)
RT EARTHQUAKE RESISTANT STRUCTURES
ELASTIC BODIES
∞ SYSTEMS

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UF EXPANSION WAVES
LOADING WAVES
PRESSURE WAVES
RAREFACTION WAVES
GS ELASTIC WAVES
CAPILLARY WAVES
GRAVITY WAVES
BAROCLINIC WAVES
RIPPLES
COHERENT ACOUSTIC RADIATION
COMPRESSION WAVES
DILATATIONAL WAVES
IONIC WAVES
MAGNETOELASTIC WAVES
MAGNETOACOUSTIC WAVES
MAGNETOHYDRODYNAMIC WAVES
PLASMA WAVES
ELECTROSTATIC WAVES
P WAVES
PHONONS
PHONON BEAMS
POLARIZED ELASTIC WAVES
S WAVES
SEISMIC WAVES
LOVE WAVES
MICROSEISMS
RAYLEIGH WAVES
SHOCK WAVES
DETONATION WAVES
MACH CONES
NORMAL SHOCK WAVES
OBLIQUE SHOCK WAVES
RIEMANN WAVES
SONIC BOOMS
SOUND WAVES
ELECTROACOUSTIC WAVES
ION ACOUSTIC WAVES
LAMB WAVES
NOISE (SOUND)
AERODYNAMIC NOISE
AIRCRAFT NOISE
JET AIRCRAFT NOISE
SONIC BOOMS
ENGINE NOISE
ROCKET ENGINE NOISE
THERMAL NOISE
STRESS WAVES
TOLLMEIN-SCHLICHTING WAVES
ULTRASONIC RADIATION
UNLOADING WAVES
RT ACOUSTIC PROPAGATION
ACOUSTIC SIMULATION
ACOUSTICS
AEOLIAN TONES
BACKGROUND NOISE
BACKWARD WAVES
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COHERENT RADIATION
COMBUSTION VIBRATION
CONTINUOUS RADIATION
CYLINDRICAL WAVES
DIFFUSION WAVES

ELASTICITY

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ELASTIC WAVES-(CONT.)

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ELASTODYNAMICS
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LAME WAVE EQUATIONS
LONGITUDINAL WAVES
MAGNETOHYDRODYNAMIC STABILITY
PLANE WAVES
POLARIZED RADIATION
PULSED RADIATION
∞ RADIATION
RADIATION DISTRIBUTION
RADIATION PRESSURE
RAREFACTION
REFLECTED WAVES
REFRACTED WAVES
SINE WAVES
SOLITARY WAVES
SOUND TRANSMISSION
SPHERICAL WAVES
STRESS PROPAGATION
SURFACE WAVES
TRANSVERSE WAVES
TRAVELING WAVES
TROPOSPHERIC WAVES
UNDERWATER ACOUSTICS
VIBRATION
WAVE DISPERSION
∞ WAVES

ELASTICITY

USE ELASTIC PROPERTIES

ELASTICIZERS

USE PLASTICIZERS

ELASTIN

GS PROTEINS
ELASTIN
RT ALBUMINS

ELASTODYNAMICS

GS ELASTODYNAMICS
ELASTIC DAMPING
ELASTOHYDRODYNAMICS
RT ∞ DYNAMICS
ELASTIC BODIES
ELASTIC DEFORMATION
ELASTIC MEDIA
ELASTIC PROPERTIES
ELASTIC WAVES
ELASTOSTATICS

ELASTOHYDRODYNAMICS

GS ELASTODYNAMICS
ELASTOHYDRODYNAMICS
FLUID MECHANICS
FLUID DYNAMICS
HYDRODYNAMICS
ELASTOHYDRODYNAMICS
HYDROMECHANICS
HYDRODYNAMICS
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RT BALL BEARINGS
ELASTIC WAVES
FRICTION MEASUREMENT
LUBRICATION
ROTATING CYLINDERS
SQUEEZE FILMS
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ELASTOMERS

GS RUBBER
SYNTHETIC RUBBERS
ELASTOMERS
CHLOROPRENE RESINS
THIOPLASTICS
VITON RUBBER (TRADEMARK)
VULCANIZED ELASTOMERS
RT LATEX
ORGANIC MATERIALS
PLASTICS
∞ POLYMERS
SILICONE RUBBER
SOLITHANES
SPONGES (MATERIALS)

ELASTOMETERS

GS MEASURING INSTRUMENTS
ELASTOMETERS
RT ELASTIC PROPERTIES
EXTENSOMETERS
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ELASTOPLASTICITY

GS MECHANICAL PROPERTIES
ELASTIC PROPERTIES
ELASTOPLASTICITY
ELASTIC PROPERTIES
ELASTOPLASTICITY
J INTEGRAL

ELASTOSTATICS

RT ELASTIC BODIES
ELASTIC DEFORMATION
ELASTIC MEDIA
ELASTIC PROPERTIES
ELASTODYNAMICS
STATICS

ELBER EQUATION

RT CRACK CLOSURE
CRACKS
CYCLIC LOADS
∞ EQUATIONS
FRACTOGRAPHY
FRACTURE MECHANICS
MICROCRACKS
STRESS CONCENTRATION
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GS ANATOMY
LIMBS (ANATOMY)
ARM (ANATOMY)
ELBOW (ANATOMY)
MUSCULOSKELETAL SYSTEM
JOINTS (ANATOMY)
ELBOW (ANATOMY)
APPENDAGES
ARM (ANATOMY)
ELBOW (ANATOMY)
RT HUMERUS
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ELDO LAUNCH VEHICLE

GS LAUNCH VEHICLES
ELDO LAUNCH VEHICLE
ROCKET VEHICLES
MULTISTAGE ROCKET VEHICLES
ELDO LAUNCH VEHICLE
RT ARIANE LAUNCH VEHICLE
BLUE STREAK LAUNCH VEHICLE
EUROPA LAUNCH VEHICLES
EUROPEAN SPACE AGENCY
EUROPEAN 1 SPACECRAFT

ELECTRA AIRCRAFT

GS COMMERCIAL AIRCRAFT
ELECTRA AIRCRAFT
JET AIRCRAFT
TURBOPROP AIRCRAFT
ELECTRA AIRCRAFT
LOCKHEED AIRCRAFT
ELECTRA AIRCRAFT
MONOPLANES
ELECTRA AIRCRAFT
PASSENGER AIRCRAFT
ELECTRA AIRCRAFT
TRANSPORT AIRCRAFT
ELECTRA AIRCRAFT
RT ∞ AIRCRAFT

ELECTRETS

RT CAPACITORS
CURIE TEMPERATURE
DIELECTRIC POLARIZATION
DIELECTRICS
ELECTRIC ENERGY STORAGE
ELECTRIC FIELDS
ENERGY STORAGE
MAGNETS
POLARIZATION (CHARGE SEPARATION)

ELECTRIC APPLIANCES

USE ELECTRIC EQUIPMENT

ELECTRIC ARCS

GS ELECTRIC CURRENT
ELECTRIC DISCHARGES
ELECTRIC ARCS
CARBON ARCS
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RT ARC CHAMBERS
ARC DISCHARGES
ARC GENERATORS
∞ ARCS
CORONAS
ELECTRICAL FAULTS

ELECTRIC ARCS-(CONT.)

FLASHOVER
GAS DISCHARGES
GLOW DISCHARGES
IONIZATION
LIGHT SOURCES
LIGHTNING
MAGNETOHYDRODYNAMICS
PLANOTRONS
PLASMA GENERATORS
PLASMAS (PHYSICS)
SAHA EQUATIONS
SHORT CIRCUITS

ELECTRIC AUTOMOBILES

GS SURFACE VEHICLES
MOTOR VEHICLES
AUTOMOBILES
ELECTRIC AUTOMOBILES
RT TRANSPORTATION

ELECTRIC BATTERIES

SN (INCLUDES BOTH RECHARGEABLE OR STORAGE BATTERIES AND NON-RECHARGEABLE BATTERIES FOR GENERATING CURRENT FROM A STORED CHEMICAL ENERGY SOURCE)
BATTERIES
UF BATTERIES
GS ELECTROCHEMICAL CELLS
ELECTRIC BATTERIES
NICKEL-IRON BATTERIES
PRIMARY BATTERIES
DRY CELLS
MAGNESIUM CELLS
NICKEL ZINC BATTERIES
METAL AIR BATTERIES
ZINC-OXYGEN BATTERIES
SODIUM SULFUR BATTERIES
THERMAL BATTERIES
REDOX CELLS
STORAGE BATTERIES
LEAD ACID BATTERIES
NICKEL CADMIUM BATTERIES
NICKEL HYDROGEN BATTERIES
NICKEL ZINC BATTERIES
SILVER CADMIUM BATTERIES
SILVER HYDROGEN BATTERIES
SILVER ZINC BATTERIES
ZINC-BROMIDE BATTERIES
ZINC-CHLORINE BATTERIES
WET CELLS
RT AUXILIARY POWER SOURCES
BATTERY CHARGERS
CHARGE EFFICIENCY
CHEMICAL AUXILIARY POWER UNITS
DIRECT POWER GENERATORS
ELECTRIC CELLS
ELECTRODES
ELECTROLYTES
ELECTROLYTIC CELLS
ELECTROMOTIVE FORCES
∞ ENERGY SOURCES
ENERGY STORAGE
NONAQUEOUS ELECTROLYTES
∞ POWER SUPPLIES
PULSE CHARGING
RADIOISOTOPE BATTERIES
ROADWAY POWERED VEHICLES
SPACECRAFT POWER SUPPLIES
VOLTAGE CONVERTERS (DC TO DC)

ELECTRIC BRIDGES

GS CIRCUITS
ELECTRIC BRIDGES
WIRE BRIDGE CIRCUITS
WHEATSTONE BRIDGES
RT ∞ BRIDGES
CAPACITORS
ELECTRICAL MEASUREMENT
MEASURING INSTRUMENTS
SOLID STATE DEVICES

∞ ELECTRIC CELLS

SN (USE OF A MORE SPECIFIC TERM IS RECOMMENDED-CONSULT THE TERMS LISTED BELOW)
RT AMPLIFIERS
DIRECT POWER GENERATORS
ELECTRIC BATTERIES
ELECTRIC GENERATORS
ELECTROCHEMICAL CELLS
ELECTROLYTIC CELLS
FISSION ELECTRIC CELLS
FUEL CELLS
KERR CELLS

ELECTRIC CELLS-(CONT.)

LEAD ACID BATTERIES
LITHIUM SULFUR BATTERIES
NONAQUEOUS ELECTROLYTES
PHOTOELECTRIC CELLS
SODIUM SULFUR BATTERIES
SOLAR CELLS
WET CELLS

ELECTRIC CHARGE

GS **ELECTRIC CHARGE**
. ELECTRIC DIPOLES
. . . ORBITING DIPOLES
. ELECTROSTATIC CHARGE
. ION CHARGE
. SPACE CHARGE
. TRAVELING CHARGE
RT CAPACITANCE
∞ CHARGING
∞ DIPOLES
ELECTRICAL PROPERTIES
ELECTROMETERS
POLARITY
POLARIZATION (CHARGE SEPARATION)
PULSE CHARGING
SCATHA SATELLITE

ELECTRIC CHOPPERS

SN (DEVICES FOR CONVERTING DC TO AC)
UF CHOPPERS (ELECTRIC)
RT AMPLIFIERS
MECHANICAL OSCILLATORS

ELECTRIC CIRCUITS

USE CIRCUITS

ELECTRIC COILS

GS **ELECTRIC COILS**
. MAGNETIC COILS
RT CHOKES
∞ COILS
IGNITION SYSTEMS
IMPEDANCE
MAGNETIC CORES
TRANSFORMERS

ELECTRIC CONDUCTORS

UF ELECTRICAL LEADS
GS CONDUCTORS
. **ELECTRIC CONDUCTORS**
RT ∞ CONDUCTION
DIELECTRICS
EDDY CURRENTS
ELECTRICAL INSULATION
ELECTRICAL RESISTIVITY
ELECTROSTATIC SHIELDING
INSULATORS
RESISTORS
SEMICONDUCTORS (MATERIALS)
SOMMERFELD WAVES
THERMAL CONDUCTORS
TRANSMISSION LINES

ELECTRIC CONNECTORS

UF CONNECTORS (ELECTRIC)
JACKS (ELECTRICAL)
GS CONNECTORS
. **ELECTRIC CONNECTORS**
RT BEAM LEADS
CIRCUITS
DISCONNECT DEVICES
FLAT CONDUCTORS
∞ JACKS
SWITCHES

ELECTRIC CONTACTS

UF CONTACTS (ELECTRIC)
RT BRUSHES
COMMUTATORS
CONTACT POTENTIALS
CONTACT RESISTANCE
DROPOUTS
FLAT CONDUCTORS
∞ RELAY
∞ SLIDING CONTACT
SLIDING FRICTION
SWITCHES

ELECTRIC CONTROL

UF ELECTROHYDRAULIC CONTROL
RT AUTOMATIC CONTROL
∞ CONTROL
CONTROL EQUIPMENT
ELECTRONIC CONTROL
ENGINE CONTROL

ELECTRIC CONTROL-(CONT.)

NUMERICAL CONTROL
REMOTE CONTROL
SOLENOID VALVES

ELECTRIC CORONA

UF CORONA DISCHARGES
GS CORONAS
. **ELECTRIC CORONA**
ELECTRIC CURRENT
. ELECTRIC DISCHARGES
. . . **ELECTRIC CORONA**
RT ATMOSPHERIC ELECTRICITY
ELECTROHYDRODYNAMICS
GLOW DISCHARGES
IONIZATION
SOLAR CORONA
STATIC ELECTRICITY

ELECTRIC CURRENT

UF AMPERAGE
ELECTROSEISMIC EFFECT
HALL CURRENTS
PHOTOCURRENTS
GS **ELECTRIC CURRENT**
. ALTERNATING CURRENT
. BEAM CURRENTS
. BRILLOUIN FLOW
. DIRECT CURRENT
. EDDY CURRENTS
. ELECTRIC DISCHARGES
. . . ARC DISCHARGES
. . . ELECTRIC ARCS
. . . CARBON ARCS
. . . MERCURY ARCS
. . . ELECTRIC CORONA
. . . ELECTRIC SPARKS
. . . ELECTRODELESS DISCHARGES
. . . FLASHOVER
. . . GLOW DISCHARGES
. . . LIGHTNING
. . . BALL LIGHTNING
. . . MULTIPACTOR DISCHARGES
. . . PENNING DISCHARGE
. . . RADIO FREQUENCY DISCHARGE
. . . SAINT ELMO FIRE
. . . TOWNSEND DISCHARGE
. . . GAS DISCHARGES
. . . TOROIDAL DISCHARGE
. . . RING DISCHARGE
. . . HIGH CURRENT
. . . IONOSPHERIC CURRENTS
. . . ELECTROJETS
. . . AURORAL ELECTROJETS
. . . EQUATORIAL ELECTROJET
. . . LINE CURRENT
. . . LOW CURRENTS
. . . PLASMA CURRENTS
. . . RING CURRENTS
. . . TELLURIC CURRENTS
. . . THRESHOLD CURRENTS
RT AMMETERS
CIRCUITS
CURRENT CONVERTERS (AC TO DC)
CURRENT DENSITY
CURRENT REGULATORS
CURRENT SHEETS
∞ CURRENTS
ELECTRICITY
ELECTROCONDUCTIVITY
HIGH VOLTAGES
HYDROELECTRICITY
INVERTED CONVERTERS (DC TO AC)
KIRCHHOFF LAW OF NETWORKS
LIENARD POTENTIAL
LOW CONDUCTIVITY
MICROMILLIAMMETERS
MILLIAMMETERS
OHMS LAW
POWER CONDITIONING
SYSTEM GENERATED
ELECTROMAGNETIC PULSES
TRANSMISSION LINES
VOLT-AMPERE CHARACTERISTICS

ELECTRIC DISCHARGES-(CONT.)

. . . ARC DISCHARGES
. . . ELECTRIC ARCS
. . . CARBON ARCS
. . . MERCURY ARCS
. . . ELECTRIC CORONA
. . . ELECTRIC SPARKS
. . . ELECTRODELESS DISCHARGES
. . . FLASHOVER
. . . GLOW DISCHARGES
. . . LIGHTNING
. . . BALL LIGHTNING
. . . MULTIPACTOR DISCHARGES
. . . PENNING DISCHARGE
. . . RADIO FREQUENCY DISCHARGE
. . . SAINT ELMO FIRE
. . . TOWNSEND DISCHARGE
. . . GAS DISCHARGES
. . . TOROIDAL DISCHARGE
. . . RING DISCHARGE
RT AVALANCHES
CORONAS
∞ DISCHARGE
DUOPLASMATRONS
ELECTRON EMISSION
ELECTROSTATIC CHARGE
∞ FLASH
IONIZATION
LIGHTNING SUPPRESSION
MOLNIYA SATELLITES
PLASMA CURRENTS
SPACE CHARGE
VON ARDENNE DUOPLASMATRONS
ZENER EFFECT

ELECTRIC ENERGY STORAGE

GS ENERGY STORAGE
. **ELECTRIC ENERGY STORAGE**
RT CAPACITORS
DIRECT POWER GENERATORS
ELECTRETS
INDUCTORS
POTENTIAL ENERGY

∞ ELECTRIC EQUIPMENT

SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)*
UF ELECTRIC APPLIANCES
RT AIRBORNE EQUIPMENT
CIRCUITS
CURRENT REGULATORS
ELECTRIC GENERATORS
ELECTRIC POWER TRANSMISSION
ELECTRICITY
ELECTROMECHANICAL DEVICES
ELECTRONIC EQUIPMENT
HEATING EQUIPMENT
HOMOPOLAR GENERATORS
LIGHTING EQUIPMENT
LOGISTICS
MINIATURE ELECTRONIC EQUIPMENT
MOTORS
SOLENOID VALVES
UTILITIES
VOLTAGE CONVERTERS (AC TO AC)
VOLTAGE CONVERTERS (DC TO DC)
WELDING MACHINES

ELECTRIC EQUIPMENT TESTS

SN (CHECKOUT OF ELECTRICAL EQUIPMENT)
RT ELECTRICAL MEASUREMENT
ELECTRONIC EQUIPMENT TESTS
GROUND TESTS
∞ TESTS

ELECTRIC FIELD STRENGTH

GS FIELD STRENGTH
. **ELECTRIC FIELD STRENGTH**
RT COULOMB POTENTIAL
∞ FORCE
H WAVES
∞ STRENGTH

ELECTRIC FIELDS

UF ELECTROSTATIC FIELDS
GS **ELECTRIC FIELDS**
. EXTERNAL SURFACE CURRENTS
RT BARIUM ION CLOUDS
CONSTITUTIVE EQUATIONS
COULOMB POTENTIAL
CROSSED FIELDS
DIELECTRIC POLARIZATION
ELECTRETS

ELECTRIC FILTERS

ELECTRIC FIELDS-(CONT.)

ELECTRODYNAMICS
ELECTROMAGNETISM
ELECTROMECHANICS
ELECTROSTATIC CHARGE
ELECTROSTATICS
EXTERNAL SURFACE CURRENTS
FIELD EMISSION
FIELD STRENGTH
∞ FIELDS
LIENARD POTENTIAL
MAGNETIC FIELDS
PERMITTIVITY
POLARITY
SPACECRAFT CHARGING
SPARK GAPS
STARK EFFECT
STATIC ELECTRICITY

ELECTRIC FILTERS

GS ELECTROMAGNETIC WAVE FILTERS
∞ ELECTRIC FILTERS
∞ CRYSTAL FILTERS
∞ DIGITAL FILTERS
∞ FIR FILTERS
∞ MICROWAVE FILTERS
∞ RADAR FILTERS
∞ RADIO FILTERS
∞ TRACKING FILTERS
∞ WAVEGUIDE FILTERS
RT ADAPTIVE FILTERS
BANDPASS FILTERS
CAPACITORS
CIRCUITS
ELECTRONIC FILTERS
∞ FILTERS
HIGH PASS FILTERS
INFRARED FILTERS
KALMAN FILTERS
LINEAR FILTERS
LOW PASS FILTERS
NONLINEAR FILTERS
OPTICAL FILTERS
RC CIRCUITS
RECEIVERS
REDUCED ORDER FILTERS
RESISTORS
TRANSFORMERS
ULTRAVIOLET FILTERS
WIENER FILTERING

ELECTRIC FUSES

RT CIRCUIT PROTECTION
DISCONNECT DEVICES
∞ FUSES

ELECTRIC GENERATORS

UF ELECTRIC POWER CONVERSION
ELECTROGENERATORS
POWER GENERATORS
GS ELECTRIC GENERATORS
∞ AC GENERATORS
∞ STATIC ALTERNATORS
∞ DIRECT POWER GENERATORS
∞ ELECTROSTATIC GENERATORS
∞ FUEL CELLS
∞ BIOCHEMICAL FUEL CELLS
∞ HYDROGEN OXYGEN FUEL CELLS
∞ PHOSPHORIC ACID FUEL CELLS
∞ REGENERATIVE FUEL CELLS
∞ MAGNETOHYDRODYNAMIC GENERATORS
∞ PHOTOELECTRIC GENERATORS
∞ PRIMARY BATTERIES
∞ ALKALINE BATTERIES
∞ DRY CELLS
∞ MAGNESIUM CELLS
∞ NICKEL ZINC BATTERIES
∞ METAL AIR BATTERIES
∞ ZINC-OXYGEN BATTERIES
∞ THERMAL BATTERIES
∞ RADIOISOTOPE BATTERIES
∞ SNAP 7
∞ SNAP 9A
∞ SNAP 11
∞ SNAP 13
∞ SNAP 15
∞ SNAP 17
∞ SNAP 19
∞ SNAP 21
∞ SNAP 23
∞ SNAP 27
∞ SNAP 29
∞ SOLAR CELLS
∞ HOMOJUNCTIONS

ELECTRIC GENERATORS-(CONT.)

∞ VERTICAL JUNCTION SOLAR CELLS
∞ THERMIONIC CONVERTERS
∞ SNAP 13
∞ SOLAR BLANKETS
∞ THERMOELECTRIC GENERATORS
∞ SNAP 3
∞ SNAP 7
∞ SNAP 9A
∞ SNAP 10A
∞ SNAP 11
∞ SNAP 15
∞ SNAP 17
∞ SNAP 19
∞ SNAP 21
∞ SNAP 23
∞ SNAP 27
∞ SNAP 29
∞ SOLAR SEA POWER PLANTS
∞ ROTATING GENERATORS
∞ AMPLIDYNES
∞ DYNAMOMETERS
∞ HOMOPOLAR GENERATORS
∞ STATIC ALTERNATORS
∞ TURBOGENERATORS
∞ ASTEC SOLAR TURBOELECTRIC GENERATOR
∞ SOLAR GENERATORS
∞ SOLAR AUXILIARY POWER UNITS
∞ ASTEC SOLAR TURBOELECTRIC GENERATOR
∞ SUNFLOWER POWER SYSTEM
∞ SOLAR CELLS
∞ HOMOJUNCTIONS
∞ VERTICAL JUNCTION SOLAR CELLS
RT ARC GENERATORS
ARMATURES
AUXILIARY POWER SOURCES
BRUSHES
CLOSED CYCLES
COGENERATION
COMBINED CYCLE POWER GENERATION
∞ CONVERSION
∞ CONVERTERS
∞ ELECTRIC CELLS
∞ ELECTRIC EQUIPMENT
ELECTRICAL ENGINEERING
ELECTROMOTIVE FORCES
∞ ENERGY SOURCES
∞ GENERATORS
∞ NUCLEAR ELECTRIC POWER GENERATION
∞ POWER
POWER CONDITIONING
∞ POWER SUPPLIES
SNAP
SOLAR PONDS (HEAT STORAGE)
STATIC INVERTERS
THERMONUCLEAR POWER GENERATION
TIDE POWERED GENERATORS
WINDMILLS (WINDPOWERED MACHINES)
WINDPOWERED GENERATORS

ELECTRIC HYBRID VEHICLES

GS SURFACE VEHICLES
∞ ELECTRIC HYBRID VEHICLES
RT AUTOMOBILES
INTERNAL COMBUSTION ENGINES
∞ ROTATING ELECTRICAL MACHINES
∞ VEHICLES

ELECTRIC IGNITION

GS IGNITION
∞ ELECTRIC IGNITION
RT IGNITERS
IGNITION SYSTEMS
SPARK IGNITION
SQUIBS
STARTING

ELECTRIC IMPULSES

USE ELECTRIC PULSES

ELECTRIC MOMENTS

GS MOMENTS
∞ DIPOLE MOMENTS
∞ ELECTRIC MOMENTS
RT MAGNETIC MOMENTS
POLARIZATION (CHARGE SEPARATION)

ELECTRIC MOTOR VEHICLES

GS SURFACE VEHICLES
MOTOR VEHICLES
∞ ELECTRIC MOTOR VEHICLES
RT AUTOMOBILES

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ELECTRIC MOTOR VEHICLES-(CONT.)

CRAWLER TRACTORS
RESEARCH VEHICLES
ROADWAY POWERED VEHICLES
TEST VEHICLES
TRACTORS
TRUCKS
∞ VEHICLES

ELECTRIC MOTORS

GS MOTORS
∞ ELECTRIC MOTORS
∞ ASYNCHRONOUS MOTORS
∞ INDUCTION MOTORS
∞ MICROMOTORS
∞ STEPPING MOTORS
∞ SYNCHRONOUS MOTORS
∞ TORQUE MOTORS
RT AMPLIDYNES
ARMATURES
BRUSHES
CIRCUITS
COMMUTATORS
DECOMMUTATORS
∞ ROTATING ELECTRICAL MACHINES
SERVOMECHANISMS
SERVOMOTORS
STATORS
TRANSFORMERS

ELECTRIC NETWORKS

RT IMPEDANCE MATCHING
∞ NETWORKS
SNEAK CIRCUIT ANALYSIS

ELECTRIC OUTLETS

RT ∞ POWER TRANSMISSION

ELECTRIC POTENTIAL

UF VOLTAGE
GS POTENTIAL ENERGY
∞ ELECTRIC POTENTIAL
∞ CONTACT POTENTIALS
∞ COULOMB POTENTIAL
∞ LIENARD POTENTIAL
∞ LOW VOLTAGE
∞ OPEN CIRCUIT VOLTAGE
∞ PHOTOVOLTAGES
∞ SPIKE POTENTIALS
RT BARRITT DIODES
BIAS
ELECTROMOTIVE FORCES
GIBBS-HELMHOLTZ EQUATIONS
HIGH VOLTAGES
IONIZATION POTENTIALS
KIRCHHOFF LAW OF NETWORKS
OVERVOLTAGE
∞ POTENTIAL
POTENTIOMETERS (INSTRUMENTS)
POWER CONDITIONING
STATIC ELECTRICITY
VOLT-AMPERE CHARACTERISTICS

∞ ELECTRIC POWER

SN (USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)
UF ELECTRICAL ENERGY
RT AUXILIARY POWER SOURCES
ELECTRIC BATTERIES
ELECTRIC CURRENT
ELECTRIC POWER PLANTS
ELECTRIC PROPULSION
ELECTRICAL PROPERTIES
ELECTRICITY
ELECTRIFICATION
GEOTHERMAL ENERGY UTILIZATION
HYDROELECTRICITY
INDUCTION MOTORS
POYNTING THEOREM
TOKAMAK DEVICES
TURBOGENERATORS
UTILITIES
VOLTAGE CONVERTERS (AC TO AC)
VOLTAGE CONVERTERS (DC TO DC)

ELECTRIC POWER CONVERSION

USE ELECTRIC GENERATORS

ELECTRIC POWER PLANTS

GS ELECTRIC POWER PLANTS
∞ FUEL CELL POWER PLANTS
∞ NUCLEAR POWER PLANTS
∞ ENRICO FERMI ATOMIC POWER PLANT

ELECTRIC POWER PLANTS-(CONT.)

- .. HALLAM NUCLEAR POWER FACILITY
- .. ML-1 NUCLEAR POWER PLANT
- RT COGENERATION
- COMBINED CYCLE POWER GENERATION
- ∞ ELECTRIC POWER
- ELECTRICAL ENGINEERING
- ∞ FACILITIES
- FLUE GASES
- FLY ASH
- HYDROELECTRIC POWER STATIONS
- INTEGRATED ENERGY SYSTEMS
- MODULAR INTEGRATED UTILITY SYSTEM
- ∞ POWER PLANTS
- SOLAR SEA POWER PLANTS

ELECTRIC POWER SUPPLIES

- GS ELECTRIC POWER SUPPLIES
- .. SPACECRAFT POWER SUPPLIES
- RT AUXILIARY POWER SOURCES
- INDUCTION MOTORS
- LINE CURRENT
- PAYLOAD DELIVERY (STS)
- ∞ POWER SUPPLIES

ELECTRIC POWER TRANSMISSION

- GS TRANSMISSION
- .. ELECTRIC POWER TRANSMISSION
- RT CIRCUIT PROTECTION
- CIRCUITS
- ∞ CONDUCTION
- ∞ ELECTRIC EQUIPMENT
- ELECTRICAL ENGINEERING
- ELECTRIFICATION
- HYDROELECTRIC POWER STATIONS
- ∞ NETWORKS
- POLES (SUPPORTS)
- POWER LINES
- ∞ POWER TRANSMISSION
- POWER TRANSMISSION (LASERS)
- SUPERCONDUCTING POWER
- TRANSMISSION
- TRANSMISSION CIRCUITS
- TRANSMISSION LINES
- TRANSMISSION LOSS
- UNDERGROUND TRANSMISSION LINES

ELECTRIC PROPULSION

- SN (EXCLUDES PROPULSION USING
- ELECTRIC MOTORS AS PRIME MOVERS)
- GS PROPULSION
- .. ELECTRIC PROPULSION
- .. ELECTROMAGNETIC PROPULSION
- .. ELECTROSTATIC PROPULSION
- .. ION PROPULSION
- .. LASER PROPULSION
- .. PLASMA PROPULSION
- .. SOLAR ELECTRIC PROPULSION
- RT ARC JET ENGINES
- ∞ ELECTRIC POWER
- LOW THRUST PROPULSION
- MARINE PROPULSION
- NUCLEAR ELECTRIC PROPULSION
- PLASMA POWER SOURCES
- RIFT (REACTOR IN FLIGHT TEST)
- SERT 1 SPACECRAFT
- SERT 2 SPACECRAFT
- SPACECRAFT PROPULSION
- TWO STAGE PLASMA ENGINES
- UNDERWATER PROPULSION

ELECTRIC PULSES

- UF ELECTRIC IMPULSES
- GS PULSES
- .. ELECTRIC PULSES
- RT ELECTROMAGNETIC PULSES
- PULSE AMPLITUDE
- PULSE DURATION
- PULSE GENERATORS
- PULSE MODULATION
- PULSE RATE
- ∞ SIGNALS
- SYSTEM GENERATED
- ELECTROMAGNETIC PULSES

ELECTRIC REACTORS

- GS ELECTRIC REACTORS
- .. SATURABLE REACTORS
- RT CAPACITORS
- CIRCUIT PROTECTION
- ∞ REACTORS
- RESISTORS
- TRANSFORMERS

ELECTRIC RELAYS

- SN (EXCLUDES COMMUNICATION SYSTEM
- REPEATERS)
- GS SWITCHES
- RT ELECTRIC RELAYS
- ARMATURES
- CIRCUIT BREAKERS
- DISCONNECT DEVICES
- INTERRUPTION
- ∞ RELAY
- SELECTORS
- SOLENOID VALVES
- SOLENOIDS
- SWITCHING CIRCUITS
- TIME LAG

ELECTRIC ROCKET ENGINES

- GS ENGINES
- .. ROCKET ENGINES
- .. ELECTRIC ROCKET ENGINES
- .. ELECTROSTATIC ENGINES
- .. ELECTROTHERMAL ENGINES
- .. ARC JET ENGINES
- .. XT-761 ENGINE
- .. RESISTOJET ENGINES
- .. ION ENGINES
- .. CESIUM ENGINES
- .. MERCURY ION ENGINES
- .. RIT ENGINES
- RT MICROROCKET ENGINES
- PULSED JET ENGINES
- RESTARTABLE ROCKET ENGINES
- SERT 1 SPACECRAFT
- SERT 2 SPACECRAFT
- SPACE ELECTRIC ROCKET TESTS
- SUSTAINER ROCKET ENGINES
- VERNIER ENGINES

ELECTRIC SPARKS

- UF SPARK DISCHARGES
- GS ELECTRIC CURRENT
- .. ELECTRIC DISCHARGES
- .. ELECTRIC SPARKS
- SPARKS
- RT ELECTRIC SPARKS
- FLASHOVER
- GAS DISCHARGES
- IONIZATION
- LIGHTNING
- SPARK CHAMBERS
- SPARK GAPS
- SPARK IGNITION
- SPARK PLUGS
- STATIC ELECTRICITY

ELECTRIC STIMULI

- RT PHYSIOLOGY
- ∞ STIMULI

ELECTRIC SWITCHES

- GS SWITCHES
- .. ELECTRIC SWITCHES
- .. CRYOTRONS
- .. STEPPING SWITCHES
- .. THERMOSTATS
- RT CONTACTORS
- CRYOSTATS
- CURRENT REGULATORS
- DROPOUTS
- ELECTRONIC CONTROL
- PRESSURE SWITCHES
- SOLENOID VALVES
- SWITCHING CIRCUITS
- VOLTAGE REGULATORS

ELECTRIC TERMINALS

- RT ∞ TERMINALS

ELECTRIC WELDING

- GS WELDING
- .. ELECTRIC WELDING
- .. ARC WELDING
- .. GAS TUNGSTEN ARC WELDING
- .. PLASMA ARC WELDING
- .. ELECTRON BEAM WELDING
- .. ELECTROSLAG WELDING
- RT FLASH WELDING
- FUSION WELDING
- PRESSURE WELDING
- SPOT WELDS
- WELDING MACHINES

ELECTRIC WIRE

- UF ELECTRIC WIRING
- GS CONDUCTORS

ELECTRIC WIRE-(CONT.)

- .. ELECTRIC WIRE
- WIRE
- RT ELECTRIC WIRE
- BUS CONDUCTORS
- CIRCUITS
- COMMUNICATION CABLES
- ELECTRICAL INSULATION
- EXPLODING WIRES
- FLAT CONDUCTORS
- POWER LINES
- TRANSMISSION LINES
- WIRE BRIDGE CIRCUITS

ELECTRIC WIRING

- USE ELECTRIC WIRE
- WIRING

ELECTRICAL BREAKDOWN

- USE ELECTRICAL FAULTS

ELECTRICAL CONDUCTIVITY

- USE ELECTRICAL RESISTIVITY

ELECTRICAL CONDUCTIVITY METERS

- GS MEASURING INSTRUMENTS
- .. CONDUCTIVITY METERS
- .. ELECTRICAL CONDUCTIVITY METERS
- RT OHMMETERS

ELECTRICAL ENERGY

- USE ELECTRIC POWER

ELECTRICAL ENGINEERING

- RT ELECTRIC GENERATORS
- ELECTRIC POWER PLANTS
- ELECTRIC POWER TRANSMISSION
- ∞ ELECTRONICS
- ∞ ENGINEERING
- ∞ POWER TRANSMISSION
- SYSTEMS ENGINEERING
- TRANSMISSION LINES
- TURBOGENERATORS

ELECTRICAL FAULTS

- UF ELECTRICAL BREAKDOWN
- VOLTAGE BREAKDOWN
- GS ELECTRICAL FAULTS
- .. SHORT CIRCUITS
- RT ∞ BREAKDOWN
- CIRCUIT PROTECTION
- ELECTRIC ARCS
- FAILURE
- ∞ FAULTS
- FLASHOVER
- SNEAK CIRCUIT ANALYSIS
- SPARK GAPS

ELECTRICAL GROUNDING

- RT CIRCUIT PROTECTION
- CIRCUITS
- NOISE REDUCTION
- TRANSFORMERS

ELECTRICAL IMPEDANCE

- UF ADMITTANCE
- IMMITTANCE
- GS IMPEDANCE
- .. ELECTRICAL IMPEDANCE
- .. ELECTRICAL RESISTANCE
- .. CONTACT RESISTANCE
- .. SKIN RESISTANCE
- .. REACTANCE
- RT CAPACITANCE
- IMPEDANCE MATCHING
- IMPEDANCE MEASUREMENT
- INDUCTANCE
- LATCH-UP
- OHMMETERS
- SMITH CHART

ELECTRICAL INSULATION

- UF NONCONDUCTORS
- GS INSULATION
- .. ELECTRICAL INSULATION
- RT ASBESTOS
- CIRCUIT PROTECTION
- DIELECTRICS
- ELECTRIC CONDUCTORS
- ELECTRIC WIRE
- EXCITONS
- ∞ INSULATED STRUCTURES
- INSULATORS
- WIRING

ELECTRICAL LEADS

ELECTRICAL LEADS
USE ELECTRIC CONDUCTORS

ELECTRICAL MEASUREMENT

SN (MEASUREMENT OF ELECTRICAL PROPERTIES, QUANTITIES, OR CONDITIONS)
UF VOLTAGE MEASUREMENT
GS **ELECTRICAL MEASUREMENT**
. COULOMETRY
. POLAROGRAPHY
RT AMMETERS
BOLOMETERS
COULOMETERS
ELECTRIC BRIDGES
ELECTRIC EQUIPMENT TESTS
ELECTROMAGNETIC MEASUREMENT
ELECTROMETERS
ELECTRONIC EQUIPMENT TESTS
FLOWMETERS
IMPEDANCE MEASUREMENT
MAGNETOMETERS
∞ MEASUREMENT
MEASURING INSTRUMENTS
MICROMILLIAMMETERS
MILLIAMMETERS
MISMATCH (ELECTRICAL)
OHMMETERS
OSCILLOGRAPHS
POTENTIOMETERS (INSTRUMENTS)
WATTMETERS

ELECTRICAL PROPERTIES

UF BARDEEN APPROXIMATION
GS ELECTROMAGNETIC PROPERTIES
. **ELECTRICAL PROPERTIES**
. ANTIFERROELECTRICITY
. CAPACITANCE
. DIELECTRIC PROPERTIES
. PERMITTIVITY
. FERROELECTRICITY
. INDUCTANCE
. PROXIMITY EFFECT (ELECTRICITY)
. PHOTOCONDUCTIVITY
. PHOTOVOLTAIC EFFECT
RT ∞ CONDUCTIVITY
CRYSTAL OSCILLATORS
DIAMAGNETISM
DIPOLE MOMENTS
DOMAINS
EDDY CURRENTS
ELECTRIC CHARGE
∞ ELECTRIC POWER
ELECTRICITY
FIELD STRENGTH
HYSTERESIS
IMPEDANCE
MAGNETIC PROPERTIES
OPEN CIRCUIT VOLTAGE
OPTICAL PROPERTIES
PHOTOELECTRIC EMISSION
∞ PHYSICAL PROPERTIES
∞ PROPERTIES
QUALITY CONTROL
∞ RESISTANCE
∞ SOLID STATE PHYSICS
STANDING WAVE RATIOS

ELECTRICAL RESISTANCE

GS IMPEDANCE
. ELECTRICAL IMPEDANCE
. **ELECTRICAL RESISTANCE**
. CONTACT RESISTANCE
. SKIN RESISTANCE
RT GALVANIC SKIN RESPONSE
∞ HIGH RESISTANCE
LINEAR CIRCUITS
∞ LOW RESISTANCE
MANGANIN (TRADEMARK)
OHMMETERS
OHMS LAW
RC CIRCUITS
REACTANCE
∞ RESISTANCE
RL CIRCUITS
RLC CIRCUITS

ELECTRICAL RESISTIVITY

UF ELECTRICAL CONDUCTIVITY
RESISTIVITY
GS TRANSPORT PROPERTIES
. **ELECTRICAL RESISTIVITY**
. IONOSPHERIC CONDUCTIVITY
. MAGNETORESISTIVITY
. PHOTOCONDUCTIVITY

ELECTRICAL RESISTIVITY-(CONT.)

RT PLASMA CONDUCTIVITY
SUPERCONDUCTIVITY
... KONDO EFFECT
AIR CONDUCTIVITY
ATMOSPHERIC CONDUCTIVITY
CARRIER MOBILITY
∞ CONDUCTIVITY
ELECTRIC CONDUCTORS
ELECTROCONDUCTIVITY
ELECTROMIGRATION
LOW CONDUCTIVITY
OPEN CIRCUIT VOLTAGE
∞ RESISTANCE

ELECTRICALLY SUSPENDED GYROSCOPES

USE ELECTROSTATIC GYROSCOPES

ELECTRICITY

GS **ELECTRICITY**
. ALTERNATING CURRENT
. ATMOSPHERIC ELECTRICITY
. IONOSPHERIC CURRENTS
. ELECTROJETS
. AURORAL ELECTROJETS
. EQUATORIAL ELECTROJET
. GEOELECTRICITY
. TELLURIC CURRENTS
. HYDROELECTRICITY
. STATIC ELECTRICITY
RT ELECTRIC CURRENT
∞ ELECTRIC EQUIPMENT
∞ ELECTRIC POWER
ELECTRICAL PROPERTIES
ELECTROMAGNETISM
∞ ELECTRONICS
LIGHTNING
MAXWELL EQUATION
OHMS LAW
PHOTOELECTRICITY
PIEZOELECTRICITY
PROXIMITY EFFECT (ELECTRICITY)

ELECTRIFICATION

RT ∞ ELECTRIC POWER
ELECTRIC POWER TRANSMISSION
∞ POWER TRANSMISSION
TRANSMISSION LINES

ELECTRO-OPTICAL EFFECT

RT ∞ KERR EFFECTS
LIGHT MODULATION
NONLINEAR OPTICS

ELECTRO-OPTICAL PHOTOGRAPHY

UF ELECTRONIC PHOTOGRAPHY
GS IMAGERY
. **ELECTRO-OPTICAL PHOTOGRAPHY**
PHOTOGRAPHY
RT **ELECTRO-OPTICAL PHOTOGRAPHY**
ASTRONOMICAL PHOTOGRAPHY
BLACK AND WHITE PHOTOGRAPHY
IMAGE RESOLUTION
LALLEMAND CAMERAS
OPTICAL MEASUREMENT
STREAK PHOTOGRAPHY

ELECTRO-OPTICS

GS ELECTROPHYSICS
. **ELECTRO-OPTICS**
RT ACOUSTO-OPTICS
BIREFRINGENCE
ELECTROLUMINESCENCE
ELECTRON OPTICS
INTEGRATED OPTICS
KERR ELECTROOPTICAL EFFECT
LASER MICROSCOPY
MAGNETO-OPTICS
OPTICAL RELAY SYSTEMS
∞ OPTICS
PHOTONICS
PUSHBROOM SENSOR MODES
STARK EFFECT

ELECTROACOUSTIC TRANSDUCERS

GS TRANSDUCERS
. SOUND TRANSDUCERS
. **ELECTROACOUSTIC TRANSDUCERS**
. HYDROPHONES
. LOUDSPEAKERS
. MICROPHONES
RT SURFACE ACOUSTIC WAVE DEVICES

ELECTROACOUSTIC WAVES

GS ELASTIC WAVES

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ELECTROACOUSTIC WAVES-(CONT.)

. SOUND WAVES
RT **ELECTROACOUSTIC WAVES**
ELECTROMAGNETIC RADIATION
PLASMA WAVES
PRESSURE SENSORS
WAVE INTERACTION
∞ WAVES

ELECTROANESTHESIA

GS ANESTHESIA
. **ELECTROANESTHESIA**
RT ELECTRONARCOSIS

ELECTROCARDIOGRAMS

USE ELECTROCARDIOGRAPHY

ELECTROCARDIOGRAPHY

UF ELECTROCARDIOGRAMS
GS BIOENGINEERING
. BIOMETRICS
. CARDIOGRAPHY
. **ELECTROCARDIOGRAPHY**
BALLISTOCARDIOGRAPHY
BODY MEASUREMENT (BIOLOGY)
ELECTROPHYSIOLOGY
HEART DISEASES
MEDICAL ELECTRONICS
MUSCLES
PHONOCARDIOGRAPHY
VECTORCARDIOGRAPHY

ELECTROCATALYSTS

UF FUEL CELL CATALYSTS
GS CATALYSTS
. **ELECTROCATALYSTS**
RT FUEL CELLS

ELECTROCHEMICAL CELLS

GS **ELECTROCHEMICAL CELLS**
. ALKALINE BATTERIES
. ELECTRIC BATTERIES
. NICKEL-IRON BATTERIES
. PRIMARY BATTERIES
. DRY CELLS
. MAGNESIUM CELLS
. NICKEL ZINC BATTERIES
. METAL AIR BATTERIES
. ZINC-OXYGEN BATTERIES
. SODIUM SULFUR BATTERIES
. THERMAL BATTERIES
. REDOX CELLS
. STORAGE BATTERIES
. LEAD ACID BATTERIES
. NICKEL CADMIUM BATTERIES
. NICKEL HYDROGEN BATTERIES
. NICKEL ZINC BATTERIES
. SILVER CADMIUM BATTERIES
. SILVER HYDROGEN BATTERIES
. SILVER ZINC BATTERIES
. ZINC-BROMIDE BATTERIES
. ZINC-CHLORINE BATTERIES
. WET CELLS
. FUEL CELLS
. BIOCHEMICAL FUEL CELLS
. HYDROGEN OXYGEN FUEL CELLS
. PHOSPHORIC ACID FUEL CELLS
. REGENERATIVE FUEL CELLS
. LITHIUM SULFUR BATTERIES
RT ∞ CELLS
∞ ELECTRIC CELLS
ELECTROCHEMISTRY
PHOTOELECTRIC CELLS
PHOTOELECTROCHEMICAL DEVICES
PHOTOVOLTAIC CELLS

ELECTROCHEMICAL CORROSION

GS CORROSION
. **ELECTROCHEMICAL CORROSION**
RT ELECTRODISSOLUTION
ELECTROLYSIS
METAL-WATER REACTIONS

ELECTROCHEMICAL MACHINING

UF ELECTROLYTIC GRINDING
GS MACHINING
. CHEMICAL MACHINING
. **ELECTROCHEMICAL MACHINING**
RT ELECTROPOLISHING

ELECTROCHEMICAL OXIDATION

GS CHEMICAL REACTIONS
. OXIDATION
. **ELECTROCHEMICAL OXIDATION**

ELECTROCHEMISTRY

GS **ELECTROCHEMISTRY**
 . ELECTROLYSIS
 . COULOMETRY
 . PHOTOELECTROCHEMISTRY
 RT ∞ CHEMISTRY
 CORROSION
 COULOMETERS
 ELECTROCHEMICAL CELLS
 ELECTRODEPOSITION
 ELECTRODES
 ELECTRODISSOLUTION
 ELECTROLYTES
 ELECTROLYTIC CELLS
 ELECTROPHYSICS
 FUEL CELLS
 GLASS ELECTRODES
 NONAQUEOUS ELECTROLYTES
 OXIDATION-REDUCTION REACTIONS
 REDOX CELLS

ELECTROCONDUCTIVITY

GS **ELECTROCONDUCTIVITY**
 . LOW CONDUCTIVITY
 RT ELECTRIC CURRENT
 ELECTRICAL RESISTIVITY
 PLASMA CURRENTS

ELECTROCUTANEOUS COMMUNICATION

GS COMMUNICATING
 . **ELECTROCUTANEOUS COMMUNICATION**
 RT PERCEPTION
 SENSORY PERCEPTION
 TOUCH

ELECTRODE FILM BARRIERS

RT ∞ BARRIERS
 ELECTRODES
 ∞ FILMS
 POLARIZATION (CHARGE SEPARATION)
 THIN FILMS

ELECTRODELESS DISCHARGES

GS ELECTRIC CURRENT
 . ELECTRIC DISCHARGES
 . . **ELECTRODELESS DISCHARGES**
 RT ∞ DISCHARGE
 GAS DISCHARGES
 GLOW DISCHARGES
 LIGHTNING
 PENNING DISCHARGE
 RADIO FREQUENCY DISCHARGE
 RING DISCHARGE
 TOROIDAL DISCHARGE
 TOWNSEND DISCHARGE

ELECTRODEPOSITION

GS DEPOSITION
 . **ELECTRODEPOSITION**
 . . ELECTROPLATING
 RT CATHODIC COATINGS
 CELL CATHODES
 COULOMETERS
 ELECTROCHEMISTRY
 ELECTROFORMING
 ELECTROLESS DEPOSITION
 ELECTROLYSIS
 ELECTROLYTES
 ELECTROLYTIC CELLS
 ELECTROPHORESIS
 ELECTROWINNING
 METAL MATRIX COMPOSITES
 METAL POWDER
 PLATING
 POWDER METALLURGY
 REDUCTION (CHEMISTRY)

ELECTRODERMAL RESPONSE

USE GALVANIC SKIN RESPONSE

ELECTRODES

GS **ELECTRODES**
 . ANODES
 . . CELL ANODES
 . . TUBE ANODES
 . CATHODES
 . . CELL CATHODES
 . . HOLLOW CATHODES
 . . TUBE CATHODES
 . . . COLD CATHODES
 . . . HOT CATHODES
 . . . PHOTOCATHODES
 . . . THERMIONIC CATHODES
 . . . TUNNEL CATHODES

ELECTRODES-(CONT.)

. DIFFUSION ELECTRODES
 . DYNODES
 . GLASS ELECTRODES
 . IMPLANTED ELECTRODES (BIOLOGY)
 . ION SELECTIVE ELECTRODES
 . PLASMA ELECTRODES
 . SOLID ELECTRODES
 . TUBE GRIDS
 RT COLD CATHODE TUBES
 ELECTRIC BATTERIES
 ELECTROCHEMISTRY
 ELECTRODE FILM BARRIERS
 ELECTROLYSIS
 ELECTROPLATING
 ELECTROREFINING
 ELECTROWINNING
 GRAPHITE
 PHOTOMULTIPLIER TUBES
 PHOTOTUBES
 TAFEL LAW

ELECTRODIALYSIS

GS DIALYSIS
 . **ELECTRODIALYSIS**
 RT COLLOIDS
 HYDROMETALLURGY
 ∞ SEPARATION

ELECTRODISSOLUTION

RT DISSOCIATION
 ELECTROCHEMICAL CORROSION
 ELECTROCHEMISTRY
 ELECTROLYSIS

ELECTRODYNAMICS

GS **ELECTRODYNAMICS**
 . ELECTROHYDRODYNAMICS
 . ELECTROMECHANICS
 . QUANTUM ELECTRODYNAMICS
 . . LIGHT-CONE EXPANSION
 RT BORN-INFELD THEORY
 ∞ DYNAMICS
 ELECTRIC FIELDS
 ELECTROMAGNETIC INTERACTIONS
 ELECTROMECHANICAL DEVICES
 LINE CURRENT
 MAXWELL EQUATION
 PONDEROMOTIVE FORCES
 TRAVELING CHARGE

ELECTRODYNAMOMETERS

USE DYNAMOMETERS

ELECTROENCEPHALOGRAM

USE ELECTROENCEPHALOGRAPHY

ELECTROENCEPHALOGRAPHY

UF EEG (ELECTROENCEPHALOGRAMS)
 ELECTROENCEPHALOGRAM
 GS BIOENGINEERING
 . BIOMETRICS
 . . **ELECTROENCEPHALOGRAPHY**
 RT AROUSAL
 BODY MEASUREMENT (BIOLOGY)
 BRAIN
 ELECTROPHYSIOLOGY
 MEDICAL ELECTRONICS
 MEDICAL EQUIPMENT

ELECTROEPITAXY

GS GROWTH
 . CRYSTAL GROWTH
 . . EPITAXY
 . . . **ELECTROEPITAXY**
 RT CRYSTALS
 HYDROTHERMAL CRYSTAL GROWTH
 LIQUID PHASES
 TRAVELING SOLVENT METHOD

ELECTROEROSION

USE SPARK MACHINING

ELECTROEXPLOSIVE DEVICES

USE INITIATORS (EXPLOSIVES)

ELECTROFORMING

GS FORMING TECHNIQUES
 . **ELECTROFORMING**
 RT DEPOSITION
 ELECTRODEPOSITION
 ELECTROLESS DEPOSITION
 ELECTROPLATING
 SPARK MACHINING

ELECTROGENERATORS

USE ELECTRIC GENERATORS

ELECTROHYDRAULIC CONTROL

USE ELECTRIC CONTROL
 HYDRAULIC CONTROL

ELECTROHYDRAULIC FORMING

GS FORMING TECHNIQUES
 . COLD WORKING
 . . **ELECTROHYDRAULIC FORMING**
 RT EXPLOSIVE FORMING
 METAL WORKING

ELECTROHYDRODYNAMICS

GS ELECTRODYNAMICS
 . **ELECTROHYDRODYNAMICS**
 FLUID MECHANICS
 . FLUID DYNAMICS
 . . HYDRODYNAMICS
 . . . **ELECTROHYDRODYNAMICS**
 . HYDROMECHANICS
 . . HYDRODYNAMICS
 . . . **ELECTROHYDRODYNAMICS**
 RT ELECTRIC CORONA
 ELECTROKINETICS
 ELECTRON GAS
 ELECTRON MOBILITY
 ION DISTRIBUTION
 IONIC MOBILITY
 MAGNETOHYDRODYNAMICS

ELECTROJETS

GS ELECTRIC CURRENT
 . IONOSPHERIC CURRENTS
 . . **ELECTROJETS**
 . . . AURORAL ELECTROJETS
 . . . EQUATORIAL ELECTROJET
 ELECTRICITY
 . ATMOSPHERIC ELECTRICITY
 . . IONOSPHERIC CURRENTS
 . . . **ELECTROJETS**
 AURORAL ELECTROJETS
 EQUATORIAL ELECTROJET
 RT GEOMAGNETISM
 IONOSPHERE
 IONOSPHERIC CONDUCTIVITY
 IONOSPHERIC DRIFT
 RING CURRENTS

ELECTROKINETICS

GS KINETICS
 . **ELECTROKINETICS**
 RT ELECTROHYDRODYNAMICS
 ELECTROMAGNETIC FIELDS
 ELECTROMECHANICS
 ELECTROPHYSICS

ELECTROLESS DEPOSITION

GS DEPOSITION
 . **ELECTROLESS DEPOSITION**
 RT COATINGS
 ELECTRODEPOSITION
 ELECTROFORMING
 METAL COATINGS
 PLATING
 VACUUM DEPOSITION
 VAPOR DEPOSITION

ELECTROLUMINESCENCE

UF ELECTROLUMINESCENT LAMPS
 GS DECAY
 . EMISSION
 . . LIGHT EMISSION
 . . . LUMINESCENCE
 **ELECTROLUMINESCENCE**
 RT ELECTRO-OPTICS
 LIGHT EMITTING DIODES
 LIGHT SOURCES

ELECTROLUMINESCENT LAMPS

USE ELECTROLUMINESCENCE
 LUMINAIRES

ELECTROLYSIS

GS ELECTROCHEMISTRY
 . **ELECTROLYSIS**
 . . COULOMETRY
 RT CORROSION
 COULOMETERS
 CRACKING (CHEMICAL ENGINEERING)
 CURRENT DENSITY
 DECOMPOSITION
 ELECTROCHEMICAL CORROSION

ELECTROLYTE METABOLISM

ELECTROLYSIS-(CONT.)

ELECTRODEPOSITION
ELECTRODES
ELECTRODISSOLUTION
ELECTROLYTES
ELECTROLYTIC CELLS
ELECTROPLATING
HYDROGEN PRODUCTION
IONIC MOBILITY
METATHESIS
PASSIVITY
PHOTOLYSIS
REDUCTION (CHEMISTRY)
TAFEL LAW

ELECTROLYTE METABOLISM

GS METABOLISM
ELECTROLYTE METABOLISM

ELECTROLYTES

GS CONDUCTORS
ELECTROLYTES
ANOLYTES
CATHOLYTES
ION EXCHANGE MEMBRANE
ELECTROLYTES
JUMPERS
MOLTEN SALT ELECTROLYTES
NONAQUEOUS ELECTROLYTES
SOLID ELECTROLYTES
RT CONDUCTING FLUIDS
DEBYE-HUCKEL THEORY
ELECTRIC BATTERIES
ELECTROCHEMISTRY
ELECTRODEPOSITION
ELECTROLYSIS
ELECTROLYTIC CELLS
ELECTROPLATING
ELECTROREFINING
ELECTROWINNING
FUEL CELLS
IONS
NONELECTROLYTES
PRIMARY BATTERIES
REDOX CELLS
STORAGE BATTERIES
WET CELLS

ELECTROLYTIC CELLS

UF GALVANIC CELLS
RT CELLS
DIAPHRAGMS
DIAPHRAGMS (MECHANICS)
DIFFUSION ELECTRODES
ELECTRIC BATTERIES
ELECTRIC CELLS
ELECTROCHEMISTRY
ELECTRODEPOSITION
ELECTROLYSIS
ELECTROLYTES
ELECTROPLATING
ELECTROREFINING
ELECTROWINNING
IONIC MOBILITY
LEAD ACID BATTERIES
NONAQUEOUS ELECTROLYTES
PHOSPHORIC ACID FUEL CELLS

ELECTROLYTIC GRINDING

USE ELECTROCHEMICAL MACHINING

ELECTROLYTIC POLARIZATION

GS POLARIZATION (CHARGE SEPARATION)
ELECTROLYTIC POLARIZATION
RT DEPOLARIZATION
MAGNESIUM CELLS

ELECTROLYTIC POLISHING

USE ELECTROPOLISHING

ELECTROMAGNETIC ABSORPTION

UF IONOSPHERIC ABSORPTION
LIGHT ABSORPTION
MAGNETIC ABSORPTION
OPTICAL ABSORPTION
PHOTON ABSORPTION
GS ELECTROMAGNETIC PROPERTIES
ELECTROMAGNETIC ABSORPTION
INFRARED ABSORPTION
ENERGY ABSORPTION
ELECTROMAGNETIC ABSORPTION
AURORAL ABSORPTION
GAMMA RAY ABSORPTION
INFRARED ABSORPTION
MULTIPHOTON ABSORPTION

ELECTROMAGNETIC ABSORPTION-(CONT.)

PHOTOABSORPTION
POLAR CAP ABSORPTION
ULTRAVIOLET ABSORPTION
X RAY ABSORPTION
RADIATION ABSORPTION
ELECTROMAGNETIC ABSORPTION
AURORAL ABSORPTION
GAMMA RAY ABSORPTION
INFRARED ABSORPTION
MULTIPHOTON ABSORPTION
PHOTOABSORPTION
POLAR CAP ABSORPTION
ULTRAVIOLET ABSORPTION
X RAY ABSORPTION
RT ABSORBERS (MATERIALS)
ABSORPTANCE
ABSORPTION
ABSORPTION SPECTRA
ABSORPTIVITY
ACTIVATION
ATMOSPHERIC ATTENUATION
ATTENUATION
BEER LAW
BOUGUER LAW
CHANDRASEKHAR EQUATION
EXCITATION
FADING
FLUORESCENCE
GAMMA RAY ABSORPTOMETRY
IRRADIATION
LIGHT SCATTERING
MANDELSTAM REPRESENTATION
MOLECULAR ABSORPTION
MOSSBAUER EFFECT
NUCLEAR PHYSICS
OPACITY
OPTICAL PROPERTIES
OPTICAL REFLECTION
PAIR PRODUCTION
PHOTODECOMPOSITION
PHOTODISSOCIATION
PHOTON ABSORPTOMETRY
PHOTOPRODUCTION
RADAR ABSORBERS
RADAR ATTENUATION
RADIATION SHIELDING
RADIO ATTENUATION
REFLECTION
RESONANT FREQUENCIES
SIGNAL FADING
SOLAR ENERGY ABSORBERS
TOWNSEND AVALANCHE
TRANSMISSION
TRANSMITTANCE
TRANSPARENCY
WAVE ATTENUATION
WAVE PROPAGATION

ELECTROMAGNETIC ACCELERATION

RT ELECTROMAGNETIC INTERACTIONS
MAGNETIC FIELDS
PARTICLE ACCELERATION
PLASMA ACCELERATORS

ELECTROMAGNETIC COMPATIBILITY

GS COMPATIBILITY
ELECTROMAGNETIC COMPATIBILITY
RT ATMOSPHERICS
CROSSTALK
ELECTRONIC COUNTERMEASURES
ELECTRONIC WARFARE
INTERFERENCE
NOISE SPECTRA
RADIO FREQUENCY INTERFERENCE

ELECTROMAGNETIC CONTROL

USE ELECTROMAGNETS
REMOTE CONTROL

ELECTROMAGNETIC DEDUCTION

USE MAGNETIC INDUCTION

ELECTROMAGNETIC ENVIRONMENT EXPERIMENT

GS PAYLOADS
SPACE SHUTTLE PAYLOADS
ELECTROMAGNETIC ENVIRONMENT
EXPERIMENT

ELECTROMAGNETIC FIELDS

GS ELECTROMAGNETIC FIELDS
FAR FIELDS
NEAR FIELDS
SYSTEM GENERATED
ELECTROMAGNETIC PULSES

NASA THESAURUS (VOLUME 1)

ELECTROMAGNETIC FIELDS-(CONT.)

RT ABRIKOSOV THEORY
BIOMAGNETISM
BLACKOUT (PROPAGATION)
ELECTROKINETICS
ELECTROMAGNETISM
ELECTROMECHANICS
EXTERNAL SURFACE CURRENTS
FIELD STRENGTH
FIELD THEORY (PHYSICS)
MAGNETIC FIELD CONFIGURATIONS
MAGNETIC FIELD INVERSIONS
MAGNETIC FIELDS
QUANTUM ELECTRODYNAMICS
RECIPROCITY THEOREM
SOLAR MAGNETIC FIELD
SOMMERFELD APPROXIMATION
STELLAR MAGNETIC FIELDS
WHISTLERS
YANG-MILLS FIELDS

ELECTROMAGNETIC HAMMERS

GS HAMMERS
ELECTROMAGNETIC HAMMERS
RT FORMING TECHNIQUES
MAGNETIC COILS
MAGNETIC FORMING
METAL WORKING

ELECTROMAGNETIC INTERACTIONS

GS ELECTROMAGNETIC INTERACTIONS
PLASMA-ELECTROMAGNETIC
INTERACTION
RT BIOMAGNETISM
ELECTRODYNAMICS
ELECTROMAGNETIC ACCELERATION
ELECTROSTATICS
ELEMENTARY PARTICLE INTERACTIONS
FEYNMAN DIAGRAMS
INTERACTIONS
MESON-MESON INTERACTIONS
PLASMA INTERACTIONS
PLASMA RESONANCE
PLASMA-PARTICLE INTERACTIONS
QUANTUM MECHANICS
WAVE INTERACTION

ELECTROMAGNETIC INTERFERENCE

GS ELECTROMAGNETIC INTERFERENCE
CROSSTALK
IONOSPHERIC CROSS MODULATION
JAMMING
RADIO FREQUENCY INTERFERENCE
BLACKOUT (PROPAGATION)
ELECTROMAGNETIC NOISE
ATMOSPHERICS
IONOSPHERICS
DAWN CHORUS
HISS
SUDDEN ENHANCEMENT OF
ATMOSPHERICS
WHISTLERS
COSMIC NOISE
IONOSPHERIC NOISE
WHISTLERS
SHOT NOISE
WHITE NOISE
THERMAL NOISE
IONOSPHERIC CROSS MODULATION
POLAR RADIO BLACKOUT
CHIRP
CHIRP SIGNALS
RT DISTURBANCES
ELECTRONIC COUNTERMEASURES
ELECTRONIC WARFARE
ENVIRONMENTS
FEEDBACK
GROUND EFFECT (COMMUNICATIONS)
INTERFERENCE
NOISE REDUCTION
SCATHA SATELLITE
SIGNAL TO NOISE RATIOS
SYSTEM GENERATED
ELECTROMAGNETIC PULSES

ELECTROMAGNETIC MEASUREMENT

SN (MEASUREMENT OF ELECTROMAGNETIC
PROPERTIES, QUANTITIES OR
CONDITIONS)
GS ELECTROMAGNETIC MEASUREMENT
ELECTROMAGNETIC NOISE
MEASUREMENT
RT BARKHAUSEN EFFECT
EARTH TERMINAL MEASUREMENT
SYSTEM

ELECTROMAGNETIC MEASUREMENT-(CONT.)

ELECTRICAL MEASUREMENT
ELECTROMAGNETISM
INFRARED DETECTORS
MAGNETIC MEASUREMENT
MAGNETIC TRANSDUCERS
∞ MEASUREMENT

ELECTROMAGNETIC NOISE

UF RADIATION NOISE
RADIO FREQUENCY NOISE
GS ELECTROMAGNETIC INTERFERENCE
RADIO FREQUENCY INTERFERENCE
BLACKOUT (PROPAGATION)
ELECTROMAGNETIC NOISE
ATMOSPHERICS
IONOSPHERICS
DAWN CHORUS
HISS
SUDDEN ENHANCEMENT OF
ATMOSPHERICS
WHISTLERS
COSMIC NOISE
IONOSPHERIC NOISE
WHISTLERS
SHOT NOISE
WHITE NOISE
THERMAL NOISE
RT BACKGROUND NOISE
BACKGROUND RADIATION
CHANNEL NOISE
CHIRP SIGNALS
EXTRATERRESTRIAL RADIATION
GROUND EFFECT (COMMUNICATIONS)
MICROWAVES
MILLIMETER WAVES
∞ NOISE
NOISE GENERATORS
NOISE INTENSITY
NOISE REDUCTION
NOISE SPECTRA
NOISE STORMS
NOISE TEMPERATURE
RADAR RECEIVERS
RADIO RECEIVERS
RADIO SPECTRA
RADIO WAVES
RANDOM NOISE
SIGNAL TO NOISE RATIOS
SOLAR RADIO EMISSION
SQUELCH CIRCUITS
SUBMILLIMETER WAVES

ELECTROMAGNETIC NOISE MEASUREMENT

GS ELECTROMAGNETIC MEASUREMENT
ELECTROMAGNETIC NOISE
MEASUREMENT
RT COSMIC NOISE
∞ MEASUREMENT
THERMAL NOISE
WHITE NOISE

ELECTROMAGNETIC PROPAGATION

USE ELECTROMAGNETIC WAVE
TRANSMISSION

ELECTROMAGNETIC PROPERTIES

GS ELECTROMAGNETIC PROPERTIES
ELECTRICAL PROPERTIES
ANTIFERROELECTRICITY
CAPACITANCE
DIELECTRIC PROPERTIES
PERMITTIVITY
FERROELECTRICITY
INDUCTANCE
PROXIMITY EFFECT (ELECTRICITY)
PHOTOCONDUCTIVITY
PHOTOVOLTAIC EFFECT
ELECTROMAGNETIC ABSORPTION
INFRARED ABSORPTION
FARADAY EFFECT
KERR MAGNETOOPTICAL EFFECT
OPTICAL PROPERTIES
ABSORPTANCE
ABSORPTIVITY
BIREFRINGENCE
BRIGHTNESS
SOLAR GRANULATION
BRIGHTNESS DISTRIBUTION
COLOR
IRIDESCENCE
WATER COLOR
DICHROISM
LUMINOSITY
STELLAR LUMINOSITY

ELECTROMAGNETIC PROPERTIES-(CONT.)

OPACITY
OPTICAL REFLECTION
PHOSPHORESCENCE
PHOTOCONDUCTIVITY
PHOTOELECTRIC EFFECT
PHOTOIONIZATION
PHOTOELECTRIC EMISSION
PHOTOVISCOELASTICITY
PHOTOVOLTAIC EFFECT
RADIANCE
REFLECTANCE
REFRACTIVITY
SKY BRIGHTNESS
STIGMATISM
TRANSLUCENCE
TRANSMISSIVITY
TRANSMITTANCE
TRANSPARENCE
TURBIDITY
PHOTOELASTICITY
PHOTOVISCOELASTICITY

RT CLARITY
GAMMA RAY ABSORPTION
MAGNETIC PROPERTIES
∞ PHYSICAL PROPERTIES
SPECTRAL REFLECTANCE

ELECTROMAGNETIC PROPULSION

GS PROPULSION
ELECTRIC PROPULSION
ELECTROMAGNETIC PROPULSION
LOW THRUST PROPULSION
ELECTROMAGNETIC PROPULSION
SPACECRAFT PROPULSION
ELECTROMAGNETIC PROPULSION
MASS DRIVERS (PAYLOAD
DELIVERY)
RT ELECTROSTATIC PROPULSION
ION PROPULSION
PHOTONIC PROPULSION
PLASMA PROPULSION

ELECTROMAGNETIC PULSES

GS ELECTROMAGNETIC RADIATION
ELECTROMAGNETIC PULSES
SYSTEM GENERATED
ELECTROMAGNETIC PULSES
PULSED RADIATION
ELECTROMAGNETIC PULSES
SYSTEM GENERATED
ELECTROMAGNETIC PULSES
PULSES
ELECTROMAGNETIC PULSES
SYSTEM GENERATED
ELECTROMAGNETIC PULSES
RT ELECTRIC PULSES
EXTERNAL SURFACE CURRENTS
PICOSECOND PULSES
PULSE COMMUNICATION
PULSE MODULATION
PULSE RADAR
RADAR TRANSMISSION

ELECTROMAGNETIC PUMPS

SN (ENCOMPASSES DEVICES FOR
MATERIALS HANDLING ONLY--EXCLUDES
OPTICAL AND PARTICLE ENERGIZING
DEVICES)
GS PUMPS
ELECTROMAGNETIC PUMPS
RT FUEL PUMPS

ELECTROMAGNETIC RADIATION

UF ELECTROMAGNETIC WAVES
WAVE RADIATION
GS ELECTROMAGNETIC RADIATION
BLACK BODY RADIATION
BREMSSTRAHLUNG
CERENKOV RADIATION
COHERENT ELECTROMAGNETIC
RADIATION
COHERENT LIGHT
COMET TAILS
CYCLOTRON RADIATION
ELECTROMAGNETIC PULSES
SYSTEM GENERATED
ELECTROMAGNETIC PULSES
ELECTROMAGNETIC SURFACE WAVES
GAMMA RAY BEAMS
GAMMA RAYS
GAMMA RAY BURSTS
H WAVES
INFRARED RADIATION
FAR INFRARED RADIATION

ELECTROMAGNETIC RADIATION-(CONT.)

NEAR INFRARED RADIATION
KILOMETRIC WAVES
LIGHT (VISIBLE RADIATION)
COHERENT LIGHT
GEGENSCHNEIN
LIGHT BEAMS
POLARIZED LIGHT
SKY RADIATION
AIRGLOW
GEOCORONAL EMISSIONS
NIGHTGLOW
TWILIGHT GLOW
DAYGLOW
SUNLIGHT
ZODIACAL LIGHT
MODULATED CONTINUOUS RADIATION
MONOCHROMATIC RADIATION
NONEQUILIBRIUM RADIATION
PHOTON BEAMS
LIGHT BEAMS
PLANETARY RADIATION
POLARIZED ELECTROMAGNETIC
RADIATION
POLARIZED LIGHT
SYNCHROTRON RADIATION
RADIO WAVES
DECA-METRIC WAVES
EXTRATERRESTRIAL RADIO WAVES
GALACTIC RADIO WAVES
RADIO BURSTS
SOLAR RADIO BURSTS
TYPE 2 BURSTS
TYPE 3 BURSTS
TYPE 4 BURSTS
TYPE 5 BURSTS
SOLAR RADIO EMISSION
SOLAR RADIO BURSTS
TYPE 2 BURSTS
TYPE 3 BURSTS
TYPE 4 BURSTS
TYPE 5 BURSTS
LONG WAVE RADIATION
RADIO EMISSION
CN EMISSION
HYDROXYL EMISSION
RADIO BURSTS
SOLAR RADIO BURSTS
TYPE 2 BURSTS
TYPE 3 BURSTS
TYPE 4 BURSTS
TYPE 5 BURSTS
SOLAR RADIO EMISSION
SOLAR RADIO BURSTS
TYPE 2 BURSTS
TYPE 3 BURSTS
TYPE 4 BURSTS
TYPE 5 BURSTS
SHORT WAVE RADIATION
MICROWAVES
CENTIMETER WAVES
DECIMETER WAVES
MICROWAVE EMISSION
MILLIMETER WAVES
SUBMILLIMETER WAVES
SKY WAVES
SOMMERFELD WAVES
TERRESTRIAL RADIATION
THERMAL RADIATION
PHONON BEAMS
TROPOSPHERIC RADIATION
ULTRAVIOLET RADIATION
EXTREME ULTRAVIOLET RADIATION
FAR ULTRAVIOLET RADIATION
LYMAN ALPHA RADIATION
LYMAN BETA RADIATION
NEAR ULTRAVIOLET RADIATION
X RAYS
COSMIC X RAYS
SOLAR X-RAYS
RT AEROSPACE ENVIRONMENTS
ANTENNAS
ATMOSPHERIC RADIATION
ATMOSPHERIC REFRACTION
BACKWARD WAVES
BEAMS (RADIATION)
CN EMISSION
COHERENT RADIATION
CONTINUOUS RADIATION
CORPUSCULAR RADIATION
COSMIC RAYS
CYLINDRICAL WAVES
DIFFRACTION
DOPPLER EFFECT
DUOCHROMATORS
ELECTROACOUSTIC WAVES

ELECTROMAGNETIC RADIATION-(CONT.)

ELECTROMAGNETISM
 EXTRATERRESTRIAL RADIATION
 FAR FIELDS
 FLUX (RATE)
 FLUX DENSITY
 GALACTIC RADIATION
 GAMMA RAY ABSORPTION
 GAMMA RAY TELESCOPES
 GAUGE INVARIANCE
 GLARE
 HARMONIC RADIATION
 INCIDENT RADIATION
 INCOHERENT SCATTERING
 INTERSTELLAR RADIATION
 IONIZING RADIATION
 KERR ELECTROOPTICAL EFFECT
 LIGHT EMISSION
 MAGNETO-OPTICS
 NEAR FIELDS
 NONLINEAR OPTICS
 NUCLEAR RADIATION
 PHASE VELOCITY
 PHOTONS
 PLANCKS CONSTANT
 POLARIZED RADIATION
 POYNTING THEOREM
 ∞ PROPAGATION
 PROPAGATION VELOCITY
 PULSED RADIATION
 RADAR
 ∞ RADIATION
 RADIATION CHEMISTRY
 RADIATION DISTRIBUTION
 RADIATION HAZARDS
 RADIATION LAWS
 RADIATION PRESSURE
 RADIATION SOURCES
 RADIATIVE TRANSFER
 ∞ RAYS
 REFLECTED WAVES
 REFLECTION
 REFRACTED WAVES
 RONCHI TEST
 SCATTERING
 SINE WAVES
 SOLAR RADIATION
 SOLITARY WAVES
 SPECTRAL EMISSION
 SPECTRAL ENERGY DISTRIBUTION
 SPHERICAL WAVES
 SPONTANEOUS EMISSION
 STEFAN-BOLTZMANN LAW
 STELLAR RADIATION
 STRATOSPHERE RADIATION
 TELECOMMUNICATION
 THOMSON SCATTERING
 TRANSMISSION
 TRANSVERSE WAVES
 TRAVELING WAVES
 ULTRAVIOLET ASTRONOMY
 VLF EMISSION RECORDERS
 WAVE AMPLIFICATION
 WAVE DISPERSION
 WAVE GENERATION
 ∞ WAVES
 WHITE HOLES (ASTRONOMY)

ELECTROMAGNETIC SCATTERING

GS SCATTERING
 . WAVE SCATTERING
 . . . **ELECTROMAGNETIC SCATTERING**
 . . . IONOSPHERIC F-SCATTER
 PROPAGATION
 . . . LIGHT SCATTERING
 . . . HALOS
 . . . MICROWAVE SCATTERING
 . . . MIE SCATTERING
 . . . RAYLEIGH SCATTERING
 . . . RAMAN SPECTRA
 . . . THOMSON SCATTERING
 . . . X RAY SCATTERING
 RT ATMOSPHERIC ATTENUATION
 ATMOSPHERIC SCATTERING
 MAGNETIC DISPERSION
 RECIPROCITY THEOREM

ELECTROMAGNETIC SHIELDING

GS SHIELDING
 . **ELECTROMAGNETIC SHIELDING**
 . . RADIO FREQUENCY SHIELDING
 RT MAGNETIC SHIELDING
 RADIATION SHIELDING

ELECTROMAGNETIC SPECTRA

GS SPECTRA
 . RADIATION SPECTRA
 . . **ELECTROMAGNETIC SPECTRA**
 . . . GAMMA RAY SPECTRA
 . . . INFRARED SPECTRA
 . . . LINE SPECTRA
 . . . BALMER SERIES
 . . . D LINES
 . . . ELECTRONIC SPECTRA
 . . . FRAUNHOFER LINES
 . . . H LINES
 . . . H ALPHA LINE
 . . . H BETA LINE
 . . . H GAMMA LINE
 . . . K LINES
 . . . LYMAN SPECTRA
 . . . PASCHEN SERIES
 . . . RYDBERG SERIES
 . . . TELLURIC LINES
 . . . RADIO SPECTRA
 . . . MICROWAVE SPECTRA
 . . . RAMAN SPECTRA
 . . . STELLAR SPECTRA
 . . . SOLAR SPECTRA
 . . . UBV SPECTRA
 . . . ULTRAVIOLET SPECTRA
 . . . VIBRATIONAL SPECTRA
 . . . VISIBLE SPECTRUM
 . . . X RAY SPECTRA
 RT ABSORPTION SPECTRA
 ASTRONOMICAL SPECTROSCOPY
 ELECTRONIC WARFARE
 EMISSION SPECTRA
 ENERGY SPECTRA
 LIGHT (VISIBLE RADIATION)
 MOLECULAR SPECTRA
 NOISE SPECTRA
 SPECTRAL CORRELATION
 SPECTRAL RECONNAISSANCE

ELECTROMAGNETIC SURFACE WAVES

GS ELECTROMAGNETIC RADIATION
 . **ELECTROMAGNETIC SURFACE WAVES**
 SURFACE WAVES
 RT . **ELECTROMAGNETIC SURFACE WAVES**
 DIELECTRICS
 PROPAGATION MODES
 RADIO WAVES
 WAVEGUIDES
 ∞ WAVES

ELECTROMAGNETIC WAVE FILTERS

GS **ELECTROMAGNETIC WAVE FILTERS**
 . BANDPASS FILTERS
 . . CRYSTAL FILTERS
 . . TRACKING FILTERS
 . . ELECTRIC FILTERS
 . . CRYSTAL FILTERS
 . . DIGITAL FILTERS
 . . FIR FILTERS
 . . MICROWAVE FILTERS
 . . RADAR FILTERS
 . . RADIO FILTERS
 . . TRACKING FILTERS
 . . WAVEGUIDE FILTERS
 . . MATCHED FILTERS
 . . OPTICAL FILTERS
 . . BIREFRINGENT FILTERS
 . . INFRARED FILTERS
 . . ULTRAVIOLET FILTERS
 RT ABSORBERS (MATERIALS)
 ADAPTIVE FILTERS
 ATTENUATORS
 CORRELATION DETECTION
 ∞ FILTERS
 HIGH PASS FILTERS
 LINEAR FILTERS
 LOW PASS FILTERS
 NONLINEAR FILTERS
 SCREEN EFFECT

ELECTROMAGNETIC WAVE TRANSMISSION

UF ELECTROMAGNETIC PROPAGATION
 GS TRANSMISSION
 . **ELECTROMAGNETIC WAVE TRANSMISSION**
 . . LIGHT TRANSMISSION
 . . LIGHT SCATTERING
 . . . HALOS
 . . . RADAR TRANSMISSION
 . . . RADIO TRANSMISSION
 . . . DOUBLE SIDEBAND TRANSMISSION
 . . . IONOSPHERIC PROPAGATION

ELECTROMAGNETIC WAVE-(CONT.)

. . . IONOSPHERIC F-SCATTER
 PROPAGATION
 . . . MICROWAVE ATTENUATION
 . . . MICROWAVE TRANSMISSION
 . . . MULTIPATH TRANSMISSION
 . . . SHORT WAVE RADIO
 TRANSMISSION
 . . . SINGLE SIDEBAND TRANSMISSION
 . . . SPREAD SPECTRUM TRANSMISSION
 . . . TRANSEQUATORIAL PROPAGATION
 . . . TRANSHORIZON RADIO
 PROPAGATION
 . . SCATTER PROPAGATION
 . . . IONOSPHERIC F-SCATTER
 PROPAGATION
 . . TELEVISION TRANSMISSION
 RT ATMOSPHERIC ATTENUATION
 ATTENUATION
 FERMAT PRINCIPLE
 INCOHERENT SCATTERING
 LOSSY MEDIA
 MAGNETOIONICS
 PLASMA DECAY
 PLASMA GUIDES
 RADAR ATTENUATION
 RADIO ATTENUATION
 RADOME MATERIALS
 SCREEN EFFECT
 TRANSMISSION EFFICIENCY
 WAVE PROPAGATION

ELECTROMAGNETIC WAVES

USE ELECTROMAGNETIC RADIATION

ELECTROMAGNETICS

USE ELECTROMAGNETISM

ELECTROMAGNETISM

UF ELECTROMAGNETICS
 GS **ELECTROMAGNETISM**
 . MAGNETOSTATICS
 RT BARKHAUSEN EFFECT
 ELECTRIC FIELDS
 ELECTRICITY
 ELECTROMAGNETIC FIELDS
 ELECTROMAGNETIC MEASUREMENT
 ELECTROMAGNETIC RADIATION
 ELECTROMAGNETS
 ELECTROPHYSICS
 MAGNET COILS
 MAGNETIC COILS
 MAGNETIC FIELD INVERSIONS
 MAGNETIC FIELDS
 MAGNETIC PROPERTIES
 MAGNETORESISTIVITY

ELECTROMAGNETS

UF ELECTROMAGNETIC CONTROL
 GS MAGNETS
 . **ELECTROMAGNETS**
 . . HIGH FIELD MAGNETS
 . . SUPERCONDUCTING MAGNETS
 RT ELECTROMAGNETISM
 FIELD COILS
 MAGNET COILS
 RACETRACKS (PARTICLE
 ACCELERATORS)
 SOLENOIDS

ELECTROMECHANICAL DEVICES

RT ∞ ELECTRIC EQUIPMENT
 ELECTRODYNAMICS
 ELECTROMECHANICS
 ∞ EQUIPMENT
 HOMOPOLAR GENERATORS

ELECTROMECHANICS

GS ELECTRODYNAMICS
 . **ELECTROMECHANICS**
 RT CIRCUITS
 ELECTRIC FIELDS
 ELECTROKINETICS
 ELECTROMAGNETIC FIELDS
 ELECTROMECHANICAL DEVICES
 ELECTROSTATICS
 MAGNETIC FIELD INVERSIONS
 MAGNETIC FIELDS
 MAXWELL EQUATION
 ∞ MECHANICS (PHYSICS)

ELECTROMETERS

GS MEASURING INSTRUMENTS
 . **ELECTROMETERS**
 RT ELECTRIC CHARGE

ELECTROMETERS-(CONT.)

ELECTRICAL MEASUREMENT
ELECTRON COUNTERS
GALVANOMETERS
POTENTIOMETERS (INSTRUMENTS)
VOLTMETERS
WATTMETERS

ELECTROMIGRATION

RT ELECTRICAL RESISTIVITY
ELECTRON MOBILITY
HOLE MOBILITY
IONIC MOBILITY
POLARIZATION (CHARGE SEPARATION)
THERMOMIGRATION

ELECTROMOTIVE FORCES

GS **ELECTROMOTIVE FORCES**
PONDEROMOTIVE FORCES
RT ELECTRIC BATTERIES
ELECTRIC GENERATORS
ELECTRIC POTENTIAL
OHMS LAW
OPEN CIRCUIT VOLTAGE

ELECTROMYOGRAMS

USE ELECTROMYOGRAPHY

ELECTROMYOGRAPHS

USE ELECTROMYOGRAPHY

ELECTROMYOGRAPHY

UF ELECTROMYOGRAMS
ELECTROMYOGRAPHS
GS BIOENGINEERING
BIOMETRICS
RT **ELECTROMYOGRAPHY**
ELECTROPHYSIOLOGY
MEDICAL ELECTRONICS
MYOELECTRICITY

ELECTRON ACCELERATION

GS RATES (PER TIME)
ACCELERATION (PHYSICS)
RT **ELECTRON ACCELERATION**
COSMIC RAYS
ELECTRONS
EXTRATERRESTRIAL RADIATION
PARTICLE BEAMS
SOLAR COSMIC RAYS

ELECTRON ACCELERATORS

GS PARTICLE ACCELERATORS
ELECTRON ACCELERATORS
BETATONS
RT ACCELERATORS
LINEAR ACCELERATORS
SYNCHROTRONS
VAN DE GRAAFF ACCELERATORS

ELECTRON ATTACHMENT

GS **ELECTRON ATTACHMENT**
NUCLEOPHILES
RT GAS IONIZATION
IONIZATION

ELECTRON AVALANCHE

GS AVALANCHES
ELECTRON AVALANCHE
RT CATT DEVICES
CHANNEL MULTIPLIERS
FREE ELECTRONS
GAS DISCHARGES
TOWNSEND AVALANCHE

ELECTRON BEAM WELDING

GS WELDING
ELECTRIC WELDING
RT **ELECTRON BEAM WELDING**
ARC WELDING
SPIKING

ELECTRON BEAMS

GS BEAMS (RADIATION)
PARTICLE BEAMS
ELECTRON BEAMS
RELATIVISTIC ELECTRON BEAMS
PARTICLES
CORPUSCULAR RADIATION
ELECTRON RADIATION
RT **ELECTRON BEAMS**
RELATIVISTIC ELECTRON BEAMS
BEAM INJECTION
BEAM NEUTRALIZATION

ELECTRON BEAMS-(CONT.)

BEAM PLASMA AMPLIFIERS
BETA PARTICLES
BRILLOUIN FLOW
ELECTRON CYCLOTRON HEATING
IONIZING RADIATION
MAGNETIC LENSES
MONOSCOPES
PLASMA JETS
SCALLOPING

ELECTRON BOMBARDMENT

RT DEPOSITION
PARTICLE BEAMS
PLASMA JETS
RELATIVISTIC ELECTRON BEAMS
SPUTTERING

ELECTRON BUNCHING

GS BUNCHING
RT **ELECTRON BUNCHING**
CATCHERS
CONVECTION CURRENTS
KLYSTRONS
TRAVELING WAVE TUBES
VELOCITY MODULATION

ELECTRON CAPTURE

GS NUCLEAR REACTIONS
NUCLEAR INTERACTIONS
NUCLEAR CAPTURE
ELECTRON CAPTURE
SPIN-ORBIT INTERACTIONS
ELECTRON CAPTURE
PARTICLE INTERACTIONS
ELEMENTARY PARTICLE
INTERACTIONS
NUCLEAR CAPTURE
ELECTRON CAPTURE
NUCLEAR INTERACTIONS
NUCLEAR CAPTURE
ELECTRON CAPTURE
SPIN-ORBIT INTERACTIONS
ELECTRON CAPTURE
SPIN
SPIN-ORBIT INTERACTIONS
ELECTRON CAPTURE
CAPTURE EFFECT
RT

ELECTRON CLOUDS

GS CLOUDS
ELECTRON CLOUDS
RT ORBITRONS
SPACE CHARGE

ELECTRON COLLISIONS

USE ELECTRON SCATTERING

ELECTRON COMPOUNDS

USE INTERMETALLICS

ELECTRON COUNTERS

UF ELECTRON DETECTORS
GS MEASURING INSTRUMENTS
COUNTERS
RADIATION COUNTERS
ELECTRON COUNTERS
RADIATION MEASURING INSTRUMENTS
RADIATION COUNTERS
ELECTRON COUNTERS
RT ELECTROMETERS
IONIZATION CHAMBERS

ELECTRON CYCLOTRON HEATING

GS HEATING
PLASMA HEATING
RT **ELECTRON CYCLOTRON HEATING**
ELECTRON BEAMS
ELECTRON GUNS
KLYSTRONS
MAGNETIC PUMPING

ELECTRON DECAY RATE

GS RATES (PER TIME)
DECAY RATES
RT **ELECTRON DECAY RATE**
MUONS
SECONDARY COSMIC RAYS

ELECTRON DENSITY (CONCENTRATION)

GS DENSITY (NUMBER/VOLUME)
PARTICLE DENSITY (CONCENTRATION)
ELECTRON DENSITY
(CONCENTRATION)

ELECTRON DENSITY (CONCENTRATION)-(CONT.)

CARRIER DENSITY (SOLID STATE)
ELECTRON DENSITY PROFILES
IONOSPHERIC ELECTRON DENSITY
MAGNETOSPHERIC ELECTRON
DENSITY
RT ATMOSPHERIC COMPOSITION
ATMOSPHERIC DENSITY
ATOM CONCENTRATION
FREE ELECTRONS
ION DENSITY (CONCENTRATION)
PLASMA DENSITY
PLASMA FREQUENCIES
RADIATION BELTS
SEMICONDUCTORS (MATERIALS)
SPACE DENSITY

ELECTRON DENSITY PROFILES

GS DENSITY (NUMBER/VOLUME)
PARTICLE DENSITY (CONCENTRATION)
ELECTRON DENSITY
(CONCENTRATION)
ELECTRON DENSITY PROFILES
ELECTRON DISTRIBUTION
ELECTRON DENSITY PROFILES
DISTRIBUTION (PROPERTY)
ELECTRON DISTRIBUTION
ELECTRON DENSITY PROFILES
GRADIENTS
RT **ELECTRON DENSITY PROFILES**
ANGULAR DISTRIBUTION
ATMOSPHERIC ELECTRICITY
ATMOSPHERIC IONIZATION

ELECTRON DETECTORS

USE ELECTRON COUNTERS

ELECTRON DIFFRACTION

GS DIFFRACTION
ELECTRON DIFFRACTION
RT BRAGG ANGLE
X RAY DIFFRACTION

ELECTRON DIFFUSION

GS DIFFUSION
PARTICLE DIFFUSION
ELECTRON DIFFUSION
RT AMBIPOLAR DIFFUSION
DIFFUSION WAVES
GASEOUS SELF-DIFFUSION
IONIC DIFFUSION
PLASMA DIFFUSION
THERMAL DIFFUSION

ELECTRON DISTRIBUTION

GS DENSITY (NUMBER/VOLUME)
PARTICLE DENSITY (CONCENTRATION)
ELECTRON DISTRIBUTION
ELECTRON DENSITY PROFILES
DISTRIBUTION (PROPERTY)
ELECTRON DISTRIBUTION
RT **ELECTRON DISTRIBUTION**
ELECTRON DENSITY PROFILES
CHARGE DISTRIBUTION
CURRENT DISTRIBUTION
THOMAS-FERMI MODEL
VERTICAL DISTRIBUTION

ELECTRON EMISSION

GS DECAY
EMISSION
PARTICLE EMISSION
ELECTRON EMISSION
FIELD EMISSION
PHOTOELECTRIC EMISSION
SECONDARY EMISSION
RT CATHODES
ELECTRIC DISCHARGES
EMITTERS
PAIR PRODUCTION
PHOTOELECTRIC MATERIALS
PHOTOELECTRON SPECTROSCOPY
PHOTOELECTRONS
PHOTOIONIZATION
PHOTOVOLTAIC EFFECT
RADIO FREQUENCY DISCHARGE
SELF SUSTAINED EMISSION
STIMULATED EMISSION
THERMAL EMISSION
THERMIONIC EMISSION
THERMIONICS
WORK FUNCTIONS

ELECTRON ENERGY

UF ELECTRON TEMPERATURE
ELECTRONIC LEVELS

ELECTRON FLUX

ELECTRON ENERGY-(CONT.)

- GS PARTICLE ENERGY
- . ELECTRON ENERGY
- . . . ELECTRON STATES
- RT ACTIVATION ENERGY
- ELECTROSTATIC PROBES
- ∞ ENERGY
- FORBIDDEN BANDS
- HARTREE-FOCK-SLATER METHOD
- INTERFACIAL ENERGY
- IONOSPHERIC TEMPERATURE
- KINETIC ENERGY
- NOISE TEMPERATURE
- PLASMAS (PHYSICS)
- PROTON ENERGY
- SPACE TEMPERATURE
- SURFACE ENERGY
- TEMPERATURE

ELECTRON FLUX

- USE ELECTRONS
- FLUX (RATE)

ELECTRON FLUX DENSITY

- SN (ELECTRON EMISSION OR DETECTION
- RATE PER UNIT AREA)
- UF ELECTRON INTENSITY
- GS RATES (PER TIME)
- . FLUX DENSITY
- . . RADIANT FLUX DENSITY
- . . . PARTICLE FLUX DENSITY
- ELECTRON FLUX DENSITY
- RT IRRADIANCE
- RADIANCE
- SOLAR FLUX DENSITY

ELECTRON GAS

- RT COSMIC GASES
- ELECTROHYDRODYNAMICS
- FREE ELECTRONS
- IONIZED GASES
- PLASMONS
- RAREFIED GASES
- SCREEN EFFECT
- SUPERCONDUCTORS

ELECTRON GUNS

- RT CATHODE RAY TUBES
- CROSSED FIELD GUNS
- ELECTRON CYCLOTRON HEATING
- FLYING SPOT SCANNERS
- ∞ GUNS
- MAGNETIC LENSES
- PARTICLE ACCELERATORS
- PLASMA GUNS
- TUBE ANODES
- TUBE CATHODES
- TUBE GRIDS

ELECTRON IMPACT

- GS IMPACT
- . ELECTRON IMPACT
- RT ION IMPACT
- POINT IMPACT
- PROTON IMPACT

ELECTRON INTENSITY

- USE ELECTRON FLUX DENSITY

ELECTRON INTERACTIONS

- USE ELECTRON SCATTERING

ELECTRON IONIZATION

- USE IONIZATION

ELECTRON IRRADIATION

- GS IRRADIATION
- . ELECTRON IRRADIATION
- RT AURORAL IRRADIATION
- ION IRRADIATION
- SECONDARY EMISSION

ELECTRON MASS

- GS MASS
- . PARTICLE MASS
- . . ELECTRON MASS
- RT ELECTRONS

ELECTRON MICROSCOPES

- GS MICROSCOPES
- . ELECTRON MICROSCOPES
- RT FIELD EMISSION
- ION MICROSCOPES
- MAGNETIC LENSES

ELECTRON MICROSCOPES-(CONT.)

- MICROANALYSIS
- OPTICAL MICROSCOPES
- PHOTOMICROGRAPHY
- REPLICAS

ELECTRON MICROSCOPY

- GS MICROSCOPY
- . ELECTRON MICROSCOPY
- RT FIELD EMISSION
- ION MICROSCOPES
- MAGNETIC LENSES
- MICROANALYSIS
- PHASE CONTRAST

ELECTRON MOBILITY

- GS MOBILITY
- . ELECTRON MOBILITY
- TRANSPORT PROPERTIES
- . CARRIER MOBILITY
- . . ELECTRON MOBILITY
- RT AMBIPOLAR DIFFUSION
- ATOMIC MOBILITIES
- CHARGE CARRIERS
- ELECTROHYDRODYNAMICS
- ELECTROMIGRATION
- HOLE MOBILITY
- MAJORITY CARRIERS
- MINORITY CARRIERS
- NDM SEMICONDUCTOR DEVICES
- SEMICONDUCTOR PLASMAS
- ∞ SOLID STATE PHYSICS
- SQUARE WELLS

ELECTRON MULTIPLIERS

- USE PHOTOMULTIPLIER TUBES

ELECTRON OPTICS

- RT BEAM SWITCHING
- BRILLOUIN FLOW
- CATHODE RAY TUBES
- ELECTRO-OPTICS
- FLYING SPOT SCANNERS
- ∞ OPTICS
- PARTICLE TRAJECTORIES
- STEERING

ELECTRON ORBITALS

- GS ORBITALS
- . ELECTRON ORBITALS
- RT EXCIMERS

ELECTRON OSCILLATIONS

- GS OSCILLATIONS
- . ELECTRON OSCILLATIONS
- RT PLASMA OSCILLATIONS
- TRANSIENT OSCILLATIONS

ELECTRON PARAMAGNETIC RESONANCE

- UF ELECTRON SPIN RESONANCE
- GS RESONANCE
- . MAGNETIC RESONANCE
- . . PARAMAGNETIC RESONANCE
- . . . ELECTRON PARAMAGNETIC RESONANCE
- RT JAHN-TELLER EFFECT

ELECTRON PATHS

- USE ELECTRON TRAJECTORIES

ELECTRON PHONON INTERACTIONS

- RT PARTICLE INTERACTIONS
- PLASMA-PARTICLE INTERACTIONS
- POLARONS
- SUPERCONDUCTIVITY
- THERMODYNAMIC COUPLING

ELECTRON PHOTOGRAPHY

- GS IMAGERY
- . ELECTRON PHOTOGRAPHY
- PHOTOGRAPHY
- . ELECTRON PHOTOGRAPHY
- RT BLACK AND WHITE PHOTOGRAPHY

ELECTRON PHOTON CASCADES

- RT BREMSSTRAHLUNG
- ∞ CASCADES
- COSMIC RAY SHOWERS
- PAIR PRODUCTION
- SECONDARY COSMIC RAYS

ELECTRON PLASMA

- GS GASES
- . IONIZED GASES

NASA THESAURUS (VOLUME 1)

ELECTRON PLASMA-(CONT.)

- . . CHARGED PARTICLES
- . . . ELECTRON PLASMA
- PARTICLES
- . CHARGED PARTICLES
- . . ENERGETIC PARTICLES
- . . . PLASMAS (PHYSICS)
- ELECTRON PLASMA
- RT HELIUM PLASMA
- HIGH TEMPERATURE PLASMAS
- LANDAU DAMPING
- METALLIC PLASMAS
- PLASMA WAVES
- PLASMA-PARTICLE INTERACTIONS
- RAREFIED PLASMAS
- RELATIVISTIC PLASMAS
- THERMAL PLASMAS

ELECTRON PRECIPITATION

- GS PARTICLE PRECIPITATION
- . ELECTRON PRECIPITATION
- PARTICLES
- . CORPUSCULAR RADIATION
- . . ELECTRON PRECIPITATION
- RT AURORAS
- ∞ PRECIPITATION
- PROTON PRECIPITATION
- RADIATION BELTS
- SECONDARY COSMIC RAYS
- TRAPPED PARTICLES

ELECTRON PRESSURE

- GS PRESSURE
- . RADIATION PRESSURE
- . . ELECTRON PRESSURE

ELECTRON PROBES

- GS MEASURING INSTRUMENTS
- . ELECTRON PROBES
- RT CHEMICAL ANALYSIS
- IRRADIATION
- MICROWAVE PLASMA PROBES
- SPECTROMETERS

ELECTRON PUMPING

- RT ENERGY TRANSFER
- EXCIMER LASERS
- GAS LASERS
- LASERS
- NUCLEAR PUMPING
- NUCLEAR RADIATION
- OPTICAL PUMPING
- POPULATION INVERSION
- ∞ PUMPING
- STIMULATED EMISSION
- STIMULATED EMISSION DEVICES

ELECTRON RADIATION

- SN (RADIATION CONSISTING OF
- ELECTRONS-- EXCLUDES
- ELECTROMAGNETIC RADIATION)
- GS PARTICLES
- . CORPUSCULAR RADIATION
- . . ELECTRON RADIATION
- . . . BETA PARTICLES
- ELECTRON BEAMS
- RELATIVISTIC ELECTRON BEAMS
- RT BREMSSTRAHLUNG
- NUCLEAR RADIATION
- PLASMA RADIATION
- PROTON IRRADIATION
- ∞ RADIATION
- RADIATION EFFECTS

ELECTRON RECOMBINATION

- GS RECOMBINATION REACTIONS
- . ELECTRON RECOMBINATION
- . . RADIATIVE RECOMBINATION
- RT ION RECOMBINATION
- NEUTRAL PARTICLES

ELECTRON RING ACCELERATORS

- USE STORAGE RINGS (PARTICLE
- ACCELERATORS)

ELECTRON RUNAWAY (PLASMA PHYSICS)

- GS SCATTERING
- . ELECTRON SCATTERING
- . . ELECTRON RUNAWAY (PLASMA
- PHYSICS)
- RT COLLISIONAL PLASMAS
- HIGH ACCELERATION
- PLASMA PHYSICS
- SCATTERING CROSS SECTIONS

ELECTRON SCATTERING

- UF ELECTRON COLLISIONS
- ELECTRON INTERACTIONS
- GS NUCLEAR REACTIONS
 - . **ELECTRON SCATTERING**
 - SCATTERING
 - . **ELECTRON SCATTERING**
 - . . CONFIGURATION INTERACTION
 - . . ELECTRON RUNAWAY (PLASMA PHYSICS)
- RT ATOMIC COLLISIONS
- DENSE PLASMAS
- ELASTIC SCATTERING
- INELASTIC SCATTERING
- ION SCATTERING
- NUCLEAR SCATTERING
- PARTICLE INTERACTIONS
- PHOTON-ELECTRON INTERACTION
- RAMSAUER EFFECT
- RECOIL IONS
- RELATIVISTIC ELECTRON BEAMS
- UMKLAPP PROCESS

ELECTRON SOURCES

- RT ∞ ENERGY SOURCES
- ION SOURCES
- ∞ POWER SUPPLIES
- RADIATION SOURCES
- ∞ SOURCES

ELECTRON SPECTROSCOPY

- GS SPECTROSCOPY
 - . **ELECTRON SPECTROSCOPY**
- RT ABSORPTION SPECTRA
- EMISSION SPECTRA
- INFRARED SPECTROSCOPY
- MOLECULAR SPECTROSCOPY
- OPTICAL EMISSION SPECTROSCOPY
- X RAY ABSORPTION

ELECTRON SPIN

- GS SPIN
 - . PARTICLE SPIN
 - . . **ELECTRON SPIN**
- RT ANGULAR MOMENTUM
- NUCLEAR SPIN
- SPIN DYNAMICS

ELECTRON SPIN RESONANCE

- USE ELECTRON PARAMAGNETIC RESONANCE

ELECTRON STATES

- GS LEVEL (QUANTITY)
- . ENERGY LEVELS
- . . **ELECTRON STATES**
- PARTICLE ENERGY
- . ELECTRON ENERGY
- . . **ELECTRON STATES**
- RT EXCIMERS
- EXCITATION
- GROUND STATE
- NOISE TEMPERATURE

ELECTRON SWEEPING

- USE SWEEP FREQUENCY

ELECTRON TELESCOPES

- USE PARTICLE TELESCOPES

ELECTRON TEMPERATURE

- USE ELECTRON ENERGY

ELECTRON TRAJECTORIES

- UF ELECTRON PATHS
- GS TRAJECTORIES
 - . PARTICLE TRAJECTORIES
 - . . **ELECTRON TRAJECTORIES**
- RT DIFFRACTION PATHS
- MAGNETIC RIGIDITY
- RADIATION BELTS

ELECTRON TRANSFER

- RT BACKWARD WAVE TUBES
- CHARGE EXCHANGE
- CHARGE TRANSFER
- OXIDATION
- TRANSFERRED ELECTRON DEVICES
- TRANSFERRING

ELECTRON TRANSITIONS

- RT ATOMIC THEORY
- AUGER EFFECT
- AUGER SPECTROSCOPY
- BALMER SERIES

ELECTRON TRANSITIONS-(CONT.)

- BAND STRUCTURE OF SOLIDS
- BOHR THEORY
- CONDUCTION BANDS
- EXCIMERS
- EXCITATION
- FORBIDDEN TRANSITIONS
- FRANCK-CONDON PRINCIPLE
- JAHN-TELLER EFFECT
- LASING
- NUCLEAR CAPTURE
- OPTICAL TRANSITION
- PASCHEN SERIES
- RYDBERG SERIES
- ∞ TRANSITION
- TRANSITION PROBABILITIES
- X RAY LASERS
- XENON FLUORIDE LASERS

ELECTRON TUBES

- GS **ELECTRON TUBES**
 - . CAMERA TUBES
 - . . IMAGE DISSECTOR TUBES
 - . . ORTHICONS
 - . . IMAGE ORTHICONS
 - . . VIDICONS
 - . . RETURN BEAM VIDICONS
 - . . THERMIONS
 - . . VACUUM TUBES
 - . . VACUUM TUBE OSCILLATORS
 - . . CATHODE RAY TUBES
 - PICTURE TUBES
 - GAS DISCHARGE TUBES
 - IGNITRONS
 - THYRATRONS
 - MICROWAVE TUBES
 - KLYSTRONS
 - MAGNETRONS
 - NIGOTRONS
 - MICROWAVE OSCILLATORS
 - PLANOTRONS
 - CARCINOTRONS
 - CELESCOPES
 - HELITRONS
 - IGNITRONS
 - THERMIONS
 - THERMIONIC DIODES
 - THYRATRONS
 - TRAVELING WAVE TUBES
 - CARCINOTRONS
 - HELITRONS
- RT CAVITY RESONATORS
- CIRCUITS
- CROSSED FIELD AMPLIFIERS
- DIODES
- FIBER OPTICS
- ∞ HEATERS
- MODULATORS
- ORBITRONS
- OSCILLATORS
- PENTODES
- RECTIFIERS
- RESONATORS
- TETRODES
- TRIODES
- TUBE GRIDS
- ∞ TUBES
- TUNNEL CATHODES
- VELOCITY MODULATION
- X RAY TUBES

ELECTRON TUNNELING

- UF TUNNEL RESISTORS
- RT ENERGY LEVELS
- MIM DIODES
- SEMICONDUCTORS (MATERIALS)
- SUPERCONDUCTIVITY
- TUNNEL DIODES
- ∞ TUNNELING

ELECTRON-HOLE DROPS

- RT CARRIER DENSITY (SOLID STATE)
- LUMINESCENCE
- MAGNETIC FIELDS
- OPTICAL PUMPING
- PHASE TRANSFORMATIONS
- PLASMA DENSITY
- PLASMA EQUILIBRIUM
- SEMICONDUCTOR PLASMAS

ELECTRON-ION RECOMBINATION

- GS RECOMBINATION REACTIONS
 - . **ELECTRON-ION RECOMBINATION**
 - . . RADIATIVE RECOMBINATION
- RT ION RECOMBINATION

ELECTRON-ION RECOMBINATION-(CONT.)
PLASMA CONTROL**ELECTRONARCOSIS**

- RT ELECTROANESTHESIA
- ELECTROPHYSIOLOGY

ELECTRONIC AIRCRAFT

- RT ∞ AIRCRAFT
- AUTOMATIC CONTROL
- ELECTRONIC COUNTERMEASURES

ELECTRONIC AMPLIFIERS

- USE AMPLIFIERS

ELECTRONIC CONTROL

- RT AUTOMATIC CONTROL
- CASCADE CONTROL
- ∞ CONTROL
- CONTROL EQUIPMENT
- CONTROLLERS
- CURRENT REGULATORS
- ELECTRIC CONTROL
- ELECTRIC SWITCHES
- FEEDBACK CONTROL
- HYDRAULIC CONTROL
- PNEUMATIC CONTROL
- REMOTE CONTROL
- TERMINAL CONFIGURED VEHICLE PROGRAM
- VOLTAGE REGULATORS

ELECTRONIC COUNTERMEASURES

- GS COUNTERMEASURES
 - . **ELECTRONIC COUNTERMEASURES**
 - . . ANTIRADAR COATINGS
 - . . CHAFF
- RT DECEPTION
- ELECTROMAGNETIC COMPATIBILITY
- ELECTROMAGNETIC INTERFERENCE
- ELECTRONIC AIRCRAFT
- ELECTRONIC WARFARE
- JAMMING
- OPTICAL COUNTERMEASURES
- RADAR DETECTION
- RADIO FREQUENCY INTERFERENCE

ELECTRONIC EQUIPMENT

- GS **ELECTRONIC EQUIPMENT**
 - . DIODES
 - . . CESIUM DIODES
 - . . CRYSTAL RECTIFIERS
 - . . PLASMA DIODES
 - . . SEMICONDUCTOR DIODES
 - . . AVALANCHE DIODES
 - . . BARRITT DIODES
 - . . GERMANIUM DIODES
 - . . GUNN DIODES
 - . . JUNCTION DIODES
 - . . LIGHT EMITTING DIODES
 - . . PARAMETRIC DIODES
 - . . PHOTODIODES
 - . . SCHOTTKY DIODES
 - . . TUNNEL DIODES
 - . . VARACTOR DIODES
 - . . ELECTRONIC FILTERS
 - . . ELECTRONIC MODULES
 - . . MICROMODULES
 - . . ELECTRONIC PACKAGING
 - . . ELECTRONIC RECORDING SYSTEMS
 - . . ELECTRONIC TRANSDUCERS
 - . . MINIATURE ELECTRONIC EQUIPMENT
 - . . SOLID STATE DEVICES
 - . . CRYOTRONS
 - . . CRYSTAL RECTIFIERS
 - . . METAL-NITRIDE-OXIDE-SEMICONDUCTORS
 - . . MULTISPECTRAL LINEAR ARRAYS
 - . . SEMICONDUCTOR DEVICES
 - . . AVALANCHE DIODES
 - CRYOSAR
 - BARRITT DIODES
 - GERMANIUM DIODES
 - HETEROJUNCTION DEVICES
 - JUNCTION DIODES
 - MIM DIODES
 - STEP RECOVERY DIODES
 - LIGHT EMITTING DIODES
 - METAL OXIDE SEMICONDUCTORS
 - CHARGE TRANSFER DEVICES
 - BUCKET BRIGADE DEVICES
 - CHARGE COUPLED DEVICES
 - FAIRCHILD CCD-450 MEMORY DEVICE
 - CMOS

ELECTRONIC EQUIPMENT TESTS

ELECTRONIC EQUIPMENT-(CONT.)

... SOS (SEMICONDUCTORS)
 ... MIM (SEMICONDUCTORS)
 ... MIS (SEMICONDUCTORS)
 ... NDM SEMICONDUCTOR DEVICES
 ... NEURISTORS
 ... PARAMETRIC DIODES
 ... PHOTODIODES
 ... PHOTOVOLTAIC CELLS
 ... SCHOTTKY DIODES
 ... SEMICONDUCTOR LASERS
 ... GALLIUM ARSENIDE LASERS
 ... THERMISTORS
 ... THYRISTORS
 ... SILICON CONTROLLED RECTIFIERS
 ... TRANSFERRED ELECTRON DEVICES
 ... TRANSISTOR AMPLIFIERS
 ... TRANSISTORS
 ... BIPOLAR TRANSISTORS
 ... FIELD EFFECT TRANSISTORS
 ... CHARGE FLOW DEVICES
 ... JFET
 ... JUNCTION TRANSISTORS
 ... JFET
 ... PHOTOTRANSISTORS
 ... SILICON TRANSISTORS
 ... SOS (SEMICONDUCTORS)
 ... TRAPATT DEVICES
 ... VARACTOR DIODES
 ... VARISTORS
 ... SIS (SEMICONDUCTORS)
 ... SOLID STATE LASERS
 ... GALLIUM ARSENIDE LASERS
 ... RUBY LASERS
 ... YAG LASERS
 ... SPACECRAFT ELECTRONIC EQUIPMENT
 RT ANTENNA COMPONENTS
 BUBBLE TECHNIQUE
 ∞ ELECTRIC EQUIPMENT
 ∞ ELECTRONICS
 ∞ EQUIPMENT
 RADIATION HARDENING
 SPHERICAL ANTENNAS
 SYSTEM GENERATED
 ELECTROMAGNETIC PULSES

ELECTRONIC EQUIPMENT TESTS

SN (CHECKOUT OF ELECTRONIC EQUIPMENT)
 RT EARTH TERMINAL MEASUREMENT SYSTEM
 ELECTRIC EQUIPMENT TESTS
 ELECTRICAL MEASUREMENT
 ENVIRONMENTAL TESTS
 NONDESTRUCTIVE TESTS
 OSCILLOSCOPES
 QUALITY CONTROL
 RESONANCE TESTING
 STABILITY TESTS
 ∞ TEST EQUIPMENT
 ∞ TESTS
 VIBRATION TESTS

ELECTRONIC FILTERS

GS ELECTRONIC EQUIPMENT
 . ELECTRONIC FILTERS
 RT ELECTRIC FILTERS
 ∞ FILTERS
 FIR FILTERS

ELECTRONIC LEVELS

USE ELECTRON ENERGY
 ENERGY LEVELS

ELECTRONIC-MODULES

GS ELECTRONIC EQUIPMENT
 . ELECTRONIC MODULES
 . MICROMODULES
 MODULES
 . ELECTRONIC MODULES
 . MICROMODULES
 RT HARDWARE
 MINIATURE ELECTRONIC EQUIPMENT
 SUBMINIATURIZATION

ELECTRONIC PACKAGING

GS ELECTRONIC EQUIPMENT
 . ELECTRONIC PACKAGING
 PACKAGING
 . ELECTRONIC PACKAGING
 RT BILITHIC CIRCUITS
 CIRCUIT BOARDS
 DTL INTEGRATED CIRCUITS
 ENCAPSULATING

ELECTRONIC PACKAGING-(CONT.)

HYBRID CIRCUITS
 INTEGRATED CIRCUITS
 LARGE SCALE INTEGRATION
 LINEAR INTEGRATED CIRCUITS
 MEDIUM SCALE INTEGRATION
 MICROMODULES
 PRINTED CIRCUITS
 THICK FILMS
 TTL INTEGRATED CIRCUITS

ELECTRONIC PHOTOGRAPHY

USE ELECTRO-OPTICAL PHOTOGRAPHY

ELECTRONIC RECORDING SYSTEMS

GS ELECTRONIC EQUIPMENT
 . ELECTRONIC RECORDING SYSTEMS
 RT RECORDING INSTRUMENTS
 ∞ SYSTEMS
 TAPE RECORDERS

ELECTRONIC SIGNAL MEASUREMENT

USE SIGNAL MEASUREMENT

ELECTRONIC SPECTRA

SN (EMISSION OR ABSORPTION MOLECULAR SPECTRA OF AN ELECTRON TRANSITION)
 GS SPECTRA
 . ENERGY SPECTRA
 . ELECTRONIC SPECTRA
 . MOLECULAR SPECTRA
 . ELECTRONIC SPECTRA
 . RADIATION SPECTRA
 . ELECTROMAGNETIC SPECTRA
 . LINE SPECTRA
 . ELECTRONIC SPECTRA
 RT ABSORPTION SPECTRA
 EMISSION SPECTRA
 LYMAN SPECTRA
 SPECTRAL BANDS
 VIBRATIONAL SPECTRA

ELECTRONIC STRUCTURE

USE ATOMIC STRUCTURE

ELECTRONIC SWITCHES

USE SWITCHING CIRCUITS

ELECTRONIC TRANSDUCERS

GS ELECTRONIC EQUIPMENT
 . ELECTRONIC TRANSDUCERS
 TRANSDUCERS
 . ELECTRONIC TRANSDUCERS
 RT MAGNETIC TRANSDUCERS
 ∞ SENSORS
 ULTRASONIC WAVE TRANSDUCERS

ELECTRONIC WARFARE

GS MILITARY OPERATIONS
 . ELECTRONIC WARFARE
 WARFARE
 . ELECTRONIC WARFARE
 RT AIR DEFENSE
 ANTIRADAR COATINGS
 CHAFF
 COMBAT
 DECEPTION
 ELECTROMAGNETIC COMPATIBILITY
 ELECTROMAGNETIC INTERFERENCE
 ELECTROMAGNETIC SPECTRA
 ELECTRONIC COUNTERMEASURES
 EVASIVE ACTIONS
 JAMMING
 MISSILE DETECTION
 PEACETIME
 RADAR DETECTION
 RADIO FREQUENCY INTERFERENCE
 STRATEGY

∞ ELECTRONICS

SN (USE OF A MORE SPECIFIC TERM IS RECOMMENDED-CONSULT THE TERMS LISTED BELOW)
 UF PHOTOELECTRONICS
 RT ASTRIONICS
 AVIONICS
 ELECTRICAL ENGINEERING
 ELECTRICITY
 ELECTRONIC EQUIPMENT
 ELECTROPHYSICS
 MEDICAL ELECTRONICS
 MICROELECTRONICS
 MOLECULAR ELECTRONICS

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ELECTRONICS-(CONT.)

NUCLEONICS
 RADIO ELECTRONICS
 THERMIONICS
 TRANSISTOR CIRCUITS
 VOLT-AMPERE CHARACTERISTICS

ELECTRONOGRAPHY

RT ELECTROPHYSIOLOGY
 PRINTING

ELECTRONS

UF ELECTRON FLUX
 GS PARTICLES
 . CHARGED PARTICLES
 . ENERGETIC PARTICLES
 . . . ELECTRONS
 . . . CONDUCTION ELECTRONS
 . . . HIGH ENERGY ELECTRONS
 . . . HOT ELECTRONS
 . . . N ELECTRONS
 . . . NEGATONS
 . . . PI-ELECTRONS
 RT ACCEPTOR MATERIALS
 BETA PARTICLES
 BOHR MAGNETON
 COSMIC RAYS
 DONOR MATERIALS
 ELECTRON ACCELERATION
 ELECTRON MASS
 EXCITONS
 HOLES (ELECTRON DEFICIENCIES)
 LEWIS BASE
 MAJORITY CARRIERS
 ∞ MATERIALS
 MINORITY CARRIERS
 MUONIUM
 N-TYPE SEMICONDUCTORS
 NUCLEAR RADIATION
 POMERANCHUK THEOREM
 QUANTUM NUMBERS
 RADIATION BELTS
 SEMICONDUCTORS (MATERIALS)
 SUHL EFFECT

ELECTRONYSTAGMOGRAPHY

GS EYE MOVEMENTS
 . ELECTRONYSTAGMOGRAPHY
 PHYSIOLOGICAL TESTS
 . ELECTRONYSTAGMOGRAPHY
 RT NYSTAGMUS
 OPHTHALMOLOGY

ELECTROPHORESIS

RT COLLOIDS
 ELECTRODEPOSITION
 ELECTROPLATING
 PARTICLE MOTION

ELECTROPHOTOMETERS

UF PHOTOELECTRIC PHOTOMETERS
 GS MEASURING INSTRUMENTS
 . OPTICAL MEASURING INSTRUMENTS
 . . . PHOTOMETERS
 . . . ELECTROPHOTOMETERS
 . . . RADIATION MEASURING INSTRUMENTS
 . . . PHOTOMETERS
 . . . ELECTROPHOTOMETERS
 OPTICAL EQUIPMENT
 . OPTICAL MEASURING INSTRUMENTS
 . . . PHOTOMETERS
 . . . ELECTROPHOTOMETERS
 RT ELECTROPHOTOMETRY

ELECTROPHOTOMETRY

GS CHEMICAL TESTS
 . CHEMICAL ANALYSIS
 . . . ELECTROPHOTOMETRY
 OPTICAL MEASUREMENT
 . PHOTOMETRY
 . . . ELECTROPHOTOMETRY
 RT COLORIMETRY
 ELECTROPHOTOMETERS
 ELECTROPHYSICS
 ∞ MATERIALS TESTS
 MICROANALYSIS
 PHOTOMETERS
 QUALITATIVE ANALYSIS
 QUANTITATIVE ANALYSIS
 SPECTROSCOPIC ANALYSIS
 SPECTROSCOPY

ELECTROPHYSICS

GS ELECTROPHYSICS
 . ELECTRO-OPTICS

ELECTROPHYSICS-(CONT.)

RT . MOLECULAR ELECTRONICS
 . ELECTROCHEMISTRY
 ELECTROKINETICS
 ELECTROMAGNETISM
 ∞ ELECTRONICS
 . ELECTROPHOTOMETRY
 ∞ PHYSICS
 THEORETICAL PHYSICS

ELECTROPHYSIOLOGY

GS . PHYSIOLOGY
 . **ELECTROPHYSIOLOGY**
 RT BODY MEASUREMENT (BIOLOGY)
 DEPOLARIZATION
 ECHOENCEPHALOGRAPHY
 ELECTROCARDIOGRAPHY
 ELECTROENCEPHALOGRAPHY
 ELECTROMYOGRAPHY
 ELECTRONARCOSIS
 ELECTRONOGRAPHY
 ELECTROPLETHYSMOGRAPHY
 ELECTRORETINOGRAPHY
 HIS BUNDLE
 NERVOUS SYSTEM
 NEUROLOGY

ELECTROPLATING

GS COATING
 . **ELECTROPLATING**
 COATINGS
 . **ELECTROPLATING**
 DEPOSITION
 . ELECTRODEPOSITION
 . . **ELECTROPLATING**
 PLATING
 RT . **ELECTROPLATING**
 BATHS
 CATHODIC COATINGS
 CURRENT DENSITY
 ELECTRODES
 ELECTROFORMING
 ELECTROLYSIS
 ELECTROLYTES
 ELECTROLYTIC CELLS
 ELECTROPHORESIS
 METALLIZING
 NICKEL PLATE
 PROTECTIVE COATINGS
 SURFACE FINISHING

ELECTROPLETHYSMOGRAPHY

GS BIOENGINEERING
 . BIOMETRICS
 . . BODY MEASUREMENT (BIOLOGY)
 . . . **ELECTROPLETHYSMOGRAPHY**
 . . . PLETHYSMOGRAPHY
 . . . **ELECTROPLETHYSMOGRAPHY**
 RT BLOOD CIRCULATION
 ELECTROPHYSIOLOGY
 MEDICAL ELECTRONICS

ELECTROPOLISHING

UF ELECTROLYTIC POLISHING
 GS METAL FINISHING
 . **ELECTROPOLISHING**
 POLISHING
 . METAL POLISHING
 . . **ELECTROPOLISHING**
 RT ELECTROCHEMICAL MACHINING
 METALLOGRAPHY
 SURFACE FINISHING

ELECTROREFINING

GS REFINING
 . **ELECTROREFINING**
 RT ELECTRODES
 ELECTROLYTES
 ELECTROLYTIC CELLS
 ELECTROWINNING

ELECTRORETINOGRAPHY

GS BIOENGINEERING
 . BIOMETRICS
 . . **ELECTRORETINOGRAPHY**
 RT ELECTROPHYSIOLOGY
 MEDICAL ELECTRONICS
 RETINA

ELECTROSEISMIC EFFECT

USE ELECTRIC CURRENT
 SEISMIC WAVES

∞ ELECTROSLAG PROCESS

SN *(USE OF A MORE SPECIFIC TERM IS
 RECOMMENDED--CONSULT THE TERMS
 LISTED BELOW)*
 RT ELECTROSLAG REFINING
 ELECTROSLAG WELDING

ELECTROSLAG REFINING

GS REFINING
 . **ELECTROSLAG REFINING**
 RT ARC MELTING
 ∞ ELECTROSLAG PROCESS
 RESISTANCE HEATING

ELECTROSLAG WELDING

GS WELDING
 . ELECTRIC WELDING
 . . **ELECTROSLAG WELDING**
 RT ∞ ELECTROSLAG PROCESS

ELECTROSTATIC BONDING

RT COVERINGS
 ENCAPSULATING
 ENERGY TECHNOLOGY
 GLASS
 SOLAR ARRAYS
 SOLAR CELLS

ELECTROSTATIC CHARGE

GS ELECTRIC CHARGE
 . **ELECTROSTATIC CHARGE**
 RT CAPACITANCE
 CHARGE DISTRIBUTION
 ∞ CHARGING
 ELECTRIC DISCHARGES
 ELECTRIC FIELDS
 ELECTROSTATICS
 SCATHA SATELLITE
 STATIC ELECTRICITY
 XEROGRAPHY

ELECTROSTATIC DRAG

GS DYNAMIC CHARACTERISTICS
 . DRAG
 . . **ELECTROSTATIC DRAG**
 RT DRAG MEASUREMENT
 SATELLITE DRAG

ELECTROSTATIC ENGINES

GS ENGINES
 . ROCKET ENGINES
 . . ELECTRIC ROCKET ENGINES
 . . . **ELECTROSTATIC ENGINES**
 RT ARC JET ENGINES
 CESIUM ENGINES
 ION ENGINES
 MERCURY ION ENGINES
 MICROROCKET ENGINES
 RESTARTABLE ROCKET ENGINES
 RIT ENGINES
 SUSTAINER ROCKET ENGINES
 VERNIER ENGINES

ELECTROSTATIC EROSION

USE SPARK MACHINING

ELECTROSTATIC FIELDS

USE ELECTRIC FIELDS

ELECTROSTATIC GENERATORS

GS ELECTRIC GENERATORS
 . DIRECT POWER GENERATORS
 . . **ELECTROSTATIC GENERATORS**
 RT ARC GENERATORS
 ∞ GENERATORS
 KLYSTRONS
 MAGNETRONS
 ROTATING GENERATORS
 VOLTAGE GENERATORS

ELECTROSTATIC GYROSCOPES

UF ELECTRICALLY SUSPENDED
 GYROSCOPES
 ESG (GYROSCOPES)
 GS GYROSCOPES
 . **ELECTROSTATIC GYROSCOPES**
 RT LEVITATION

ELECTROSTATIC PLASMA

USE PLASMAS (PHYSICS)

ELECTROSTATIC PRECIPITATORS

GS SEPARATORS
 . PRECIPITATORS

ELECTROSTATIC PRECIPITATORS-(CONT.)

RT . **ELECTROSTATIC PRECIPITATORS**
 ADSORPTION
 AIR PURIFICATION
 AIR SAMPLING
 DUST COLLECTORS
 FLY ASH
 ∞ SEPARATION

ELECTROSTATIC PROBES

UF LANGMUIR PROBES
 GS MEASURING INSTRUMENTS
 . PLASMA PROBES
 . . **ELECTROSTATIC PROBES**
 . . RADIATION MEASURING INSTRUMENTS
 . . **ELECTROSTATIC PROBES**
 RT ELECTRON ENERGY
 PLASMA FREQUENCIES
 RADIATION COUNTERS
 SCATHA SATELLITE

ELECTROSTATIC PROPULSION

GS PROPULSION
 . ELECTRIC PROPULSION
 . . **ELECTROSTATIC PROPULSION**
 . . . ION PROPULSION
 . . . LOW THRUST PROPULSION
 . . **ELECTROSTATIC PROPULSION**
 . . . ION PROPULSION
 . . SPACECRAFT PROPULSION
 . . **ELECTROSTATIC PROPULSION**
 . . . ION PROPULSION
 RT ELECTROMAGNETIC PROPULSION
 PLASMA PROPULSION

ELECTROSTATIC SHIELDING

GS SHIELDING
 . **ELECTROSTATIC SHIELDING**
 RT ELECTRIC CONDUCTORS
 SCATHA SATELLITE

ELECTROSTATIC WAVES

GS ELASTIC WAVES
 . MAGNETOHYDRODYNAMIC WAVES
 . . PLASMA WAVES
 . . . **ELECTROSTATIC WAVES**
 RT DIFFUSION WAVES
 IONIC WAVES
 LONGITUDINAL WAVES
 MAGNETOELASTIC WAVES
 SHOCK WAVES

ELECTROSTATICS

GS STATICS
 . **ELECTROSTATICS**
 RT BORN-INFELD THEORY
 ELECTRIC FIELDS
 ELECTROMAGNETIC INTERACTIONS
 ELECTROMECHANICS
 ELECTROSTATIC CHARGE
 MAGNETOSTATICS
 POISSON EQUATION
 STATIC ELECTRICITY

ELECTROSTRICTION

GS MECHANICAL PROPERTIES
 . **ELECTROSTRICTION**
 RT MAGNETOSTRICTION
 PIEZOELECTRICITY

ELECTROTHERMAL ENGINES

GS ENGINES
 . ROCKET ENGINES
 . . ELECTRIC ROCKET ENGINES
 . . . **ELECTROTHERMAL ENGINES**
 ARC JET ENGINES
 XT-761 ENGINE
 RESISTOJET ENGINES
 RT HIGH TEMPERATURE PROPELLANTS
 ION ENGINES
 NUCLEAR ELECTRIC PROPULSION
 PULSED JET ENGINES
 RESTARTABLE ROCKET ENGINES
 SUSTAINER ROCKET ENGINES

ELECTROWINNING

RT ELECTRODEPOSITION
 ELECTRODES
 ELECTROLYTES
 ELECTROLYTIC CELLS
 ELECTROREFINING

ELEKTRON SATELLITES

GS SATELLITES

ELEKTRON 1 SATELLITE

ELEKTRON SATELLITES-(CONT.)

. ARTIFICIAL SATELLITES
 . METEOROLOGICAL SATELLITES
 . . . ELEKTRON SATELLITES
 ELEKTRON 1 SATELLITE
 ELEKTRON 2 SATELLITE
 ELEKTRON 4 SATELLITE
 . EARTH SATELLITES
 . METEOROLOGICAL SATELLITES
 . . . ELEKTRON SATELLITES
 ELEKTRON 1 SATELLITE
 ELEKTRON 2 SATELLITE
 ELEKTRON 4 SATELLITE

ELEKTRON 1 SATELLITE

GS SATELLITES
 . ARTIFICIAL SATELLITES
 . METEOROLOGICAL SATELLITES
 . . . ELEKTRON SATELLITES
 ELEKTRON 1 SATELLITE
 . EARTH SATELLITES
 . METEOROLOGICAL SATELLITES
 . . . ELEKTRON SATELLITES
 ELEKTRON 1 SATELLITE

ELEKTRON 2 SATELLITE

GS SATELLITES
 . ARTIFICIAL SATELLITES
 . METEOROLOGICAL SATELLITES
 . . . ELEKTRON SATELLITES
 ELEKTRON 2 SATELLITE
 . EARTH SATELLITES
 . METEOROLOGICAL SATELLITES
 . . . ELEKTRON SATELLITES
 ELEKTRON 2 SATELLITE

ELEKTRON 4 SATELLITE

GS SATELLITES
 . ARTIFICIAL SATELLITES
 . METEOROLOGICAL SATELLITES
 . . . ELEKTRON SATELLITES
 ELEKTRON 4 SATELLITE
 . EARTH SATELLITES
 . METEOROLOGICAL SATELLITES
 . . . ELEKTRON SATELLITES
 ELEKTRON 4 SATELLITE

ELEMENT ABUNDANCE

USE ABUNDANCE

ELEMENT 104

GS CHEMICAL ELEMENTS
 . ELEMENT 104
 RT ∞ELEMENTS

ELEMENT 105

GS CHEMICAL ELEMENTS
 . ELEMENT 105
 RT ∞ELEMENTS

ELEMENTARY EXCITATIONS

UF QUASI-PARTICLES
 GS ELEMENTARY EXCITATIONS
 . EXCITONS
 . MAGNONS
 . PHONONS
 . PHONON BEAMS
 . PLASMONS
 . POLARONS
 RT MANY BODY PROBLEM

ELEMENTARY PARTICLE INTERACTIONS

GS PARTICLE INTERACTIONS
 . ELEMENTARY PARTICLE INTERACTIONS
 . . MESON-MESON INTERACTIONS
 . . MESON-NUCLEON INTERACTIONS
 . . NUCLEAR CAPTURE
 . . . ELECTRON CAPTURE
 . . . NUCLEON-NUCLEON INTERACTIONS
 RT ANGULAR DISTRIBUTION
 ELECTROMAGNETIC INTERACTIONS
 ∞INTERACTIONS
 ION ATOM INTERACTIONS
 PHOTON-ELECTRON INTERACTION
 VENEZIANO MODEL

ELEMENTARY PARTICLES

GS PARTICLES
 . ELEMENTARY PARTICLES
 . . ANTIPARTICLES
 . . . ANTINEUTRINOS
 . . . ANTINUCLEONS
 . . . ANTIPROTONS

ELEMENTARY PARTICLES-(CONT.)

. . . POSITRONS
 . . . BETA PARTICLES
 . . . BOSONS
 . . . ALPHA PARTICLES
 . . . MESONS
 ETA-MESONS
 K-MESONS
 KAONS
 MESON RESONANCES
 X MESONS
 MUONS
 PIONS
 VECTOR MESONS
 RHO-MESONS
 SIGMA-MESONS
 PHOTONS
 LIGHT BEAMS
 XI HYPERONS
 DEUTERONS
 FERMIONS
 BARYON RESONANCES
 BARYONS
 HYPERONS
 XI HYPERONS
 OMEGA-MESONS
 RHO-MESONS
 SIGMA-MESONS
 ETA-MESONS
 LEPTONS
 ANTINEUTRINOS
 MUONS
 NEUTRINOS
 SOLAR NEUTRINOS
 MESON RESONANCES
 NEUTRONS
 COLD NEUTRONS
 FAST NEUTRONS
 PHOTONEUTRONS
 THERMAL NEUTRONS
 PROTONS
 RECOIL PROTONS
 SOLAR PROTONS
 GLUONS
 GRAVITONS
 HADRONS
 BARYONS
 OMEGA-MESONS
 RHO-MESONS
 SIGMA-MESONS
 MESONS
 K-MESONS
 MUONS
 OMEGA-MESONS
 VECTOR MESONS
 RHO-MESONS
 SIGMA-MESONS
 MAGNETIC MONOPOLES
 NUCLEONS
 PARTONS
 QUARKS
 TACHYONS
 RT ATOMIC STRUCTURE
 BUBBLE CHAMBERS
 CHARGED PARTICLES
 DE BROGLIE WAVELENGTHS
 GEOCYCLOTRONS
 HYPERNUCLEI
 INSTANTONS
 IONIZING RADIATION
 NEUTRON SCATTERING
 NUCLEAR INTERACTIONS
 NUCLEAR PARTICLES
 NUCLEAR RADIATION
 NUCLEI (NUCLEAR PHYSICS)
 PARTICLE ACCELERATORS
 POMERANCHUK THEOREM
 POSITRON ANNIHILATION
 QUANTUM THEORY
 RADIATION BELTS

∞ELEMENTS

SN (USE OF A MORE SPECIFIC TERM IS
 RECOMMENDED—CONSULT THE TERMS
 LISTED BELOW)

RT

ATOMS
 CHEMICAL ELEMENTS
 ELEMENT 104
 ELEMENT 105
 HEAVY ELEMENTS
 ISOPARAMETRIC FINITE ELEMENTS
 LIGHT ELEMENTS
 LOGICAL ELEMENTS
 NEUTRAL ATOMS
 NUCLEAR FUEL ELEMENTS
 ORBITAL ELEMENTS

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ELEMENTS-(CONT.)

TASKS

ELEVATION

RT ALTITUDE
 CONTOURS
 HEAD (FLUID MECHANICS)
 HYDROSTATIC PRESSURE
 HYDROSTATICS
 HYPISOGRAPHY
 LOW ALTITUDE
 PRESSURE HEADS
 TOPOGRAPHY

ELEVATION ANGLE

UF ALMUCANTAR
 GS GEOMETRY
 . EUCLIDEAN GEOMETRY
 . . ANGLES (GEOMETRY)
 . . . ELEVATION ANGLE
 RT ALTITUDE
 AZIMUTH
 DATUM (ELEVATION)
 FIELD OF VIEW
 LOOK ANGLES (TRACKING)
 TOPOGRAPHY

ELEVATIONS (DRAWINGS)

USE DRAWINGS

ELEVATOR ILLUSION

GS PSYCHOLOGICAL EFFECTS
 . ILLUSIONS
 . . OPTICAL ILLUSION
 . . . ELEVATOR ILLUSION
 RT VISUAL PERCEPTION

ELEVATORS (CONTROL SURFACES)

GS AIRFOILS
 . ELEVATORS (CONTROL SURFACES)
 . . CONTROL SURFACES
 . . . ELEVATORS (CONTROL SURFACES)
 RT AILERONS
 ELEVONS
 HORIZONTAL TAIL SURFACES
 HYDROFOILS
 STABILIZERS (FLUID DYNAMICS)
 TABS (CONTROL SURFACES)
 TAIL ASSEMBLIES
 TAIL SURFACES

ELEVATORS (LIFTS)

RT CONVEYORS
 ESCALATORS
 ∞JACKS
 ∞LIFTS
 WINCHES

ELEVONS

GS AIRFOILS
 . ELEVONS
 . . CONTROL SURFACES
 . . . ELEVONS
 RT AILERONS
 ELEVATORS (CONTROL SURFACES)
 LATERAL CONTROL
 TABS (CONTROL SURFACES)

ELIMINATION

GS ELIMINATION
 . DELETION
 RT ATTENUATION
 CANCELLATION
 DECONTAMINATION
 DEPLETION
 ∞DISCHARGE
 DISPOSAL
 EVACUATING (TRANSPORTATION)
 EVACUATING (VACUUM)
 EXCLUSION
 EXHAUST SYSTEMS
 EXHAUSTING
 POLLUTION
 PURIFICATION
 ∞REDUCTION
 REJECTION
 ∞SEPARATION
 STOPPING
 WASTE DISPOSAL

ELLIPSES

GS GEOMETRY
 . EUCLIDEAN GEOMETRY
 . . ANALYTIC GEOMETRY

ELLIPSES-(CONT.)

... CONICS
 ... **ELLIPSES**
 RT CIRCLES (GEOMETRY)

ELLIPSOIDS

UF IZSAK ELLIPSOID
 GS SYMMETRICAL BODIES
 ... **ELLIPSOIDS**
 RT BODIES OF REVOLUTION
 ELLIPTICITY
 OGIVES

ELLIPSOMETERS

GS MEASURING INSTRUMENTS
 . OPTICAL MEASURING INSTRUMENTS
 . **ELLIPSOMETERS**
 OPTICAL EQUIPMENT
 . OPTICAL MEASURING INSTRUMENTS
 . **ELLIPSOMETERS**
 RT PHOTOMETERS
 POLARIMETERS

ELLIPTIC DIFFERENTIAL EQUATIONS

GS ANALYSIS (MATHEMATICS)
 . REAL VARIABLES
 . DIFFERENTIAL EQUATIONS
 . PARTIAL DIFFERENTIAL EQUATIONS
 . **ELLIPTIC DIFFERENTIAL EQUATIONS**
 MONGE-AMPERE EQUATION
 RT HALF SPACES
 MAXIMUM PRINCIPLE

ELLIPTIC FUNCTIONS

UF ELLIPTIC INTEGRALS
 GS ANALYSIS (MATHEMATICS)
 . COMPLEX VARIABLES
 . MEROMORPHIC FUNCTIONS
 . **ELLIPTIC FUNCTIONS**
 FUNCTIONS (MATHEMATICS)
 . MEROMORPHIC FUNCTIONS
 . **ELLIPTIC FUNCTIONS**
 RT JACOBI INTEGRAL
 WEIERSTRASS FUNCTIONS

ELLIPTIC INTEGRALS

USE ELLIPTIC FUNCTIONS

ELLIPTICAL CYLINDERS

RT CIRCULAR CYLINDERS
 ∞ CYLINDERS
 CYLINDRICAL BODIES
 CYLINDRICAL SHELLS

ELLIPTICAL GALAXIES

GS CELESTIAL BODIES
 . GALAXIES
 . **ELLIPTICAL GALAXIES**
 RT DISK GALAXIES
 GALACTIC CLUSTERS
 SPIRAL GALAXIES
 STAR CLUSTERS
 VIRGO GALACTIC CLUSTER

ELLIPTICAL ORBITS

UF HOHMANN TRAJECTORIES
 HOHMANN TRANSFER ORBITS
 GS ORBITS
 . **ELLIPTICAL ORBITS**
 . . APOGEES
 . . PERIGEEES
 . . PERIHELIONS
 . . TRANSFER ORBITS
 . . INTERPLANETARY TRANSFER ORBITS
 RT APSIDES
 CIRCULAR ORBITS
 EARTH ORBITS
 EARTH-MARS TRAJECTORIES
 EARTH-MERCURY TRAJECTORIES
 ECCENTRIC ORBITS
 ELLIPTICITY
 EQUATORIAL ORBITS
 EULER-LAMBERT EQUATION
 LUNAR ORBITS
 ORBITAL MECHANICS
 PAS
 PLANETARY ORBITS
 POLAR ORBITS
 SATELLITE ORBITS
 SOLAR ORBITS
 SPACECRAFT ORBITS

ELLIPTICAL PLASMAS

GS GASES
 . IONIZED GASES
 . CHARGED PARTICLES
 . **ELLIPTICAL PLASMAS**
 PARTICLES
 . CHARGED PARTICLES
 ENERGETIC PARTICLES
 PLASMAS (PHYSICS)
 **ELLIPTICAL PLASMAS**
 RT MAGNETOHYDRODYNAMIC STABILITY
 PLASMA CONTROL
 TOROIDAL PLASMAS

ELLIPTICAL POLARIZATION

GS POLARIZATION (WAVES)
 . **ELLIPTICAL POLARIZATION**
 RT CIRCULAR POLARIZATION
 MAGNETOIONICS

ELLIPTICITY

GS SHAPES
 . **ELLIPTICITY**
 RT ECCENTRICITY
 ELLIPSOIDS
 ELLIPTICAL ORBITS
 FLATTENING
 OBLATE SPHEROIDS

ELONGATION

RT ANGLES (GEOMETRY)
 DEFORMATION
 DUCTILITY
 ECCENTRICITY
 EXPANSION
 MECHANICAL PROPERTIES
 PLASTIC DEFORMATION
 STRETCHING
 SUPERPLASTICITY
 TENSILE DEFORMATION
 TENSILE STRENGTH

ELUTION

UF ELUTRIATION
 RT ADSORPTION
 EXTRACTION
 FLUSHING
 LEACHING
 PURIFICATION
 ∞ SEPARATION
 WASHING

ELUTRIATION

USE ELUTION

EM-36 ROCKET ENGINE

GS ENGINES
 . ROCKET ENGINES
 . . SOLID PROPELLANT ROCKET ENGINES
 **EM-36 ROCKET ENGINE**

EMANATION

USE EMISSION

EMBEDDING

RT ACCELERATION PROTECTION
 ENCAPSULATING
 INSERTION

EMBOLISMS

GS **EMBOLISMS**
 . AEROEMBOLISM
 . FAT EMBOLISMS
 RT BLOOD VESSELS
 CLOTTING
 COAGULATION
 INFARCTION

EMBOSSING

RT BRAILLE

EMBRITTELEMENT

RT BRITTLE MATERIALS
 BRITTLENESS
 DEGRADATION

EMBRYOLOGY

RT ∞ BIOLOGY
 DIFFERENTIATION (BIOLOGY)
 EMBRYOS
 FETUSES
 REPRODUCTION (BIOLOGY)

EMBRYOS

RT EGGS
 EMBRYOLOGY
 FETUSES
 SEEDS

EMERALD

USE BERYL

EMERGENCIES

RT ACCIDENTS
 DISASTERS
 FAIL-SAFE SYSTEMS

EMERGENCY BREATHING TECHNIQUES

RT ∞ BREATHING
 ∞ METHODOLOGY
 PRESSURE BREATHING
 RESPIRATORS
 RESUSCITATION

EMERGENCY LIFE SUSTAINING SYSTEMS

GS SUPPORT SYSTEMS
 . LIFE SUPPORT SYSTEMS
 . **EMERGENCY LIFE SUSTAINING SYSTEMS**
 AEPS
 RT ENVIRONMENTAL CONTROL
 ESCAPE CAPSULES
 FLOATS
 HIGH ALTITUDE BREATHING
 MEDICAL EQUIPMENT
 OXYGEN SUPPLY EQUIPMENT
 PORTABLE LIFE SUPPORT SYSTEMS
 PRESSURIZED CABINS
 PROTECTIVE CLOTHING
 SAFETY
 SAFETY DEVICES
 SURVIVAL EQUIPMENT
 ∞ SYSTEMS

EMERGENCY LOCATOR TRANSMITTERS

GS TRANSMITTERS
 . **EMERGENCY LOCATOR TRANSMITTERS**

EMERGING

RT EMISSION
 EMISSIVITY
 EMITTANCE

EMISSION

UF EMANATION
 GS DECAY
 . **EMISSION**
 . . EXHAUST EMISSION
 . . LIGHT EMISSION
 . . INCANDESCENCE
 . . LUMINESCENCE
 BIOLUMINESCENCE
 CATHODE GLOW
 CATHODOLUMINESCENCE
 CHEMILUMINESCENCE
 ELECTROLUMINESCENCE
 FLUORESCENCE
 PHOSPHORESCENCE
 RESONANCE FLUORESCENCE
 X RAY FLUORESCENCE
 LUNAR LUMINESCENCE
 OPTICAL RESONANCE
 PHOTOLUMINESCENCE
 X RAY FLUORESCENCE
 SHOCK WAVE LUMINESCENCE
 SONOLUMINESCENCE
 THERMOLUMINESCENCE
 MICROWAVE EMISSION
 PARTICLE EMISSION
 ELECTRON EMISSION
 FIELD EMISSION
 PHOTOELECTRIC EMISSION
 SECONDARY EMISSION
 ION EMISSION
 NEUTRON EMISSION
 THERMIONIC EMISSION
 PHOTOELECTRIC EFFECT
 PHOTOIONIZATION
 RADIO EMISSION
 CN EMISSION
 HYDROXYL EMISSION
 SOLAR RADIO EMISSION
 SOLAR RADIO BURSTS
 TYPE 2 BURSTS
 TYPE 3 BURSTS
 TYPE 4 BURSTS
 TYPE 5 BURSTS

EMISSION SPECTRA

EMISSION-(CONT.)

.. SELF SUSTAINED EMISSION
 .. SPECTRAL EMISSION
 .. SPONTANEOUS EMISSION
 .. STIMULATED EMISSION
 .. WATER MASERS
 .. THERMAL EMISSION
 .. THERMIONIC EMISSION
 RT AIRGLOW
 ATOMIC RECOMBINATION
 BURSTS
 CATHODOLUMINESCENCE
 ∞ DISCHARGE
 EFFLUX
 EJECTION
 EMERGING
 EMITTERS
 EXCITATION
 IONIZING RADIATION
 IRRADIATION
 NUCLEAR REACTIONS
 PAIR PRODUCTION
 QUANTUM THEORY
 ∞ RADIATION
 RADIOACTIVE DECAY
 RADIOACTIVITY
 RELEASING
 SELECTION RULES (NUCLEAR PHYSICS)
 SPUTTERING

EMISSION SPECTRA

SN (ELECTROMAGNETIC RADIATION OF ANY
 WAVELENGTH EMITTED FROM EXCITED
 MATTER -EXCLUDES PARTICLE
 SPECTRA)
 GS SPECTRA
 . RADIATION SPECTRA
 . . EMISSION SPECTRA
 RT ABSORPTION SPECTRA
 ATOMIC RECOMBINATION
 BALMER SERIES
 CONTINUOUS RADIATION
 D LINES
 ELECTROMAGNETIC SPECTRA
 ELECTRON SPECTROSCOPY
 ELECTRONIC SPECTRA
 EXTARS
 FLAME SPECTROSCOPY
 GAMMA RAY SPECTRA
 GAMMA RAYS
 H ALPHA LINE
 H BETA LINE
 H GAMMA LINE
 H LINES
 HYDROXYL EMISSION
 INFRARED SPECTRA
 K LINES
 LINE SPECTRA
 LYMAN SPECTRA
 MOLECULAR SPECTRA
 MOLECULAR SPECTROSCOPY
 NUCLEAR RADIATION
 OPTICAL EMISSION SPECTROSCOPY
 OPTICAL TRANSITION
 PASCHEN SERIES
 PHOTOLUMINESCENT BANDS
 PLASMA SPECTRA
 RAMAN SPECTRA
 RYDBERG SERIES
 SCHUMANN-RUNGE BANDS
 SOLAR SPECTRA
 SOLAR SPECTROMETERS
 SPECTRAL SIGNATURES
 SPECTRUM ANALYSIS
 SPONTANEOUS EMISSION
 STELLAR SPECTRA
 SWAN BANDS
 ULTRAVIOLET SPECTRA
 VEGARD-KAPLAN BANDS
 VISIBLE SPECTRUM
 X RAYS

EMISSION

UF PHOTOEMISSION
 GS THERMODYNAMIC PROPERTIES
 . THERMOPHYSICAL PROPERTIES
 . . EMISSION
 RT BLACK BODY RADIATION
 BRIGHTNESS
 EMERGING
 EMITTANCE
 HOHLRAUMS
 INCANDESCENCE
 LUMINOSITY
 NONGRAY ATMOSPHERES

EMISSION-(CONT.)

NONGRAY GAS
 OPTICAL MEASUREMENT
 RADIANCE
 RADIANT FLUX DENSITY
 STEFAN-BOLTZMANN LAW
 SURFACE PROPERTIES
 TEMPERATURE
 THERMAL EMISSION

EMISSION

USE ACTINOMETERS
 RECORDING INSTRUMENTS

EMISSION

RT EMERGING
 EMISSION
 FLUX (RATE)
 LUMINOSITY
 LUMINOUS INTENSITY
 OPTICAL PROPERTIES
 RADIANCE
 RADIANT FLUX DENSITY
 SPECTRAL EMISSION
 THERMODYNAMIC PROPERTIES

EMISSION

GS EMISSIONS
 . THERMIONIC CATHODES
 . THERMIONIC EMITTERS
 RT ELECTRON EMISSION
 EMISSION
 SEMICONDUCTORS (MATERIALS)

EMOTIONAL FACTORS

RT ANGINA PECTORIS
 DETACHMENT
 DISORDERS
 DITHERS
 FEEDBACK
 FRUSTRATION
 HUMAN REACTIONS
 MOODS
 PANIC
 PHOBIAS
 PSYCHOLOGICAL FACTORS
 PSYCHOLOGY
 SENSORY FEEDBACK
 SENSORY STIMULATION

EMOTIONS

RT ∞ DEPRESSION
 FEAR
 FEAR OF FLYING
 FRUSTRATION
 HUMAN BEHAVIOR
 LAUGHING
 MOODS
 PANIC
 PSYCHOLOGICAL EFFECTS
 PSYCHOLOGY
 SENSORY FEEDBACK

EMPHYSEMA

GS DISEASES
 . RESPIRATORY DISEASES
 . . EMPHYSEMA

EMPLOYEE RELATIONS

RT ∞ COOPERATION
 PERSONNEL
 PERSONNEL DEVELOPMENT
 PERSONNEL MANAGEMENT
 POSITION (TITLE)
 PRODUCTION MANAGEMENT
 RETIREMENT
 WAGE SURVEYS

EMPLOYMENT

RT PERSONNEL SELECTION
 ∞ TESTS

EMPTYING

RT DISPOSAL
 DUMPING
 EJECTION
 EXPULSION
 EXPULSION BLADDERS
 JETTISONING
 MATERIALS HANDLING
 RELEASING
 REMOVAL
 SPILLING
 SPREADING

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EMPTYING-(CONT.)

UNLOADING

EMR 6050 COMPUTER

GS DATA PROCESSING EQUIPMENT
 . COMPUTERS
 . . DIGITAL COMPUTERS
 . . . EMR 6050 COMPUTER

EMULSIONS

GS MIXTURES
 . DISPERSIONS
 . . EMULSIONS
 . . . PHOTOGRAPHIC EMULSIONS
 NUCLEAR EMULSIONS
 RT BROWNIAN MOVEMENTS
 COLLOIDS
 SLURRIES
 SOLUTIONS

ENAMELS

GS COATINGS
 . ENAMELS
 FINISHES
 . ENAMELS
 RT PORCELAIN

ENARGITE

GS CHALCOGENIDES
 . SULFIDES
 . . INORGANIC SULFIDES
 . . . COPPER SULFIDES
 ENARGITE
 COPPER COMPOUNDS
 . COPPER SULFIDES
 . . ENARGITE
 SULFUR COMPOUNDS
 . SULFIDES
 . . INORGANIC SULFIDES
 . . . COPPER SULFIDES
 ENARGITE

ENCAPSULATED MICROCIRCUITS

GS CIRCUITS
 . INTEGRATED CIRCUITS
 . . ENCAPSULATED MICROCIRCUITS
 RT MICROELECTRONICS

ENCAPSULATING

GS COATING
 . ENCAPSULATING
 COATINGS
 . ENCAPSULATING
 RT CANNING
 ELECTRONIC PACKAGING
 ELECTROSTATIC BONDING
 EMBEDDING
 ∞ IMBEDDINGS
 MATERIALS HANDLING
 PACKAGING
 PLASTIC COATINGS
 POTTING COMPOUNDS
 PROTECTIVE COATINGS
 SEALING
 SHEATHS

ENCELADUS

GS SATELLITES
 . NATURAL SATELLITES
 . . SATURN SATELLITES
 . . . ENCELADUS
 RT SATURN (PLANET)

ENCEPHALITIS

GS DISEASES
 . ENCEPHALITIS
 RT BRAIN

ENCKE METHOD

RT ∞ METHODOLOGY

ENCLOSURE

RT ∞ CASING
 HOUSINGS
 PACKAGING

ENCLOSURES

RT AIR LOCKS
 ASTEROID CAPTURE
 ∞ BARRIERS
 BIOPAKS
 CLOSURES
 COMPARTMENTS
 ∞ CONTAINERS

ENCLOSURES-(CONT.)

COVERINGS
 DOGHOUSES (ELECTRONICS)
 ∞ ENVELOPES
 HOUSINGS
 ∞ PENS
 PERFORATED SHELLS
 PRESSURE CHAMBERS
 PROTECTORS
 ROOMS
 SAFETY DEVICES
 SHELLS (STRUCTURAL FORMS)
 SHIELDING
 SHIPYARDS
 WALLS

ENCODERS

USE CODERS

ENCODING

USE CODING

ENCOUNTERS

RT CRASHES
 SCATTERING

END MORAINES

USE GLACIAL DRIFT

END PLATES

GS STRUCTURAL MEMBERS
 . PLATES (STRUCTURAL MEMBERS)
 . . . **END PLATES**
 RT ANISOTROPIC PLATES
 BULKHEADS
 CIRCULAR PLATES
 CLOSURES
 FLAT PLATES
 SHALLOW SHELL EQUATIONS

END-TO-END DATA SYSTEMS

GS **END-TO-END DATA SYSTEMS**
 . NEEDS (DATA SYSTEM)
 RT DATA ACQUISITION
 DATA PROCESSING
 DATA SYSTEMS

ENDANGERED SPECIES

RT ANIMALS
 BIRDS
 ECOLOGY
 ECOSYSTEMS
 HABITATS
 POLLUTION
 TOXICITY
 WILDLIFE

ENDFIRE ARRAYS

GS ARRAYS
 . ANTENNA ARRAYS
 . . . LINEAR ARRAYS
 . . . **ENDFIRE ARRAYS**
 . . . YAGI ANTENNAS
 RT DIRECTIONAL ANTENNAS

ENDOCRINE GLANDS

GS ANATOMY
 . GLANDS (ANATOMY)
 . . . **ENDOCRINE GLANDS**
 . . . ADRENAL GLAND
 . . . GONADS
 . . . OVARIES
 . . . PANCREAS
 . . . PARATHYROID GLAND
 . . . PINEAL GLAND
 . . . PITUITARY GLAND
 . . . PROSTATE GLAND
 . . . THYMUS GLAND
 . . . THYROID GLAND
 VISCERA
 . **ENDOCRINE GLANDS**
 . . ADRENAL GLAND
 . . GONADS
 . . OVARIES
 . . PANCREAS
 . . PARATHYROID GLAND
 . . PINEAL GLAND
 . . PITUITARY GLAND
 . . PROSTATE GLAND
 . . THYMUS GLAND
 . . THYROID GLAND
 RT ENDOCRINOLOGY
 ESTROGENS

ENDOCRINE SECRETIONS

GS SECRETIONS
 . **ENDOCRINE SECRETIONS**
 . . HORMONES
 . . . ESTROGENS
 . . . HYDROXYCORTICOSTEROID
 . . . PITUITARY HORMONES
 . . . ADRENOCORTICOTROPIN (ACTH)
 . . . PROTAGLANDINS
 . . INSULIN
 RT CORTICOSTEROIDS

ENDOCRINE SYSTEMS

RT ENDOCRINOLOGY
 GLANDS (ANATOMY)
 HORMONES
 MINERAL METABOLISM
 ∞ SYSTEMS

ENDOCRINOLOGY

GS MEDICAL SCIENCE
 . **ENDOCRINOLOGY**
 RT ENDOCRINE GLANDS
 ENDOCRINE SYSTEMS

ENDOLYMPH

GS BODY FLUIDS
 . **ENDOLYMPH**
 RT EAR

ENDORADIOSONDES

GS MEASURING INSTRUMENTS
 . METEOROLOGICAL INSTRUMENTS
 . . RADIOSONDES
 . . . **ENDORADIOSONDES**
 . . . SONDES
 . . . RADIOSONDES
 . . . **ENDORADIOSONDES**
 RADIO EQUIPMENT
 . RADIO TRANSMITTERS
 . . RADIOSONDES
 . . . **ENDORADIOSONDES**
 TRANSMITTERS
 . RADIO TRANSMITTERS
 . . RADIOSONDES
 . . . **ENDORADIOSONDES**

ENDOSCOPES

UF BORESCOPES
 GS MEDICAL EQUIPMENT
 . **ENDOSCOPES**
 . OPTICAL EQUIPMENT
 . . **ENDOSCOPES**
 RT INSPECTION

ENDOTHELIUM

GS TISSUES (BIOLOGY)
 . **ENDOTHELIUM**
 RT BLOOD VESSELS
 CELLS (BIOLOGY)

ENDOTHERMIC FUELS

GS FUELS
 . CHEMICAL FUELS
 . . **ENDOTHERMIC FUELS**
 RT CRYOGENIC ROCKET PROPELLANTS
 DOUBLE BASE PROPELLANTS
 GASEOUS ROCKET PROPELLANTS
 HYDROCARBON FUELS
 PROPELLANT DECOMPOSITION

ENDOTHERMIC REACTIONS

GS CHEMICAL REACTIONS
 . **ENDOTHERMIC REACTIONS**
 RT ASSOCIATION REACTIONS
 EXOTHERMIC REACTIONS
 HEAT SINKS
 PYROLYSIS
 THERMAL DECOMPOSITION

ENDOTOXINS

GS POISONS
 . **ENDOTOXINS**
 . TOXINS AND ANTITOXINS
 . . **ENDOTOXINS**
 RT BACTERIOLOGY
 TOXICOLOGY

ENDRIN

GS EPOXY COMPOUNDS
 . **ENDRIN**
 . HETEROCYCLIC COMPOUNDS
 . . **ENDRIN**
 RT INSECTICIDES

∞ ENDURANCE

SN (USE OF A MORE SPECIFIC TERM IS
 RECOMMENDED--CONSULT THE TERMS
 LISTED BELOW)
 RT DURABILITY
 FATIGUE (MATERIALS)

ENEMY PERSONNEL

GS PERSONNEL
 . **ENEMY PERSONNEL**
 RT ARMED FORCES (FOREIGN)

ENERGETIC PARTICLE EXPLORER A

USE EXPLORER 12 SATELLITE

ENERGETIC PARTICLE EXPLORER B

USE EXPLORER 14 SATELLITE

ENERGETIC PARTICLE EXPLORER C

USE EXPLORER 15 SATELLITE

ENERGETIC PARTICLE EXPLORER D

USE EXPLORER 26 SATELLITE

ENERGETIC PARTICLES

GS PARTICLES
 . CHARGED PARTICLES
 . . **ENERGETIC PARTICLES**
 . . . ELECTRONS
 . . . CONDUCTION ELECTRONS
 . . . HIGH ENERGY ELECTRONS
 . . . HOT ELECTRONS
 . . . N ELECTRONS
 . . . NEGATONS
 . . . PI-ELECTRONS
 . . . NUCLEI (NUCLEAR PHYSICS)
 . . . PLASMAS (PHYSICS)
 . . . ARGON PLASMA
 . . . BETA PARTICLES
 . . . BOUNDARY LAYER PLASMAS
 . . . COLD PLASMAS
 . . . COLLISIONAL PLASMAS
 . . . STRONGLY COUPLED PLASMAS
 . . . COLLISIONLESS PLASMAS
 . . . COSMIC PLASMA
 . . . CYLINDRICAL PLASMAS
 . . . DENSE PLASMAS
 . . . PLASMA FOCUS
 . . . STRONGLY COUPLED PLASMAS
 . . . ELECTRON PLASMA
 . . . ELLIPTICAL PLASMAS
 . . . HELIUM PLASMA
 . . . HIGH TEMPERATURE PLASMAS
 . . . LASER PLASMAS
 . . . METALLIC PLASMAS
 . . . CESIUM PLASMA
 . . . MICROPLASMAS
 . . . NITROGEN PLASMA
 . . . NONEQUILIBRIUM PLASMAS
 . . . NONUNIFORM PLASMAS
 . . . RAREFIED PLASMAS
 . . . RELATIVISTIC PLASMAS
 . . . ROTATING PLASMAS
 . . . SOLAR WIND
 . . . SPHERICAL PLASMAS
 . . . STELLAR WINDS
 . . . THERMAL PLASMAS
 RT SOLAR COSMIC RAYS

∞ ENERGY

SN (USE OF A MORE SPECIFIC TERM IS
 RECOMMENDED--CONSULT THE TERMS
 LISTED BELOW)
 RT ACTIVATION ENERGY
 BERNSTEIN ENERGY PRINCIPLE
 CHEMICAL ENERGY
 COMMERCIAL ENERGY
 DOMESTIC ENERGY
 ELECTRON ENERGY
 ENERGY CONSERVATION
 ENERGY CONVERSION EFFICIENCY
 ENERGY OF FORMATION
 ENTHALPY
 ENTROPY
 FLUX (RATE)
 FLUX DENSITY
 FREE ENERGY
 HEAT
 HYDROGEN-BASED ENERGY
 INDUSTRIAL ENERGY
 INTERFACIAL ENERGY
 INTERNAL ENERGY
 KINETIC ENERGY
 MOLECULAR ENERGY LEVELS
 NUCLEAR BINDING ENERGY

ENERGY ABSORPTION

ENERGY-(CONT.)

PARTICLE ENERGY
POTENTIAL ENERGY
PROTON ENERGY
RADIANT HEATING
SEISMIC ENERGY
SOLAR ENERGY
SOLAR TOTAL ENERGY SYSTEMS
STACKING FAULT ENERGY
STRAIN ENERGY METHODS
SURFACE ENERGY
THERMAL ENERGY
THERMONUCLEAR POWER GENERATION
TRANSPORTATION ENERGY
WATERWAVE ENERGY
WORK

ENERGY ABSORPTION

UF NONREFLECTION
GS **ENERGY ABSORPTION**
.. ELECTROMAGNETIC ABSORPTION
.. AURORAL ABSORPTION
.. GAMMA RAY ABSORPTION
.. INFRARED ABSORPTION
.. MULTIPHOTON ABSORPTION
.. PHOTOABSORPTION
.. POLAR CAP ABSORPTION
.. ULTRAVIOLET ABSORPTION
.. X RAY ABSORPTION
.. MODERATION (ENERGY ABSORPTION)
.. THERMALIZATION (ENERGY ABSORPTION)
.. NEUTRON THERMALIZATION
.. MOLECULAR ABSORPTION
.. SELF ABSORPTION
.. THERMAL ABSORPTION
.. POLAR CAP ABSORPTION
RT **ABSORBERS (MATERIALS)**
.. **ABSORPTION**
.. DAMPING
.. GAMMA RAY ABSORPTIOMETRY
.. HEAT SINKS
.. INFRARED RADIATION
.. LIGHT (VISIBLE RADIATION)
.. PHOTON ABSORPTIOMETRY
.. SHOCK ABSORBERS
.. SOUND TRANSMISSION
.. VIBRATION ISOLATORS

ENERGY ABSORPTION FILMS

GS THIN FILMS
.. **ENERGY ABSORPTION FILMS**
RT ALUMINUM OXIDES
COATINGS
DIRECT POWER GENERATORS
GOLAY DETECTOR CELLS
MONOMOLECULAR FILMS
PHOTOELECTRIC CELLS
PHOTOTHERMAL CONVERSION
PHOTOVOLTAIC CONVERSION
SEMICONDUCTING FILMS
SOLAR ENERGY

ENERGY BANDS

GS **ENERGY BANDS**
.. BLOCH BAND
.. CONDUCTION BANDS
.. FORBIDDEN BANDS
RT .. **BANDS**
.. EXCITONS
.. LASER WINDOWS
.. SPECTRAL BANDS
.. WINDOWS (INTERVALS)

ENERGY BUDGETS

GS **ENERGY BUDGETS**
.. HEAT BUDGET
.. ATMOSPHERIC HEAT BUDGET
RT .. **BUDGETS**

ENERGY CONSERVATION

GS CONSERVATION
.. **ENERGY CONSERVATION**
RT .. **ENERGY**
.. ENERGY POLICY
.. RESIDENTIAL ENERGY
.. RESOURCE ALLOCATION
.. RESOURCES

ENERGY CONSUMPTION

GS CONSUMPTION
.. **ENERGY CONSUMPTION**
RT COAL UTILIZATION
COMMERCIAL ENERGY
DOMESTIC ENERGY

ENERGY CONSUMPTION-(CONT.)

.. ENERGY SOURCES
FUEL CONSUMPTION
INDUSTRIAL ENERGY

ENERGY CONVERSION

GS **ENERGY CONVERSION**
.. BIOMASS ENERGY PRODUCTION
.. GEOTHERMAL ENERGY CONVERSION
.. OCEAN THERMAL ENERGY CONVERSION
.. PHOTOTHERMAL CONVERSION
.. SATELLITE SOLAR ENERGY CONVERSION
.. SOLAR ENERGY CONVERSION
.. SOLAR TOTAL ENERGY SYSTEMS
.. WATERWAVE ENERGY CONVERSION
RT COGENERATION
COMMERCIAL ENERGY
DIRECT POWER GENERATORS
DOMESTIC ENERGY
GEOTHERMAL ENERGY EXTRACTION
HYDROGEN PRODUCTION
HYDROTHERMAL SYSTEMS
INDUSTRIAL ENERGY
INTEGRATED ENERGY SYSTEMS
LIGNITE
ORGANIC WASTES (FUEL CONVERSION)
POWER CONDITIONING
SATELLITE SOLAR POWER STATIONS
SOLAR PONDS (HEAT STORAGE)
SOLAR SEA POWER PLANTS
SPACE INDUSTRIALIZATION
TRANSPORTATION ENERGY
WASTE ENERGY UTILIZATION

ENERGY CONVERSION EFFICIENCY

GS EFFICIENCY
.. **ENERGY CONVERSION EFFICIENCY**
RT CARRIER TRANSPORT (SOLID STATE)
DIRECT POWER GENERATORS
ENERGY ABSORPTION
ENGINES
FUEL CELLS
.. **GENERATORS**
.. MOTORS
.. OPEN CIRCUIT VOLTAGE
.. PHOTOTHERMAL CONVERSION
.. POWER CONDITIONING
.. QUANTUM EFFICIENCY
.. REDOX CELLS
.. TIDE POWERED GENERATORS
.. TRANSDUCERS
.. WATERWAVE ENERGY CONVERSION

ENERGY CONVERTERS

USE DIRECT POWER GENERATORS

ENERGY DENSITY

USE FLUX DENSITY

ENERGY DISSIPATION

UF ENERGY LOSSES
GS DISSIPATION
.. **ENERGY DISSIPATION**
RT FRICTION
INSERTION LOSS
LAGRANGE SIMILARITY HYPOTHESIS
LOSSES
NONADIABATIC THEORY
TRAVELING CHARGE

ENERGY DISTRIBUTION

GS DISTRIBUTION (PROPERTY)
.. **ENERGY DISTRIBUTION**
.. SPECTRAL ENERGY DISTRIBUTION
RT EQUIPARTITION THEOREM
FLUX DENSITY
FORCE DISTRIBUTION
INTEGRATED ENERGY SYSTEMS
QUANTUM MECHANICS
STATISTICAL MECHANICS

ENERGY EQUIPARTITION

USE EQUIPARTITION THEOREM

ENERGY EXCHANGE

USE ENERGY TRANSFER

ENERGY GAPS (SOLID STATE)

GS GAPS
.. **ENERGY GAPS (SOLID STATE)**
RT BAND STRUCTURE OF SOLIDS
SOLID STATE

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ENERGY GAPS (SOLID STATE)-(CONT.)

.. SOLID STATE PHYSICS

ENERGY LEVELS

UF ELECTRONIC LEVELS
GS LEVEL (QUANTITY)
.. **ENERGY LEVELS**
.. ATOMIC ENERGY LEVELS
.. ELECTRON STATES
.. GROUND STATE
.. MOLECULAR ENERGY LEVELS
.. INTERMOLECULAR FORCES
RT ATOMIC EXCITATIONS
ATOMIC STRUCTURE
ELECTRON TUNNELING
EXCITATION
FERMI SURFACES
MOLECULAR EXCITATION
NUCLEAR CAPTURE
NUCLEAR MODELS
NUCLEAR QUADRUPOLE RESONANCE
NUCLEAR SPIN
NUCLEAR STRUCTURE
POPULATION INVERSION
QUANTUM NUMBERS
QUANTUM THEORY

ENERGY LOSSES

USE ENERGY DISSIPATION

ENERGY METHODS

GS STRUCTURAL ANALYSIS
.. **ENERGY METHODS**
.. BERNSTEIN ENERGY PRINCIPLE
.. STRAIN ENERGY METHODS
RT CASTIGLIANO VARIATIONAL THEOREM
MATRICES (MATHEMATICS)
.. **METHODOLOGY**
.. STRESS ANALYSIS

ENERGY OF FORMATION

GS CHEMICAL ENERGY
.. **ENERGY OF FORMATION**
RT .. **ENERGY**
.. FREE ENERGY
.. MOLECULAR ENERGY LEVELS

ENERGY POLICY

GS POLICIES
.. **ENERGY POLICY**
RT ABUNDANCE
AVAILABILITY
COAL
COAL GASIFICATION
COAL LIQUEFACTION
COAL UTILIZATION
CONSERVATION
CRUDE OIL
DEPLETION
.. **DEVELOPMENT**
.. EARTH RESOURCES
.. ECOLOGY
.. ECONOMIC FACTORS
.. ENERGY CONSERVATION
.. FUEL OILS
.. FUELS
.. HYDROCARBON FUELS
.. LAND USE
.. LIGNITE
.. LOGISTICS
.. MINING
.. **NUCLEAR ENERGY**
.. NUCLEAR FUELS
.. OIL EXPLORATION
.. OILS
.. OPERATING COSTS
.. POLLUTION
.. REFINING
.. RESERVES
.. RESOURCE ALLOCATION
.. RESOURCES
.. SAFETY

ENERGY REQUIREMENTS

RT .. **ENERGY SOURCES**
.. FUEL CONSUMPTION
.. POWER SUPPLIES

.. ENERGY SOURCES

SN (USE OF A MORE SPECIFIC TERM IS RECOMMENDED-CONSULT THE TERMS LISTED BELOW)
RT ATMOSPHERIC ENERGY SOURCES
AUXILIARY POWER SOURCES
BIOMASS ENERGY PRODUCTION

ENERGY SOURCES-(CONT.)

ELECTRIC BATTERIES
ELECTRIC GENERATORS
ELECTRON SOURCES
ENERGY CONSUMPTION
ENERGY REQUIREMENTS
ENERGY TECHNOLOGY
GEOTHERMAL RESOURCES
HEAT SOURCES
LITHIUM SULFUR BATTERIES
OCEAN THERMAL ENERGY CONVERSION
PLASMA POWER SOURCES
POINT SOURCES
PROPELLANTS
RECTIFIERS
SPACECRAFT POWER SUPPLIES
TIDEPower
WATERWAVE ENERGY CONVERSION

ENERGY SPECTRA

GS SPECTRA
 . **ENERGY SPECTRA**
 . . ELECTRONIC SPECTRA
 . . NEUTRON SPECTRA
RT ABSORPTION SPECTRA
ELECTROMAGNETIC SPECTRA
GAMMA RAY ASTRONOMY
GRIST (TELESCOPE)
MASS SPECTRA
MOLECULAR SPECTRA
PLASMA SPECTRA
POWER SPECTRA
RADIATION SPECTRA
SHOCK SPECTRA
SPECTRAL ENERGY DISTRIBUTION
VIBRATIONAL SPECTRA

ENERGY STORAGE

UF ENERGY STORAGE DEVICES
GS **ENERGY STORAGE**
 . ELECTRIC ENERGY STORAGE
 . HEAT STORAGE
RT CAPACITORS
COMPRESSED AIR
ELECTRETS
ELECTRIC BATTERIES
FLYWHEELS
FUEL CELLS
FUELS
GEOTHERMAL ENERGY UTILIZATION
HEAT SOURCES
INDUCTORS
LEAD ACID BATTERIES
NICKEL HYDROGEN BATTERIES
∞NUCLEAR ENERGY
POTENTIAL ENERGY
REDOX CELLS
REGENERATORS
ROADWAY POWERED VEHICLES
SPRINGS (ELASTIC)
∞STORAGE
SUPERCONDUCTORS

ENERGY STORAGE DEVICES

USE ENERGY STORAGE

ENERGY TECHNOLOGY

GS TECHNOLOGIES
 . **ENERGY TECHNOLOGY**
 . . GEOTHERMAL TECHNOLOGY
RT ATMOSPHERIC ENERGY SOURCES
BIOMASS ENERGY PRODUCTION
COAL UTILIZATION
COMBINED CYCLE POWER GENERATION
EARTH RESOURCES
ELECTROSTATIC BONDING
∞ENERGY SOURCES
FUEL CELL POWER PLANTS
GAS RECOVERY
GEOTHERMAL ENERGY EXTRACTION
HYDROCARBON FUEL PRODUCTION
HYDROGEN-BASED ENERGY
LIGNITE
OFFSHORE ENERGY SOURCES
OIL RECOVERY
PHOSPHORIC ACID FUEL CELLS
PHOTOELECTROCHEMICAL DEVICES
PHOTOTHERMAL CONVERSION
QUANTUM EFFICIENCY
RESIDENTIAL ENERGY
SOLAR COOLING
SOLAR ENERGY CONVERSION
SOLAR HOUSES
SPACE COOLING (BUILDINGS)
TROMBE WALLS

ENERGY TRANSFER

UF ENERGY EXCHANGE
GS **ENERGY TRANSFER**
RT . LINEAR ENERGY TRANSFER (LET)
ANTENNA COUPLERS
COUPLING CIRCUITS
CYCLOTRON RESONANCE
ELECTRON PUMPING
GAS TRANSPORT
GAS-LIQUID INTERACTIONS
HEAT TRANSFER
HEISENBERG THEORY
LAGRANGE SIMILARITY HYPOTHESIS
MASS TRANSFER
MOMENTUM TRANSFER
NONADIABATIC CONDITIONS
NONISOTHERMAL PROCESSES
NUCLEAR PUMPING
PLASMA HEATING
POYNTING THEOREM
RADIATIVE TRANSFER
TERMINAL BALLISTICS
TRANSFERRING

ENGINE AIRFRAME INTEGRATION

RT AERODYNAMIC CHARACTERISTICS
AERODYNAMIC CONFIGURATIONS
AIRCRAFT DESIGN
AIRCRAFT ENGINES
AIRFRAMES

ENGINE ANALYZERS

GS MEASURING INSTRUMENTS
 . ANALYZERS
 . . **ENGINE ANALYZERS**

ENGINE CONTROL

GS **ENGINE CONTROL**
 . ROCKET ENGINE CONTROL
 . TURBOJET ENGINE CONTROL
RT AIRCRAFT CONTROL
AUTOMATIC CONTROL
COMBUSTION CONTROL
∞CONTROL
ELECTRIC CONTROL
FLIGHT INSTRUMENTS
FUEL CONTROL
HYDRAULIC CONTROL
MANUAL CONTROL
PNEUMATIC CONTROL
REMOTE CONTROL
SPACECRAFT CONTROL
SPEED CONTROL
TEMPERATURE CONTROL
THRUST CONTROL
VARIABLE STREAM CONTROL ENGINES

ENGINE COOLANTS

GS COOLANTS
 . **ENGINE COOLANTS**
RT COOLING
COOLING SYSTEMS

ENGINE DESIGN

GS **ENGINE DESIGN**
 . ROCKET ENGINE DESIGN
RT AIRCRAFT DESIGN
COMPUTERIZED DESIGN
∞DESIGN
HELICOPTER DESIGN
MISSILE DESIGN
NOZZLE DESIGN
PRODUCT DEVELOPMENT
REACTOR DESIGN
SPACECRAFT DESIGN

ENGINE FAILURE

GS FAILURE
 . **ENGINE FAILURE**
RT ABORTED MISSIONS
∞CUT-OFF
INGESTION (ENGINES)
∞STALLING

ENGINE INLETS

GS INTAKE SYSTEMS
 . AIR INTAKES
 . . **ENGINE INLETS**
RT BYPASS RATIO
∞DIFFUSERS
HYPERSONIC INLETS
INLET AIRFRAME CONFIGURATIONS
INLET NOZZLES
INLET TEMPERATURE
INTERNAL COMPRESSION INLETS

ENGINE INLETS-(CONT.)

NACELLES

ENGINE MONITORING INSTRUMENTS

GS MEASURING INSTRUMENTS
 . **ENGINE MONITORING INSTRUMENTS**
RT FLIGHT INSTRUMENTS

ENGINE NOISE

GS ELASTIC WAVES
 . SOUND WAVES
 . . NOISE (SOUND)
 . . . **ENGINE NOISE**
 ROCKET ENGINE NOISE
RT AIRCRAFT NOISE
AIRCRAFT RUNUP
JET AIRCRAFT NOISE
QUIET ENGINE PROGRAM

ENGINE PARTS

RT CARBURETORS
CLUTCHES
COMBUSTION CHAMBERS
∞COMPONENTS
FLYWHEELS
INTERNAL COMBUSTION ENGINES
PISTONS
RETIREMENT FOR CAUSE
ROCKET LININGS
SPARE PARTS
TURBINE BLADES
TURBINE WHEELS
VALVES

ENGINE PRIMERS

RT INTERNAL COMBUSTION ENGINES
∞PRIMERS
STARTING

ENGINE STARTERS

GS STARTERS
 . **ENGINE STARTERS**
RT ENGINES
INTERNAL COMBUSTION ENGINES
JET ENGINES

ENGINE TESTING LABORATORIES

GS LABORATORIES
 . **ENGINE TESTING LABORATORIES**
 . TEST FACILITIES
RT **ENGINE TESTING LABORATORIES**
ENGINES

ENGINE TESTS

GS **ENGINE TESTS**
 . COLD FLOW TESTS
 . PREFIRING TESTS
 . SPACE ELECTRIC ROCKET TESTS
 . . STATIC FIRING
RT AIRCRAFT RUNUP
ALTITUDE TESTS
CAPTIVE TESTS
FLIGHT TESTS
FUEL TESTS
FULL SCALE TESTS
GROUND TESTS
LUBRICANT TESTS
MISSILE TESTS
NONDESTRUCTIVE TESTS
PRELAUNCH TESTS
PROPELLANT TESTS
PROPULSIVE EFFICIENCY
ROCKET ENGINE DESIGN
ROCKET TEST FACILITIES
SERT 1 SPACECRAFT
SERT 2 SPACECRAFT
STATIC TESTS
TEST FIRING
TEST STANDS
TESTING TIME
∞TESTS
VIBRATION TESTS

∞ENGINEERING

SN *(USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)*
RT AERONAUTICAL ENGINEERING
AEROSPACE ENGINEERING
AIRPLANE PRODUCTION COSTS
ANTHROPOMETRY
BIOENGINEERING
BIOINSTRUMENTATION
BIOMETRICS
BIOTELEMETRY

ENGINEERING DEVELOPMENT

ENGINEERING-(CONT.)

BODY MEASUREMENT (BIOLOGY)
 CHEMICAL ENGINEERING
 ELECTRICAL ENGINEERING
 ENVIRONMENTAL ENGINEERING
 MAN MACHINE SYSTEMS
 MECHANICAL ENGINEERING
 PRODUCTION ENGINEERING
 REACTOR TECHNOLOGY
 RELIABILITY ENGINEERING
 STRUCTURAL ENGINEERING
 SYSTEMS ENGINEERING
 UNDERWATER ENGINEERING
 VALUE ENGINEERING

ENGINEERING DEVELOPMENT

USE PRODUCT DEVELOPMENT

ENGINEERING DRAWINGS

UF MECHANICAL DRAWINGS
 GS DOCUMENTS
 . ENGINEERING DRAWINGS
 . BLUEPRINTS
 DRAWINGS
 . ENGINEERING DRAWINGS
 . BLUEPRINTS
 RT CIRCUIT DIAGRAMS
 DESCRIPTIVE GEOMETRY
 ∞ DESIGN
 DIMENSIONS
 GRAPHIC ARTS
 LAYOUTS
 LOFTING
 REPRODUCTION (COPYING)

ENGINEERING MANAGEMENT

GS MANAGEMENT
 . INDUSTRIAL MANAGEMENT
 . ENGINEERING MANAGEMENT
 RT ALLOCATIONS
 ∞ BUDGETS
 GOALS
 MANPOWER
 PRIORITIES
 RESEARCH MANAGEMENT
 RESOURCE ALLOCATION
 RESOURCES

ENGINEERING TEST REACTORS

UF ETR (REACTORS)
 GS NUCLEAR REACTORS
 . ENGINEERING TEST REACTORS
 RT REACTOR DESIGN
 REACTOR TECHNOLOGY

ENGINES

SN (MACHINES WITH SELF-CONTAINED
 POWER SOURCES FOR CONTINUOUS
 OPERATION- SEE MOTORS FOR
 MACHINES UTILIZING EXTERNAL POWER
 SOURCES FOR NORMAL OPERATION)
 GAS GENERATOR ENGINES
 UF ENGINES
 GS . AIR BREATHING ENGINES
 . GAS TURBINE ENGINES
 . JET ENGINES
 RAMJET ENGINES
 LOW VOLUME RAMJET ENGINES
 PULSEJET ENGINES
 SUPERSONIC COMBUSTION
 RAMJET ENGINES
 TURBORAMJET ENGINES
 TURBOJET ENGINES
 BRISTOL-SIDDELEY OLYMPUS
 593 ENGINE
 BRISTOL-SIDDELEY VIPER
 ENGINE
 DUCTED FAN ENGINES
 J-33 ENGINE
 J-34 ENGINE
 J-40 ENGINE
 J-47 ENGINE
 J-57 ENGINE
 J-57-P-20 ENGINE
 J-65 ENGINE
 J-69-T-25 ENGINE
 J-71 ENGINE
 J-73 ENGINE
 J-75 ENGINE
 J-79 ENGINE
 J-85 ENGINE
 J-93 ENGINE
 RA-28 ENGINE
 TURBOFAN ENGINES

ENGINES-(CONT.)

. BRISTOL-SIDDELEY BS 53
 ENGINE
 CF-700 ENGINE
 J-97 ENGINE
 STF-102 ENGINE
 TF-41 ENGINE
 TF-106 ENGINE
 TURBOPROP ENGINES
 T-53 ENGINE
 T-56 ENGINE
 T-64 ENGINE
 T-74 ENGINE
 TURBORAMJET ENGINES
 PTL-6 ENGINE
 T-58-GE-88 ENGINE
 EXTERNAL COMBUSTION ENGINES
 INTERNAL COMBUSTION ENGINES
 DIESEL ENGINES
 GAS TURBINE ENGINES
 HYDROGEN ENGINES
 JET ENGINES
 RAMJET ENGINES
 LOW VOLUME RAMJET ENGINES
 PULSEJET ENGINES
 SUPERSONIC COMBUSTION
 RAMJET ENGINES
 TURBORAMJET ENGINES
 T-63 ENGINE
 T-76 ENGINE
 TURBOJET ENGINES
 BRISTOL-SIDDELEY OLYMPUS
 593 ENGINE
 BRISTOL-SIDDELEY VIPER
 ENGINE
 DUCTED FAN ENGINES
 J-33 ENGINE
 J-34 ENGINE
 J-40 ENGINE
 J-47 ENGINE
 J-52 ENGINE
 J-57 ENGINE
 J-57-P-20 ENGINE
 J-65 ENGINE
 J-69-T-25 ENGINE
 J-71 ENGINE
 J-73 ENGINE
 J-75 ENGINE
 J-79 ENGINE
 J-85 ENGINE
 J-93 ENGINE
 RA-28 ENGINE
 TURBOFAN ENGINES
 BRISTOL-SIDDELEY BS 53
 ENGINE
 CF-700 ENGINE
 J-97 ENGINE
 STF-102 ENGINE
 TF-30 ENGINE
 TF-41 ENGINE
 TF-106 ENGINE
 TURBOPROP ENGINES
 T-34 ENGINE
 T-38 ENGINE
 T-53 ENGINE
 T-56 ENGINE
 T-64 ENGINE
 T-74 ENGINE
 T-78 ENGINE
 TURBORAMJET ENGINES
 PTL-6 ENGINE
 T-58 ENGINE
 T-58-GE-88 ENGINE
 HELICOPTER ENGINES
 WANKEL ENGINES
 J-84 ENGINE
 JATO ENGINES
 ROCKET ENGINE 2KS-36250
 ROCKET ENGINE 15KS-25000
 MARQUARDT R4D ENGINE
 PISTON ENGINES
 DIESEL ENGINES
 PULSED JET ENGINES
 ROCKET ENGINES
 BOOSTER ROCKET ENGINES
 AJ-10 ENGINE
 ALGOL ENGINE
 APOGEE BOOST MOTORS
 H-1 ENGINE
 LR-59-AJ-13 ENGINE
 LR-87-AJ-3 ENGINE
 LR-87-AJ-5 ENGINE
 M-1 ENGINE
 M-55 ENGINE
 MA-2 ENGINE
 MA-3 ENGINE

ENGINES-(CONT.)

. MA-5 ENGINE
 NIKE BOOSTER ROCKET ENGINES
 P-1 ENGINE
 ROCKET ENGINE 2KS-36250
 ROCKET ENGINE 9KS-11000
 ROCKET ENGINE 15KS-25000
 TU-122 ENGINE
 TX-135 ENGINE
 X-405 ENGINE
 DUCTED ROCKET ENGINES
 ELECTRIC ROCKET ENGINES
 ELECTROSTATIC ENGINES
 ELECTROTHERMAL ENGINES
 ARC JET ENGINES
 XT-761 ENGINE
 RESISTOJET ENGINES
 ION ENGINES
 CESIUM ENGINES
 MERCURY ION ENGINES
 RIT ENGINES
 HEUS ROCKET ENGINES
 HOT WATER ROCKET ENGINES
 HYBRID PROPELLANT ROCKET
 ENGINES
 LITHEROL ROCKET ENGINES
 LIQUID PROPELLANT ROCKET
 ENGINES
 AJ-10 ENGINE
 BRISTOL-SIDDELEY MK 301 ENGINE
 F-1 ROCKET ENGINE
 H-1 ENGINE
 HYDRAZINE ENGINES
 HYDROGEN OXYGEN ENGINES
 J-2 ENGINE
 M-1 ENGINE
 RL-10-A-1 ENGINE
 RL-10-A-3 ENGINE
 LIQUID AIR CYCLE ENGINES
 LR-59-AJ-13 ENGINE
 LR-62 ENGINE
 LR-62-RM-2 ENGINE
 LR-87-AJ-3 ENGINE
 LR-87-AJ-5 ENGINE
 LR-91-AJ-3 ENGINE
 LR-91-AJ-5 ENGINE
 LR-99 ENGINE
 MA-2 ENGINE
 MA-3 ENGINE
 MA-5 ENGINE
 RL-10 ENGINES
 RL-10-A-1 ENGINE
 RL-10-A-3 ENGINE
 SPACE SHUTTLE MAIN ENGINE
 X-405 ENGINE
 XLR-58 ENGINE
 XLR-81-BA-13 ENGINE
 XLR-99 ENGINE
 YLR-91-AJ-1 ENGINE
 YLR-115 ENGINE
 M-100 ENGINE
 MICROROCKET ENGINES
 ORBIT MANEUVERING ENGINE
 (SPACE SHUTTLE)
 NOZZLELESS ROCKET ENGINES
 NUCLEAR ENGINE FOR ROCKET
 VEHICLES
 NUCLEAR RAMJET ENGINES
 NUCLEAR ROCKET ENGINES
 NUCLEAR LIGHTBULB ENGINES
 RESTARTABLE ROCKET ENGINES
 RETROCKET ENGINES
 BE-3 ENGINE
 TE-385 ENGINE
 REUSABLE ROCKET ENGINES
 SOLID PROPELLANT ROCKET
 ENGINES
 ALGOL ENGINE
 APOGEE BOOST MOTORS
 ASROC ENGINE
 EM-36 ROCKET ENGINE
 HERCULES ENGINE
 M-46 ENGINE
 M-55 ENGINE
 M-56 ENGINE
 M-57 ENGINE
 MG-18 ENGINE
 NIKE BOOSTER ROCKET ENGINES
 P-1 ENGINE
 ROCKET ENGINE 1KS-420
 ROCKET ENGINE 2KS-36250
 ROCKET ENGINE 15KS-25000
 SL-3 ROCKET ENGINE
 SYNCOM APOGEE ENGINES
 TE-289 ENGINE
 TU-121 ENGINE

ENGINES-(CONT.)

. . . TU-122 ENGINE
 . . . TX-77 ENGINE
 . . . TX-135 ENGINE
 . . . TX-354 ENGINE
 . . . X-235 ENGINE
 . . . X-248 ENGINE
 . . . X-254 ENGINE
 . . . X-258 ENGINES
 . . . X-258-A1 ENGINE
 . . . X-258-B1 ENGINE
 . . . X-259 ENGINE
 . . . XM-33 ENGINE
 . . . SUSTAINER ROCKET ENGINES
 . . . MG-18 ENGINE
 . . . TURBOROCKET ENGINES
 . . . ULLAGE ROCKET ENGINES
 . . . UPPER STAGE ROCKET ENGINES
 . . . VERNIER ENGINES
 . . . SYNCOM APOGEE ENGINES
 . . . TORPEDO ENGINES
 . . . TURBOROCKET ENGINES
 . . . ULLAGE ROCKET ENGINES
 . . . VERNIER ENGINES
 . . . CONTROL ROCKETS
 . . . SYNCOM APOGEE ENGINES
 . . . YLR-101-NA-13 ENGINE
 . . . YLR-101-NA-15 ENGINE
 . . . TURBINE ENGINES
 . . . GAS TURBINE ENGINES
 . . . JET ENGINES
 . . . RAMJET ENGINES
 . . . LOW VOLUME RAMJET ENGINES
 . . . PULSEJET ENGINES
 . . . SUPERSONIC COMBUSTION
 . . . RAMJET ENGINES
 . . . TURBORAMJET ENGINES
 . . . T-63 ENGINE
 . . . T-76 ENGINE
 . . . TURBOJET ENGINES
 . . . BRISTOL-SIDDELEY OLYMPUS
 . . . 593 ENGINE
 . . . BRISTOL-SIDDELEY VIPER
 . . . ENGINE
 . . . DUCTED FAN ENGINES
 . . . J-33 ENGINE
 . . . J-34 ENGINE
 . . . J-40 ENGINE
 . . . J-47 ENGINE
 . . . J-52 ENGINE
 . . . J-57 ENGINE
 . . . J-57-P-20 ENGINE
 . . . J-65 ENGINE
 . . . J-69-T-25 ENGINE
 . . . J-71 ENGINE
 . . . J-73 ENGINE
 . . . J-75 ENGINE
 . . . J-79 ENGINE
 . . . J-85 ENGINE
 . . . J-93 ENGINE
 . . . RA-28 ENGINE
 . . . TURBOFAN ENGINES
 . . . BRISTOL-SIDDELEY BS 53
 . . . ENGINE
 . . . CF-700 ENGINE
 . . . J-97 ENGINE
 . . . STF-102 ENGINE
 . . . TF-30 ENGINE
 . . . TF-41 ENGINE
 . . . TF-106 ENGINE
 . . . TURBOPROP ENGINES
 . . . T-34 ENGINE
 . . . T-38 ENGINE
 . . . T-53 ENGINE
 . . . T-56 ENGINE
 . . . T-64 ENGINE
 . . . T-74 ENGINE
 . . . T-78 ENGINE
 . . . TURBORAMJET ENGINES
 . . . PTL-6 ENGINE
 . . . T-58 ENGINE
 . . . T-58-GE-88 ENGINE
 . . . VARIABLE CYCLE ENGINES
 . . . VARIABLE STREAM CONTROL ENGINES
 RT AUXILIARY PROPULSION
 CARBURETORS
 COMBUSTION CHAMBERS
 DISPLACEMENT
 ENERGY CONVERSION EFFICIENCY
 ENGINE STARTERS
 ENGINE TESTING LABORATORIES
 EXHAUST SYSTEMS
 EXPENDABLE STAGES (SPACECRAFT)
 FUEL CONSUMPTION
 FUEL SYSTEMS
 GEOTHERMAL ENERGY CONVERSION

ENGINES-(CONT.)

HEAT SOURCES
 IGNITION SYSTEMS
 LUBRICATION
 ∞ MACHINERY
 MISSILE COMPONENTS
 MOTORS
 ∞ POWER PLANTS
 PROPULSION
 REACTION PRODUCTS
 SHUTDOWNS
 SPEED REGULATORS
 SUPERSONIC COMBUSTION
 THERMODYNAMIC EFFICIENCY
 THERMODYNAMICS
 TRANSPORTATION ENERGY
 TURBINES
 ∞ VEHICLES

ENGLAND

GS UNITED KINGDOM
 . ENGLAND

ENGLISH CHANNEL

RT ATLANTIC OCEAN
 FRANCE
 NORTH SEA
 UNITED KINGDOM

ENGLISH ELECTRIC AIRCRAFT

GS BAC AIRCRAFT
 . ENGLISH ELECTRIC AIRCRAFT
 . . CANBERRA AIRCRAFT
 RT ∞ AIRCRAFT

ENGLISH ELECTRIC CANBERRA AIRCRAFT

USE CANBERRA AIRCRAFT

ENGLISH LANGUAGE

GS LANGUAGES
 . ENGLISH LANGUAGE
 RT SPEECH
 WORDS (LANGUAGE)

ENGRAVING

RT ETCHING
 PRINTING

ENHANCEMENT

USE AUGMENTATION

ENLARGING

USE EXPANSION

ENRICHMENT

GS ENRICHMENT
 . ISOTOPIC ENRICHMENT
 . . JET MEMBRANE PROCESS
 RT BENEFICIATION
 CONCENTRATING
 PURIFICATION
 REFINING
 UPGRADING

ENRICO FERMÍ ATOMIC POWER PLANT

GS ELECTRIC POWER PLANTS
 . NUCLEAR POWER PLANTS
 . . ENRICO FERMÍ ATOMIC POWER
 PLANT
 NUCLEAR ELECTRIC POWER
 GENERATION
 . NUCLEAR POWER PLANTS
 . . ENRICO FERMÍ ATOMIC POWER
 PLANT
 RT BREEDER REACTORS
 FAST NUCLEAR REACTORS
 LIQUID METAL COOLED REACTORS
 ∞ POWER PLANTS

ENSKOG-CHAPMAN THEORY

USE CHAPMAN-ENSKOG THEORY

ENSTATITE

GS CHALCOGENIDES
 . OXIDES
 . . PYROXENES
 . . . ENSTATITE
 MAGNESIUM COMPOUNDS
 . ENSTATITE
 MINERALS
 . PYROXENES
 . . ENSTATITE
 SILICON COMPOUNDS
 . SILICATES

ENSTATITE-(CONT.)

. . PYROXENES
 . . . ENSTATITE
 RT CHONDRULE
 IGNEOUS ROCKS
 REGOLITH
 ROCKS
 SOILS

ENSTROM AIRCRAFT

GS ENSTROM AIRCRAFT
 . F-28 HELICOPTER
 RT ∞ AIRCRAFT

ENTERPRISE (ORBITER)

USE SPACE SHUTTLE ORBITER 101

ENTHALPY

UF HEAT CONTENT
 GS THERMODYNAMIC PROPERTIES
 . ENTHALPY
 RT ADIABATIC CONDITIONS
 DRYING
 ∞ ENERGY
 ENTROPY
 FREE ENERGY
 GIBBS FREE ENERGY
 GIBBS-HELMHOLTZ EQUATIONS
 HEAT
 HEAT MEASUREMENT
 HEAT OF FUSION
 JOULE-THOMSON EFFECT
 MOLLIER DIAGRAM
 SPECIFIC HEAT
 THERMOCHEMISTRY
 THERMODYNAMICS

ENTHALPY-ENTROPY DIAGRAMS

USE MOLLIER DIAGRAM

ENTIRE FUNCTIONS

UF INTEGRAL FUNCTIONS
 GS ANALYSIS (MATHEMATICS)
 . COMPLEX VARIABLES
 . . ANALYTIC FUNCTIONS
 . . . ENTIRE FUNCTIONS
 FUNCTIONS (MATHEMATICS)
 . ANALYTIC FUNCTIONS
 . . ENTIRE FUNCTIONS

ENTOMOLOGY

RT INSECTICIDES
 INSECTS
 ∞ ZOOLOGY

ENTRAINMENT

RT AERATION
 AEROSOLS
 BLOWING
 COANDA EFFECT
 DISPERSING
 SPRAYING
 SUSPENDING (MIXING)

ENTRANCES

RT CURTAINS
 DOORS
 INTAKE SYSTEMS
 ∞ THRESHOLDS
 TRANSFER TUNNELS

ENTRAPMENT

RT ACCUMULATORS
 CONFUSION
 ESCAPE (ABANDONMENT)
 RADIATION BELTS
 TANGLING
 TRAPS

ENTROPY

GS THERMODYNAMIC PROPERTIES
 . ENTROPY
 RT CROCCO METHOD
 ∞ ENERGY
 ENTHALPY
 HEAT
 MAXIMUM ENTROPY METHOD
 MOLLIER DIAGRAM
 NONISENTROPICITY
 SHANNON-WIENER MEASURE
 TEPHIGRAMS
 THERMOCHEMISTRY
 THERMODYNAMICS

ENTROPY (STATISTICS)

- ENTROPY (STATISTICS)**
 GS **ENTROPY (STATISTICS)**
 . MAXIMUM ENTROPY METHOD
 . MINIMUM ENTROPY METHOD
 RT ∞ STATISTICS
- ∞ **ENTRY**
 SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED—CONSULT THE TERMS LISTED BELOW)*
 RT ATMOSPHERIC ENTRY
 REENTRY
 UNCONTROLLED REENTRY (SPACECRAFT)
- ENTRY GUIDANCE (STS)**
 GS GUIDANCE (MOTION)
 . **ENTRY GUIDANCE (STS)**
 RT ATMOSPHERIC ENTRY
 FLIGHT CONTROL
 HYPERSONIC REENTRY
 POINTING CONTROL SYSTEMS
 SPACE SHUTTLES
 SPACE TRANSPORTATION SYSTEM
 FLIGHTS
 SPACECRAFT REENTRY
 TERMINAL GUIDANCE
- ENUMERATION**
 RT COUNTING
 LISTS
 NUMBER THEORY
- ∞ **ENVELOPES**
 SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED—CONSULT THE TERMS LISTED BELOW)*
 RT COVERINGS
 ENCLOSURES
 LIMITS (MATHEMATICS)
- ENVIRONMENT EFFECTS**
 SN (EFFECTS ON ENVIRONMENT)
 RT AIR POLLUTION
 COASTAL ECOLOGY
 COASTAL WATER
 CONTAMINANTS
 CONTAMINATION
 DEBRIS
 DEFORESTATION
 ∞ EFFECTS
 ENVIRONMENTS
 EUTROPHICATION
 EXHAUST GASES
 GREENHOUSE EFFECT
 HABITATS
 ICE ENVIRONMENTS
 MAN ENVIRONMENT INTERACTIONS
 MARINE BIOLOGY
 MARINE ENVIRONMENTS
 METABOLIC WASTES
 NOISE POLLUTION
 POISONS
 POLLUTION
 SEWAGE
 SOIL EROSION
 THERMAL POLLUTION
 WASTE DISPOSAL
 WASTES
 WATER POLLUTION
 WATER QUALITY
 WATER RESOURCES
 WETLANDS...
 WILDLIFE
- ENVIRONMENT MANAGEMENT**
 GS MANAGEMENT
 . **ENVIRONMENT MANAGEMENT**
 RT CONSERVATION
 EARTH RESOURCES
 ENVIRONMENTAL MONITORING
 LAND MANAGEMENT
 LAND USE
 MAN ENVIRONMENT INTERACTIONS
 RESOURCES MANAGEMENT
 WATER MANAGEMENT
 WATER RESOURCES
- ENVIRONMENT MODELS**
 GS MODELS
 . **ENVIRONMENT MODELS**
 RT ATMOSPHERIC MODELS
 EXOBIOLOGY
 TEST CHAMBERS

- ENVIRONMENT POLLUTION**
 GS POLLUTION
 . **ENVIRONMENT POLLUTION**
 . . AIR POLLUTION
 . . . GLOBAL AIR POLLUTION
 . . WATER POLLUTION
 . . OIL POLLUTION
 RT AEROBIOLOGY
 AEROSOLS
 AIR SAMPLING
 CLEAN ENERGY
 EARTH RESOURCES
 ENVIRONMENTAL MONITORING
 ENVIRONMENTAL SURVEYS
 HUMAN WASTES
 METABOLIC WASTES
 NOISE POLLUTION
 OIL SLICKS
 POISONS
 POLLUTION MONITORING
 POLLUTION TRANSPORT
 RADIOACTIVE WASTES
 THERMAL POLLUTION
 WASTE DISPOSAL
- ENVIRONMENT PROTECTION**
 GS PROTECTION
 . **ENVIRONMENT PROTECTION**
 RT AIR POLLUTION
 EFFLUENTS
 ENVIRONMENTAL MONITORING
 POLLUTION
 RADIOACTIVE WASTES
 WASTE DISPOSAL
 WATER POLLUTION
- ENVIRONMENT SIMULATION**
 GS SIMULATION
 . **ENVIRONMENT SIMULATION**
 . . ACOUSTIC SIMULATION
 . . ALTITUDE SIMULATION
 . . SPACE ENVIRONMENT SIMULATION
 . . WEIGHTLESSNESS SIMULATION
 . . THERMAL SIMULATION
 RT ATMOSPHERIC ENTRY SIMULATION
 ATMOSPHERIC MODELS
 ENVIRONMENTAL TESTS
 FLIGHT SIMULATION
- ENVIRONMENT SIMULATORS**
 GS SIMULATORS
 . **ENVIRONMENT SIMULATORS**
 . . LUNAR GRAVITY SIMULATOR
 . . SOLAR SIMULATORS
 . . SPACE SIMULATORS
 . . . HIGH VACUUM ORBITAL SIMULATOR
 . . . LANGLEY COMPLEX COORDINATOR
 RT TEST CHAMBERS
- ENVIRONMENTAL CHAMBERS**
 USE TEST CHAMBERS
- ENVIRONMENTAL CHEMISTRY**
 GS **ENVIRONMENTAL CHEMISTRY**
 . AEROTHERMOCHEMISTRY
 . ATMOSPHERIC CHEMISTRY
 . BIOCHEMISTRY
 . BIOGEOCHEMISTRY
 . ENZYMOLOGY
 . PHYSIOCHEMISTRY
 . GEOCHEMISTRY
 . BIOGEOCHEMISTRY
 RT AIR POLLUTION
 ∞ CHEMISTRY
 CLIMATOLOGY
 HYDROCARBON FUELS
 PESTICIDES
 SMOG
 WASTE DISPOSAL
 WATER POLLUTION
- ENVIRONMENTAL CONTROL**
 RT ANTISEPTICS
 ARTIFICIAL GRAVITY
 AUTOMATIC CONTROL
 BIOSATELLITES
 CABIN ATMOSPHERES
 CLEAN ROOMS
 ∞ CONTROL
 EMERGENCY LIFE SUSTAINING
 SYSTEMS
 ENVIRONMENTS
 HABITABILITY
 MANNED REENTRY
 MANNED SPACECRAFT

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- ENVIRONMENTAL CONTROL-(CONT.)**
 PRESSURIZED CABINS
 RESOURCES MANAGEMENT
 SPACECRAFT CABIN ATMOSPHERES
 SPACECRAFT ENVIRONMENTS
 TEMPERATURE CONTROL
 TEST CHAMBERS
 WEATHER MODIFICATION
 WINDSHIELDS
- ENVIRONMENTAL ENGINEERING**
 RT ∞ AEROSPACE SCIENCES
 CLEAN ENERGY
 CLIMATOLOGY
 COMFORT
 ∞ ENGINEERING
 ENVIRONMENTS
 HEATING
 HUMAN FACTORS ENGINEERING
 ILLUMINATING
 LIFE SCIENCES
 LIFE SUPPORT SYSTEMS
 METEOROLOGY
 ∞ PHYSICAL SCIENCES
 PHYSIOLOGICAL EFFECTS
 PSYCHOLOGICAL EFFECTS
 SHELTERS
 SPACE HEATING (BUILDINGS)
 STARSITE PROGRAM
 TEMPERATURE CONTROL
 TEMPERATURE DISTRIBUTION
 VENTILATION
 WASTE DISPOSAL
- ENVIRONMENTAL INDEX**
 RT PHYSIOLOGICAL TESTS
- ENVIRONMENTAL LABORATORIES**
 GS LABORATORIES
 . **ENVIRONMENTAL LABORATORIES**
 TEST FACILITIES
 . **ENVIRONMENTAL LABORATORIES**
 RT HUMAN FACTORS LABORATORIES
 TEST CHAMBERS
- ENVIRONMENTAL MONITORING**
 RT ENVIRONMENT MANAGEMENT
 ENVIRONMENT POLLUTION
 ENVIRONMENT PROTECTION
 INFRARED RADIOMETERS
 METEOROLOGY
 MONITORS
 OCEANOGRAPHY
 WEATHER FORECASTING
- ENVIRONMENTAL QUALITY**
 GS QUALITY
 . **ENVIRONMENTAL QUALITY**
 . . WATER QUALITY
 RT AIR POLLUTION
 CONTAMINANTS
 ENVIRONMENTS
 GLOBAL AIR SAMPLING PROGRAM
 MARINE BIOLOGY
 NOISE POLLUTION
 POLLUTION
 THERMAL POLLUTION
 WATER POLLUTION
- ENVIRONMENTAL RESEARCH SATELLITES**
 UF OCTAHEDRAL RESEARCH SATELLITES
 GS SATELLITES
 . ARTIFICIAL SATELLITES
 . **ENVIRONMENTAL RESEARCH SATELLITES**
 . . . ERS 17
 . . . ERS 18
 . . . INTASAT SATELLITE
 . EARTH SATELLITES
 . **ENVIRONMENTAL RESEARCH SATELLITES**
 . . . ERS 17
 . . . ERS 18
 . . . INTASAT SATELLITE
 . SCIENTIFIC SATELLITES
 . **ENVIRONMENTAL RESEARCH SATELLITES**
 . . . ERS 17
 . . . ERS 18
 . . . INTASAT SATELLITE
 RT ATLAS AGENA LAUNCH VEHICLES
- ENVIRONMENTAL SURVEYS**
 SN (LIMITED TO INDEXING ENVIRONMENTAL IMPACT STATEMENTS)

ENVIRONMENTAL SURVEYS-(CONT.)

RT AEROSOLS
AIR POLLUTION
EARTH RESOURCES
ENVIRONMENT POLLUTION
HUMAN WASTES
METABOLIC WASTES
POISONS
POLLUTION
POLLUTION CONTROL
RADIOACTIVE WASTES
THERMAL POLLUTION
WASTE DISPOSAL
WATER POLLUTION

ENVIRONMENTAL TEMPERATURE

USE AMBIENT TEMPERATURE

ENVIRONMENTAL TESTS

GS **ENVIRONMENTAL TESTS**
COLD WEATHER TESTS
CORROSION TESTS
SALT SPRAY TESTS
HIGH TEMPERATURE TESTS
LOW TEMPERATURE TESTS
UNDERWATER TESTS
RT ASSET PROJECT
ELECTRONIC EQUIPMENT TESTS
ENVIRONMENT SIMULATION
MATERIALS TESTS
PHYSIOLOGICAL TESTS
PSYCHOLOGICAL TESTS
SPIN TESTS
TEST CHAMBERS
TESTS
THERMAL VACUUM TESTS
VIBRATION TESTS

ENVIRONMENTS

GS **ENVIRONMENTS**
AEROSPACE ENVIRONMENTS
CISLUNAR SPACE
DEEP SPACE
INTERPLANETARY SPACE
INTERSTELLAR SPACE
EARTH ENVIRONMENT
EXTRATERRESTRIAL ENVIRONMENTS
CISLUNAR SPACE
DEEP SPACE
INTERPLANETARY SPACE
INTERSTELLAR SPACE
LUNAR ENVIRONMENT
LUNAR ATMOSPHERES
PLANETARY ENVIRONMENTS
MARS ENVIRONMENT
MARS ATMOSPHERE
PLANETARY ATMOSPHERES
HELIUM HYDROGEN
ATMOSPHERES
JUPITER ATMOSPHERE
MARS ATMOSPHERE
NEPTUNE ATMOSPHERE
SATURN ATMOSPHERE
URANUS ATMOSPHERE
VENUS ATMOSPHERE
SATELLITE ATMOSPHERES
LUNAR ATMOSPHERES
STELLAR ATMOSPHERES
CHROMOSPHERE
SOLAR ATMOSPHERE
FRICTIONLESS ENVIRONMENTS
HETEROSPHERE
HIGH ALTITUDE ENVIRONMENTS
HIGH GRAVITY ENVIRONMENTS
HIGH TEMPERATURE ENVIRONMENTS
ICE ENVIRONMENTS
INNER RADIATION BELT
IONOSPHERE
LOWER IONOSPHERE
LOW TEMPERATURE ENVIRONMENTS
MAGNETOSPHERE
GEOMAGNETIC TAIL
MAGNETOPAUSE
MARINE ENVIRONMENTS
MESOPAUSE
MESOSPHERE
MIDLATITUDE ATMOSPHERE
ROTATING ENVIRONMENTS
SPACECRAFT ENVIRONMENTS
THERMAL ENVIRONMENTS
RT ADIABATIC CONDITIONS
AIR
AIR POLLUTION
AIR QUALITY
AMBIENCE

ENVIRONMENTS-(CONT.)

ATMOSPHERES
COASTAL ECOLOGY
COASTAL PLAINS
CONTROLLED ATMOSPHERES
ECOLOGY
ECONOMIC IMPACT
ELECTROMAGNETIC INTERFERENCE
ENVIRONMENT EFFECTS
ENVIRONMENTAL CONTROL
ENVIRONMENTAL ENGINEERING
ENVIRONMENTAL QUALITY
GLOBAL AIR POLLUTION
GRAVITATION
HABITABILITY
HABITATS
HUMAN FACTORS ENGINEERING
HUMIDITY
LIFE SUPPORT SYSTEMS
NONPOINT SOURCES
PERFORMANCE
PHYSIOLOGICAL EFFECTS
PLANTS (BOTANY)
PRESSURE
PSYCHOLOGICAL EFFECTS
REGIMES
TEMPERATURE
THERMAL POLLUTION
VACUUM EFFECTS
WEIGHTLESSNESS

ENZYME ACTIVITY

GS METABOLISM
ENZYME ACTIVITY
FERMENTATION
RT BIOCONVERSION
DIABETES MELLITUS
DIGESTIVE SYSTEM

ENZYMES

GS **ENZYMES**
ALDOLASE
AMIDASE
CARBONIC ANHYDRASE
CATALASE
CHOLINESTERASE
COENZYMES
CYSTEAMINE
GALACTOKINASE
HEXOKINASE
LYSOZYME
NUCLEASE
OXIDASE
PAPAIN
PEPSIN
PROTEASE
PROTHROMBIN
THROMBIN
TRYPSIN
RT ACTIVATION (BIOLOGY)
CATALYSTS
ENZYMOLGY

ENZYMOLGY

GS ENVIRONMENTAL CHEMISTRY
BIOCHEMISTRY
ENZYMOLOGY
RT DIGESTING
DIGESTIVE SYSTEM
ENZYMES
METABOLISM
NITROGEN METABOLISM

EOCR (REACTOR)

USE EXPERIMENTAL ORGANIC COOLED
REACTORS

EOGO

USE EGO

EOLE SATELLITES

GS SATELLITES
ARTIFICIAL SATELLITES
FRENCH SATELLITES
EOLE SATELLITES
METEOROLOGICAL SATELLITES
EOLE SATELLITES
EARTH SATELLITES
FRENCH SATELLITES
EOLE SATELLITES
METEOROLOGICAL SATELLITES
EOLE SATELLITES
RT FRENCH SPACE PROGRAMS
GEOLE SATELLITES
GEOPHYSICAL SATELLITES

EOPAP

USE EARTH & OCEAN PHYSICS
APPLICATIONS PROGRAM

EOR (RENDEZVOUS)

USE EARTH ORBITAL RENDEZVOUS

EOS

USE LANDSAT SATELLITES

EOS-A

USE LANDSAT E

EOS-B

USE LANDSAT F

EOSINOPHILS

GS ANATOMY
CARDIOVASCULAR SYSTEM
LEUKOCYTES
EOSINOPHILS
BODY FLUIDS
BLOOD
LEUKOCYTES
EOSINOPHILS
CELLS (BIOLOGY)
LEUKOCYTES
EOSINOPHILS
RT CYTOPLASM

EOSS

UF EARTH ORBITING SPACE STATIONS
GS SATELLITES
ARTIFICIAL SATELLITES
ORBITAL SPACE STATIONS
EOSS
EARTH SATELLITES
EOSS
RT ORBITING LUNAR STATIONS

EPE-A

USE EXPLORER 12 SATELLITE

EPE-B

USE EXPLORER 14 SATELLITE

EPE-C

USE EXPLORER 15 SATELLITE

EPE-D

USE EXPLORER 26 SATELLITE

EPHEMERIDES

GS EPHEMERIDES
PLANET EPHEMERIDES
RT ASTRONOMICAL CATALOGS
CELESTIAL MECHANICS
EPHEMERIS TIME
ORBITS
POSITION (LOCATION)

EPHEMERIS TIME

GS TIME
EPHEMERIS TIME
RT EPHEMERIDES
UNIVERSAL TIME

EPICARDIUM

GS ANATOMY
CARDIOVASCULAR SYSTEM
HEART
EPICARDIUM
TISSUES (BIOLOGY)
EPICARDIUM

EPICYCLOIDS

GS GEOMETRY
CURVES (GEOMETRY)
EPICYCLOIDS
EUCLIDEAN-GEOMETRY
ANALYTIC GEOMETRY
EPICYCLOIDS
RT CUSPS (MATHEMATICS)

EPIDEMIOLOGY

GS MEDICAL SCIENCE
EPIDEMIOLOGY
RT INFECTIOUS DISEASES
VACCINES
VETERINARY MEDICINE

EPIDERMIS

GS SKIN (ANATOMY)

EPILEPSY

EPIDERMIS-(CONT.)

RT EPIDERMIS
CONTACT DERMATITIS

EPILEPSY

GS DISEASES
EPILEPSY
RT CRAMPS
HUMAN PATHOLOGY
SHAKING

EPINEPHRINE

UF ADRENALINE
GS DRUGS
EPINEPHRINE
RT NOREPINEPHRINE
ADRENAL GLAND
HEART RATE
STIMULANTS

EPITAXY

GS GROWTH
CRYSTAL GROWTH
EPITAXY
ELECTROEPITAXY
LIQUID PHASE EPITAXY
MOLECULAR BEAM EPITAXY
VAPOR PHASE EPITAXY
RT BIPOLAR TRANSISTORS
CRYSTAL LATTICES
CRYSTAL STRUCTURE
JUNCTION TRANSISTORS

EPITHELIUM

GS SKIN (ANATOMY)
EPITHELIUM
TISSUES (BIOLOGY)
EPITHELIUM
RT ANATOMY
HISTOLOGY

EPNL

USE EFFECTIVE PERCEIVED NOISE LEVELS

EPOCHS

USE TIME MEASUREMENT

EPOXIDATION

GS CHEMICAL REACTIONS
EPOXIDATION
RT OXIDATION

EPOXIDES

USE EPOXY COMPOUNDS

EPOXY COMPOUNDS

UF EPOXIDES
GS EPOXY COMPOUNDS
BORON-EPOXY COMPOUNDS
ENDRIN
ETHYLENE OXIDE
HYOSCINE
PROPYLENE OXIDE
RT ETHERS

EPOXY MATRIX COMPOSITES

GS COMPOSITE MATERIALS
EPOXY MATRIX COMPOSITES
RT FIBER ORIENTATION
LOW DENSITY RESEARCH
MATERIALS
MATRICES
PULTRUSION
SANDWICH STRUCTURES

EPOXY RESINS

GS PLASTICS
SYNTHETIC RESINS
THERMOSETTING RESINS
EPOXY RESINS
RESINS
SYNTHETIC RESINS
THERMOSETTING RESINS
EPOXY RESINS
RT ADHESIVES
BORON REINFORCED MATERIALS
BORON-EPOXY COMPOUNDS
COATINGS
GRAPHITE-EPOXY COMPOSITES
LAY-UP
PREPREGS
RESIN MATRIX COMPOSITES

EQUALIZERS (CIRCUITS)

RT ATTENUATORS
FREQUENCY RESPONSE
PHASE SHIFT
SIGNAL PROCESSING

EQUATIONS

SN (USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)

UF BALANCE EQUATIONS

FORCED VIBRATORY MOTION
EQUATIONS

RT APPROXIMATION
BETHE-SALPETER EQUATION
BOLTZMANN TRANSPORT EQUATION
BRILLOUIN-WIGNER EQUATION
CHAPLYGIN EQUATION
CONSERVATION EQUATIONS
CONSTITUTIVE EQUATIONS
CONTINUITY EQUATION
CUBIC EQUATIONS
DIFFERENCE EQUATIONS
DIFFERENTIAL EQUATIONS
DIOPHANTINE EQUATION
DIRAC EQUATION
DONNELL EQUATIONS
EIKONAL EQUATION
EINSTEIN EQUATIONS
ELBER EQUATION
EQUATIONS OF MOTION
EQUATIONS OF STATE
EQUILIBRIUM EQUATIONS
EULER-LAGRANGE EQUATION
FADDEEV EQUATIONS
FICKS EQUATION
FLOW EQUATIONS
FOKKER-PLANCK EQUATION
GIBBS ADSORPTION EQUATION
GIBBS-HELMHOLTZ EQUATIONS
GLIMM METHOD
HAMILTON-JACOBI EQUATION
HYDRODYNAMIC EQUATIONS
IDENTITIES
IN HOUR EQUATION
INTEGRAL EQUATIONS
KORTEWEG-DEVIRES EQUATION
LANDAU-GINZBURG EQUATIONS
LAPLACE EQUATION
LINEAR EQUATIONS
LINEAR EVOLUTION EQUATIONS
LINEARIZATION
MACROSCOPIC EQUATIONS
MAXWELL EQUATION
NAVIER-STOKES EQUATION
NONHOLONOMIC EQUATIONS
NONLINEAR EQUATIONS
NONLINEAR EVOLUTION EQUATIONS
POLYNOMIALS
PRIMITIVE EQUATIONS
QUADRATIC EQUATIONS
QUARTIC EQUATIONS
RAYLEIGH EQUATIONS
ROOTS OF EQUATIONS
SAHA EQUATIONS
SEMIEMPIRICAL EQUATIONS
SIMULTANEOUS EQUATIONS
STOKES-BELTRAMI EQUATION
THERMODYNAMICS
VLASOV EQUATIONS

EQUATIONS OF MOTION

UF MOTION EQUATIONS

GS EQUATIONS OF MOTION

EULER EQUATIONS OF MOTION
KINETIC EQUATIONS
HYDRODYNAMIC EQUATIONS
HELMHOLTZ VORTICITY EQUATION
KINEMATIC EQUATIONS
NAVIER-STOKES EQUATION
REYNOLDS EQUATION
RT AUTONOMY
BETHE-SALPETER EQUATION
CELESTIAL MECHANICS
CLASSICAL MECHANICS
COMPUTATIONAL FLUID DYNAMICS
CONTINUITY EQUATION
CONTROL MOMENT GYROSCOPES
DYNAMICS
EINSTEIN EQUATIONS
EQUATIONS
EQUILIBRIUM EQUATIONS
HAMILTON-JACOBI EQUATION
INERTIA PRINCIPLE
KINEMATICS

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EQUATIONS OF MOTION-(CONT.)

LISSAJOUS FIGURES
MACH INERTIA PRINCIPLE
MOMENTS OF INERTIA
MOTION AFTEREFFECTS
SPINNING UNGUIDED ROCKET
TRAJECTORY
STABILITY
SYSTEMS STABILITY
TRAJECTORIES
TRAJECTORY ANALYSIS
VARIABLE MASS SYSTEMS
VON ZEIPPEL METHOD

EQUATIONS OF STATE

UF STATE EQUATIONS
GS EQUATIONS OF STATE
HUGONOT EQUATION OF STATE
RT ADIABATIC EQUATIONS
BBGKY HIERARCHY
BOSE GEOMETRY
COMPRESSIBILITY
CONTINUITY EQUATION
EQUATIONS
EQUILIBRIUM EQUATIONS
IDEAL FLUIDS
IDEAL GAS
KINETIC THEORY
MOLLIER DIAGRAM
REAL GASES
THERMODYNAMICS

EQUATORIAL ATMOSPHERE

RT ATMOSPHERES
ATMOSPHERIC COMPOSITION
METEOROLOGICAL PARAMETERS
MIDDLE ATMOSPHERE
TROPICAL METEOROLOGY
TROPICAL REGIONS

EQUATORIAL ELECTROJET

GS ELECTRIC CURRENT
IONOSPHERIC CURRENTS
ELECTROJETS
EQUATORIAL ELECTROJET
ELECTRICITY
ATMOSPHERIC ELECTRICITY
IONOSPHERIC CURRENTS
ELECTROJETS
EQUATORIAL ELECTROJET
RT AUROREAL ELECTROJETS

EQUATORIAL ORBITS

GS ORBITS
EQUATORIAL ORBITS
STATIONARY ORBITS
RT CIRCULAR ORBITS
EARTH ORBITS
ELLIPTICAL ORBITS
GEOSYNCHRONOUS ORBITS
LUNAR ORBITS
ORBITAL MECHANICS
PLANETARY ORBITS
POLAR ORBITS
SATELLITE ORBITS
SPACECRAFT ORBITS
TWENTY-FOUR HOUR ORBITS

EQUATORIAL REGIONS

GS REGIONS
EQUATORIAL REGIONS
RT ARID LANDS
EARTH SURFACE
TROPICAL REGIONS

EQUATORS

GS EQUATORS
LUNAR EQUATOR
MAGNETIC EQUATOR
RT COORDINATES
ROTATING SPHERES
TRANSEQUATORIAL PROPAGATION

EQUILIBRIUM

SN (USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)

RT ACID BASE EQUILIBRIUM
AEROSTATICS
BALANCE
BALANCING
BODY SWAY TEST
CHEMICAL EQUILIBRIUM
DIFFUSION
DIFFUSION COEFFICIENT

EQUILIBRIUM-(CONT.)

DYNAMIC CHARACTERISTICS
EQUILIBRIUM EQUATIONS
HEAT OF DISSOCIATION
HOMEOSTASIS
ISOSTASY
LIQUID-VAPOR EQUILIBRIUM
LOADS (FORCES)
MAXWELL-MOHR METHOD
NONEQUILIBRIUM CONDITIONS
ONSAGER RELATIONSHIP
PLASMA EQUILIBRIUM
RELAXATION (MECHANICS)
RELAXATION TIME
STABILITY
STABILIZATION
STATICS
STEADY STATE
SYSTEMS STABILITY
THERMODYNAMIC EQUILIBRIUM
THERMODYNAMIC PROPERTIES
THERMODYNAMICS
TRANSITION POINTS
UNSTEADY STATE
VARIABILITY
WATER BALANCE

EQUILIBRIUM DIAGRAMS

USE PHASE DIAGRAMS

EQUILIBRIUM EQUATIONS

RT ANALYSIS (MATHEMATICS)
∞ EQUATIONS
EQUATIONS OF MOTION
EQUATIONS OF STATE
∞ EQUILIBRIUM

EQUILIBRIUM FLOW

UF STEADY STATE FLOW
GS FLUID FLOW
. GAS FLOW
. . . **EQUILIBRIUM FLOW**
. . . FROZEN EQUILIBRIUM FLOW
. . . SHIFTING EQUILIBRIUM FLOW
RT EYRING THEORY
HEAT TRANSMISSION
NONEQUILIBRIUM FLOW
PLASMA EQUILIBRIUM
QUASI-STEADY STATES
STEADY FLOW

EQUILIBRIUM METHODS

SN (LIMITED TO STRUCTURAL ANALYSIS)
GS STRUCTURAL ANALYSIS
. **EQUILIBRIUM METHODS**
RT MATRIX METHODS
VARIATIONAL PRINCIPLES

EQUINOXES

RT SEASONS
SOLAR POSITION
SOLSTICES
WINTER

EQUIPARTITION THEOREM

UF ENERGY EQUIPARTITION
RT DEGREES OF FREEDOM
ENERGY DISTRIBUTION
KINETIC ENERGY
SPECIFIC HEAT

∞ EQUIPMENT

SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)*
UF APPARATUS
RT ABORT APPARATUS
ABSORBERS (EQUIPMENT)
ACCUMULATORS (COMPUTERS)
AIR CONDITIONING EQUIPMENT
AIRBORNE EQUIPMENT
AIRPORT SURFACE DETECTION EQUIPMENT
AUDIO EQUIPMENT
AUTOMATIC TEST EQUIPMENT
AUXILIARY EQUIPMENT (COMPUTERS)
BEDDING EQUIPMENT
BOMBING EQUIPMENT
BREATHING APPARATUS
COMMUNICATION EQUIPMENT
COMPUTER STORAGE DEVICES
CONSOLES
CRYOGENIC COMPUTER STORAGE
CRYOGENIC EQUIPMENT
DATA PROCESSING EQUIPMENT

EQUIPMENT-(CONT.)

DISTILLATION EQUIPMENT
ELECTROMECHANICAL DEVICES
ELECTRONIC EQUIPMENT
GROUND SUPPORT EQUIPMENT
HANDLING EQUIPMENT
HARDWARE
HEATING EQUIPMENT
HYDRAULIC EQUIPMENT
LABORATORY EQUIPMENT
LIGHTING EQUIPMENT
MECHANICAL DEVICES
MEDICAL EQUIPMENT
MINIATURE ELECTRONIC EQUIPMENT
ONBOARD EQUIPMENT
PERIPHERAL EQUIPMENT (COMPUTERS)
PHOTOGRAPHIC EQUIPMENT
PNEUMATIC EQUIPMENT
PORTABLE EQUIPMENT
RADAR EQUIPMENT
RIGGING
SAFETY DEVICES
SELF ERECTING DEVICES
SERVICE LIFE
SURVIVAL EQUIPMENT
SYRINGES
TELEVISION EQUIPMENT
∞ TEST EQUIPMENT
WIND TUNNEL APPARATUS
X RAY APPARATUS

EQUIPMENT SPECIFICATIONS

GS SPECIFICATIONS
. **EQUIPMENT SPECIFICATIONS**
RT AIRCRAFT PRODUCTION
COMMONALITY (EQUIPMENT)
∞ DESIGN
FUNCTIONAL DESIGN SPECIFICATIONS
MAINTENANCE
PROCUREMENT

EQUIPOTENTIALS

GS FLUID FLOW
. POTENTIAL FLOW
. . . **EQUIPOTENTIALS**
RT ∞ FLOW GRAPHS
FLOW NETS

EQUIVALENCE

GS MATHEMATICAL LOGIC
. SET THEORY
. . . **EQUIVALENCE**
RT PARITY
PARTITIONS (MATHEMATICS)

EQUIVALENT CIRCUITS

GS CIRCUITS
. **EQUIVALENT CIRCUITS**
RT DUALITY PRINCIPLE
NETWORK ANALYSIS
NETWORK SYNTHESIS
SUPERPOSITION (MATHEMATICS)

ER-134 AIRCRAFT

UF BRISTOL ER-134 AIRCRAFT
GS COMMERCIAL AIRCRAFT
. **ER-134 AIRCRAFT**

ERBE

USE EARTH RADIATION BUDGET
EXPERIMENT

ERBIUM

GS CHEMICAL ELEMENTS
. RARE EARTH ELEMENTS
. . . **ERBIUM**
. . . **ERBIUM ISOTOPES**
METALS
. RARE EARTH ELEMENTS
. . . **ERBIUM**
. . . **ERBIUM ISOTOPES**

ERBIUM ALLOYS

GS ALLOYS
. RARE EARTH ALLOYS
. . . **ERBIUM ALLOYS**

ERBIUM COMPOUNDS

GS RARE EARTH COMPOUNDS
. **ERBIUM COMPOUNDS**
RT ∞ METAL COMPOUNDS

ERBIUM ISOTOPES

UF ERBIUM 169
ERBIUM 171
GS CHEMICAL ELEMENTS
. NUCLIDES
. . ISOTOPES
. . . **ERBIUM ISOTOPES**
. . . RARE EARTH ELEMENTS
. . ERBIUM
. . . **ERBIUM ISOTOPES**
METALS
. RARE EARTH ELEMENTS
. . ERBIUM
. . . **ERBIUM ISOTOPES**

ERBIUM 169

USE ERBIUM ISOTOPES

ERBIUM 171

USE ERBIUM ISOTOPES

ERECTION

USE CONSTRUCTION

EREP

UF EARTH RESOURCES EXPERIMENT
PACKAGE
GS PACKAGES
. INSTRUMENT PACKAGES
. . **EREP**
RT ∞ INSTRUMENTS
SKYLAB 1
SKYLAB 2
SKYLAB 3
SKYLAB 4

ERGODIC PROCESS

RT INFORMATION THEORY
PROBABILITY THEORY
STOCHASTIC PROCESSES
THERMODYNAMICS

ERGOMETERS

GS MEASURING INSTRUMENTS
. **ERGOMETERS**
RT DYNAMOMETERS

ERGONOMICS

USE HUMAN FACTORS ENGINEERING

ERGOTAMINE

GS AMINES
. **ERGOTAMINE**
DRUGS
. **ERGOTAMINE**
HETEROCYCLIC COMPOUNDS
. ALKALOIDS
. . **ERGOTAMINE**
NITROGEN COMPOUNDS
. ALKALOIDS
. . **ERGOTAMINE**

EROS (SATELLITES)

UF EARTH RESOURCES OBSERVATION
SATELLITES
GS SATELLITES
. ARTIFICIAL SATELLITES
. . **EROS (SATELLITES)**
. EARTH SATELLITES
. . **EROS (SATELLITES)**
RT EARTH RESOURCES
OCEANOGRAPHY
REMOTE SENSORS
SATELLITE OBSERVATION
SCANNING
TERRAIN ANALYSIS

EROS PROJECT

USE EXPERIMENTAL REFLECTOR ORBITAL
SHOT PROJ

EROSION

UF SCARS (GEOLOGY)
GS **EROSION**
. RAIN EROSION
. SOIL EROSION
. WATER EROSION
. WIND EROSION
RT ABLATION
ABRASION
ARROYOS
ATMOSPHERIC EFFECTS
CAVITATION FLOW
CORROSION

EROSIVE BURNING

EROSION-(CONT.)

DEGRADATION
 DETERIORATION
 EROSION BURNING
 ETCHING
 FRETTING
 HOT CORROSION
 HYDROGEOLOGY
 IMPINGEMENT
 INLIERS (LANDFORMS)
 METAL SURFACES
 METAL-WATER REACTIONS
 PENEPLAINS
 PITTING
 PLATEAUS
 RAIN IMPACT DAMAGE
 RAVINES
 RIVERS
 SOIL SCIENCE
 SPARK MACHINING
 SURFACE REACTIONS
 TRIBOLOGY
 VALLEYS
 WAVE RESISTANCE
 WEAR
 WEAR TESTS
 WEATHERING
 WIND EFFECTS

EROSIVE BURNING

GS COMBUSTION
 . EROSION BURNING
 RT BURNOUT
 COMBUSTION TEMPERATURE
 DETERIORATION
 EROSION
 EXHAUST GASES
 FUEL COMBUSTION
 HYPERSONIC COMBUSTION
 OXIDATION
 PITTING
 PROPELLANT COMBUSTION
 SOLID PROPELLANT COMBUSTION
 TRIBOLOGY

ERROR ANALYSIS

GS ANALYSIS (MATHEMATICS)
 . NUMERICAL ANALYSIS
 . . ERROR ANALYSIS
 RT . APPLICATIONS OF MATHEMATICS
 . BORESIGHT ERROR
 . CENSORED DATA (MATHEMATICS)
 . FAULT TOLERANCE
 . MEAN SQUARE VALUES
 . PROBABILITY THEORY
 . RANGE ERRORS
 . RAYLEIGH DISTRIBUTION
 . ROOT-MEAN-SQUARE ERRORS

ERROR BAND

USE ACCURACY

ERROR CORRECTING CODES

RT . CODES
 . CONCATENATED CODES
 . DIGITAL TECHNIQUES
 . REDUNDANCY ENCODING

ERROR CORRECTING DEVICES

RT BCH CODES
 CORRECTION
 . DEVICES
 . INSTRUMENT COMPENSATION
 . REDUNDANCY ENCODING

ERROR DETECTION CODES

RT . CODES
 . CODING
 . COMPUTER PROGRAMS
 . COMPUTER SYSTEMS PROGRAMS
 . DIGITAL TECHNIQUES
 . FAULT TOLERANCE
 . INFORMATION THEORY
 . PARITY
 . PROVING
 . QUALITY CONTROL
 . REDUNDANCY
 . REDUNDANCY ENCODING

ERROR FUNCTIONS

GS FUNCTIONS (MATHEMATICS)
 . ERROR FUNCTIONS
 RT STATISTICAL DISTRIBUTIONS

ERROR SIGNALS

RT COMPARATORS
 COMPENSATORS
 DIFFERENTIAL AMPLIFIERS
 DISCRIMINATORS
 ERRORS
 PHASE ERROR
 POSITION ERRORS
 RANGE ERRORS
 SIGNAL MIXING
 . SIGNALS
 . SLEWING

ERRORS

UF INVALIDITY
 GS ERRORS
 . BORESIGHT ERROR
 . INSTRUMENT ERRORS
 . PHASE ERROR
 . PILOT ERROR
 . POSITION ERRORS
 . RANDOM ERRORS
 . RANGE ERRORS
 . ROOT-MEAN-SQUARE ERRORS
 . TRUNCATION ERRORS
 . VELOCITY ERRORS
 RT ACCURACY
 BIAS
 . COMPENSATION
 . COMPUTER PROGRAM INTEGRITY
 . CONFIDENCE
 . CONSISTENCY
 . CORRECTION
 . DRIFT (INSTRUMENTATION)
 . DYNAMIC CHARACTERISTICS
 . ERROR SIGNALS
 . HYSTERESIS
 . LINEARITY
 . MALFUNCTIONS
 . MEDIAN (STATISTICS)
 . OPTICAL CORRECTION PROCEDURE
 . PRECISION
 . QUALITY CONTROL
 . RANGE (EXTREMES)
 . RELIABILITY
 . RESOLUTION
 . RESPONSE BIAS
 . SCALING
 . TESTS
 . TOLERANCES (MECHANICS)

ERS 17

GS SATELLITES
 . ARTIFICIAL SATELLITES
 . ENVIRONMENTAL RESEARCH
 . SATELLITES
 . . ERS 17
 . EARTH SATELLITES
 . ENVIRONMENTAL RESEARCH
 . SATELLITES
 . . ERS 17
 . SCIENTIFIC SATELLITES
 . ENVIRONMENTAL RESEARCH
 . SATELLITES
 . . ERS 17
 . ATLAS AGENA LAUNCH VEHICLES

ERS 18

GS SATELLITES
 . ARTIFICIAL SATELLITES
 . ENVIRONMENTAL RESEARCH
 . SATELLITES
 . . ERS 18
 . EARTH SATELLITES
 . ENVIRONMENTAL RESEARCH
 . SATELLITES
 . . ERS 18
 . SCIENTIFIC SATELLITES
 . ENVIRONMENTAL RESEARCH
 . SATELLITES
 . . ERS 18

ERS-1 (ESA SATELLITE)

GS SATELLITES
 . ARTIFICIAL SATELLITES
 . ESA SATELLITES
 . . ERS-1 (ESA SATELLITE)
 . MARITIME SATELLITES
 . . ERS-1 (ESA SATELLITE)
 . EARTH SATELLITES
 . . ESA SATELLITES
 . . . ERS-1 (ESA SATELLITE)
 . MARITIME SATELLITES
 . . . ERS-1 (ESA SATELLITE)
 . . . ERS-1 (ESA SATELLITE)
 RT EUROPEAN SPACE AGENCY

NASA THESAURUS (VOLUME 1)

ERTS

USE LANDSAT SATELLITES

ERTS-A

USE LANDSAT 1

ERTS-B

USE LANDSAT 2

ERTS-C

USE LANDSAT 3

ERTS-D

USE LANDSAT D

ERTS-E

USE LANDSAT E

ERTS-F

USE LANDSAT F

ERYTHROCYTES

UF RED BLOOD CELLS
 GS ANATOMY
 . CARDIOVASCULAR SYSTEM
 . . ERYTHROCYTES
 . . . RETICULOCYTES
 . BODY FLUIDS
 . BLOOD
 . . ERYTHROCYTES
 . . . RETICULOCYTES
 . CELLS (BIOLOGY)
 . ERYTHROCYTES
 . . RETICULOCYTES
 RT BONE MARROW
 CARBOXYHEMOGLOBIN
 CORPUSCLES
 HEMATOCRIT RATIO
 HEMOGLOBIN
 HEMOLYSIS
 LEUKOCYTES
 OXYHEMOGLOBIN

ESA

USE EUROPEAN SPACE AGENCY

ESA SATELLITES

UF ESRO SATELLITES
 EUROPEAN SPACE RESEARCH
 ORGANIZATION SAT
 GS ESA SPACECRAFT
 . ESA SATELLITES
 . . COS-B SATELLITE
 . . ESRO 1 SATELLITE
 . . MAROTS (ESA)
 . . METEOSAT SATELLITE
 . . OTS (ESA)
 . . TD SATELLITES
 . . . TD-1 SATELLITE
 SATELLITES
 . ARTIFICIAL SATELLITES
 . . ESA SATELLITES
 . . . AEROSAT SATELLITES
 . . . COS-B SATELLITE
 . . . ERS-1 (ESA SATELLITE)
 . . . ESRO 1 SATELLITE
 . . . ESRO 2 SATELLITE
 . . . ESRO 4 SATELLITE
 . . . EUROPEAN COMMUNICATIONS
 . . . SATELLITE
 . . . EXOSAT SATELLITE
 . . . GEOS SATELLITES (ESA)
 . . . HEOS SATELLITES
 . . . HEOS A SATELLITE
 . . . HEOS B SATELLITE
 . . . MAROTS (ESA)
 . . . METEOSAT SATELLITE
 . . . OTS (ESA)
 . . . TD SATELLITES
 . . . TD-1 SATELLITE
 . . . EARTH SATELLITES
 . . . ESA SATELLITES
 . . . AEROSAT SATELLITES
 . . . COS-B SATELLITE
 . . . ERS-1 (ESA SATELLITE)
 . . . ESRO 1 SATELLITE
 . . . ESRO 2 SATELLITE
 . . . ESRO 4 SATELLITE
 . . . EUROPEAN COMMUNICATIONS
 . . . SATELLITE
 . . . EXOSAT SATELLITE
 . . . GEOS SATELLITES (ESA)
 . . . HEOS SATELLITES
 . . . HEOS A SATELLITE

ESA SATELLITES-(CONT.)

... HEOS B SATELLITE
 ... MAROTS (ESA)
 ... METEOSAT SATELLITE
 ... OTS (ESA)
 ... TD SATELLITES
 ... TD-1 SATELLITE
 RT EUROPEAN SPACE AGENCY
 EUROPEAN SPACE PROGRAMS
 INTERNATIONAL COOPERATION

ESA SPACECRAFT

GS **ESA SPACECRAFT**
 . ESA SATELLITES
 . COS-B SATELLITE
 . ESRO 1 SATELLITE
 . MAROTS (ESA)
 . METEOSAT SATELLITE
 . OTS (ESA)
 . TD SATELLITES
 . TD-1 SATELLITE
 RT ∞ SPACECRAFT

ESAKI DIODES

USE TUNNEL DIODES

ESCALATORS

RT ELEVATORS (LIFTS)
 LADDERS
 ∞ LIFTS
 STAIRWAYS

 ∞ **ESCAPE**

SN *(USE OF A MORE SPECIFIC TERM IS
 RECOMMENDED--CONSULT THE TERMS
 LISTED BELOW)*
 RT ESCAPE (ABANDONMENT)
 ESCAPE CAPSULES
 ESCAPE ROCKETS
 ESCAPE SYSTEMS
 ESCAPE VELOCITY
 LEAKAGE

ESCAPE (ABANDONMENT)

RT BAILOUT
 EJECTION
 EJECTION TRAINING
 ENTRAPMENT
 ∞ ESCAPE
 ESCAPE ROCKETS
 ESCAPE SYSTEMS
 JETTISON SYSTEMS
 JETTISONING
 PARACHUTE DESCENT

ESCAPE CAPSULES

GS SAFETY DEVICES
 . **ESCAPE CAPSULES**
 SPACE CAPSULES
 . **ESCAPE CAPSULES**
 RT ABORT APPARATUS
 ABORTED MISSIONS
 EJECTION SEATS
 EMERGENCY LIFE SUSTAINING
 SYSTEMS
 ∞ ESCAPE
 FLYING EJECTION SEATS
 HIGH ALTITUDE ENVIRONMENTS
 LAUNCH ESCAPE SYSTEMS
 LUNAR ESCAPE DEVICES
 PARACONE
 PRESSURIZED CABINS

ESCAPE ROCKETS

GS SAFETY DEVICES
 . **ESCAPE ROCKETS**
 RT ABORT APPARATUS
 ABORTED MISSIONS
 ∞ ESCAPE
 ESCAPE (ABANDONMENT)
 LAUNCH ESCAPE SYSTEMS
 LUNAR ESCAPE DEVICES
 ∞ ROCKETS
 ∞ SPACECRAFT

ESCAPE SYSTEMS

GS **ESCAPE SYSTEMS**
 . LAUNCH ESCAPE SYSTEMS
 RT BAILOUT
 EJECTION
 EJECTION SEATS
 ∞ ESCAPE
 ESCAPE (ABANDONMENT)
 JETTISON SYSTEMS
 PARACONE

ESCAPE SYSTEMS-(CONT.)

SAFETY FACTORS
 ∞ SYSTEMS

ESCAPE VELOCITY

UF PARABOLIC VELOCITY
 GS RATES (PER TIME)
 . **ESCAPE VELOCITY**
 VELOCITY
 . **ESCAPE VELOCITY**
 RT ∞ ESCAPE
 HIGH SPEED
 HYPERBOLIC TRAJECTORIES
 ∞ HYPERVELOCITY
 ORBITAL VELOCITY
 PLANETARY GRAVITATION
 SCHWARZSCHILD METRIC
 VELOCITY ERRORS

ESCARPMENTS

GS LANDFORMS
 . **ESCARPMENTS**
 RT CLIFFS
 SLOPES
 TOPOGRAPHY

ESCHERICHIA

GS MICROORGANISMS
 . BACTERIA
 . **ESCHERICHIA**

ESG (GYROSCOPES)

USE ELECTROSTATIC GYROSCOPES

ESKERS

USE GLACIAL DRIFT

ESKIMOS

RT ANTHROPOLOGY
 CULTURE (SOCIAL SCIENCES)

ESOPHAGUS

GS ANATOMY
 . ORGANS
 . **ESOPHAGUS**
 DIGESTIVE SYSTEM
 . **ESOPHAGUS**
 VISCERA
 . ORGANS
 . **ESOPHAGUS**

ESRO

USE EUROPEAN SPACE AGENCY

ESRO SATELLITES

USE ESA SATELLITES

ESRO 1 SATELLITE

GS ESA SPACECRAFT
 . ESA SATELLITES
 . **ESRO 1 SATELLITE**
 SATELLITES
 . ARTIFICIAL SATELLITES
 . ESA SATELLITES
 . **ESRO 1 SATELLITE**
 . EARTH SATELLITES
 . ESA SATELLITES
 . **ESRO 1 SATELLITE**
 RT EUROPEAN SPACE AGENCY
 EUROPEAN SPACE PROGRAMS

ESRO 2 SATELLITE

GS SATELLITES
 . ARTIFICIAL SATELLITES
 . ESA SATELLITES
 . **ESRO 2 SATELLITE**
 . EARTH SATELLITES
 . ESA SATELLITES
 . **ESRO 2 SATELLITE**
 RT EUROPEAN SPACE AGENCY
 EUROPEAN SPACE PROGRAMS

ESRO 4 SATELLITE

GS SATELLITES
 . ARTIFICIAL SATELLITES
 . ESA SATELLITES
 . **ESRO 4 SATELLITE**
 . EARTH SATELLITES
 . ESA SATELLITES
 . **ESRO 4 SATELLITE**
 RT AURORAS
 EUROPEAN SPACE AGENCY
 EUROPEAN SPACE PROGRAMS
 PARTICLE DENSITY (CONCENTRATION)

ESRO 4 SATELLITE-(CONT.)

SCIENTIFIC SATELLITES

ESSA SATELLITES

GS SATELLITES
 . ARTIFICIAL SATELLITES
 . METEOROLOGICAL SATELLITES
 . **ESSA SATELLITES**
 . **ESSA 1 SATELLITE**
 . **ESSA 2 SATELLITE**
 . **ESSA 3 SATELLITE**
 . **ESSA 4 SATELLITE**
 . **ESSA 5 SATELLITE**
 . **ESSA 6 SATELLITE**
 . **ESSA 7 SATELLITE**
 . **ESSA 8 SATELLITE**
 . **ESSA 9 SATELLITE**
 . EARTH SATELLITES
 . METEOROLOGICAL SATELLITES
 . **ESSA SATELLITES**
 . **ESSA 1 SATELLITE**
 . **ESSA 2 SATELLITE**
 . **ESSA 3 SATELLITE**
 . **ESSA 4 SATELLITE**
 . **ESSA 5 SATELLITE**
 . **ESSA 6 SATELLITE**
 . **ESSA 7 SATELLITE**
 . **ESSA 8 SATELLITE**
 . **ESSA 9 SATELLITE**
 RT CLOUD PHOTOGRAPHY
 NIMBUS SATELLITES
 SATELLITE OBSERVATION
 TIROS SATELLITES

ESSA 1 SATELLITE

UF OT-3
 GS SATELLITES
 . ARTIFICIAL SATELLITES
 . METEOROLOGICAL SATELLITES
 . **ESSA SATELLITES**
 . **ESSA 1 SATELLITE**
 . EARTH SATELLITES
 . METEOROLOGICAL SATELLITES
 . **ESSA SATELLITES**
 . **ESSA 1 SATELLITE**
 RT DELTA LAUNCH VEHICLE

ESSA 2 SATELLITE

UF OT-2
 GS SATELLITES
 . ARTIFICIAL SATELLITES
 . METEOROLOGICAL SATELLITES
 . **ESSA SATELLITES**
 . **ESSA 2 SATELLITE**
 . EARTH SATELLITES
 . METEOROLOGICAL SATELLITES
 . **ESSA SATELLITES**
 . **ESSA 2 SATELLITE**
 RT DELTA LAUNCH VEHICLE

ESSA 3 SATELLITE

UF TOS-A
 GS SATELLITES
 . ARTIFICIAL SATELLITES
 . METEOROLOGICAL SATELLITES
 . **ESSA SATELLITES**
 . **ESSA 3 SATELLITE**
 . EARTH SATELLITES
 . METEOROLOGICAL SATELLITES
 . **ESSA SATELLITES**
 . **ESSA 3 SATELLITE**
 RT DELTA LAUNCH VEHICLE

ESSA 4 SATELLITE

GS SATELLITES
 . ARTIFICIAL SATELLITES
 . METEOROLOGICAL SATELLITES
 . **ESSA SATELLITES**
 . **ESSA 4 SATELLITE**
 . EARTH SATELLITES
 . METEOROLOGICAL SATELLITES
 . **ESSA SATELLITES**
 . **ESSA 4 SATELLITE**
 RT DELTA LAUNCH VEHICLE

ESSA 5 SATELLITE

GS SATELLITES
 . ARTIFICIAL SATELLITES
 . METEOROLOGICAL SATELLITES
 . **ESSA SATELLITES**
 . **ESSA 5 SATELLITE**
 . EARTH SATELLITES
 . METEOROLOGICAL SATELLITES
 . **ESSA SATELLITES**
 . **ESSA 5 SATELLITE**

ESSA 6 SATELLITE

ESSA 5 SATELLITE-(CONT.)

RT DELTA LAUNCH VEHICLE

ESSA 6 SATELLITE

GS SATELLITES
 . ARTIFICIAL SATELLITES
 . . METEOROLOGICAL SATELLITES
 . . . ESSA SATELLITES
 **ESSA 6 SATELLITE**
 . EARTH SATELLITES
 . . METEOROLOGICAL SATELLITES
 . . . ESSA SATELLITES
 **ESSA 6 SATELLITE**
 RT DELTA LAUNCH VEHICLE

ESSA 7 SATELLITE

GS SATELLITES
 . ARTIFICIAL SATELLITES
 . . METEOROLOGICAL SATELLITES
 . . . ESSA SATELLITES
 **ESSA 7 SATELLITE**
 . EARTH SATELLITES
 . . METEOROLOGICAL SATELLITES
 . . . ESSA SATELLITES
 **ESSA 7 SATELLITE**
 RT DELTA LAUNCH VEHICLE

ESSA 8 SATELLITE

GS SATELLITES
 . ARTIFICIAL SATELLITES
 . . METEOROLOGICAL SATELLITES
 . . . ESSA SATELLITES
 **ESSA 8 SATELLITE**
 . EARTH SATELLITES
 . . METEOROLOGICAL SATELLITES
 . . . ESSA SATELLITES
 **ESSA 8 SATELLITE**
 RT DELTA LAUNCH VEHICLE

ESSA 9 SATELLITE

GS SATELLITES
 . ARTIFICIAL SATELLITES
 . . METEOROLOGICAL SATELLITES
 . . . ESSA SATELLITES
 **ESSA 9 SATELLITE**
 . EARTH SATELLITES
 . . METEOROLOGICAL SATELLITES
 . . . ESSA SATELLITES
 **ESSA 9 SATELLITE**
 RT DELTA LAUNCH VEHICLE

ESTERS

GS **ESTERS**
 . ACRYLATES
 . ALKYLATES
 . ALUMINUM ETHOXIDE
 . ASPARTATES
 . CARBAMATES (TRADENAME)
 . URETHANES
 . CARBOXYLATES
 . CHLOROFORMATE
 . COBALT ACETATES
 . CYANURATES
 . GLUTAMATES
 . GLYCERIDES
 . ISOCYANATES
 . DIISOCYANATES
 . FULMINATES
 . LACTATES
 . LEAD ACETATES
 . MALEATES
 . MEPROBAMATE
 . NITRATE ESTERS
 . ISOPROPYL NITRATE
 . PROPYL NITRATE
 . NITROSYL TRIFLUOROACETATE
 . OCTOATES
 . ORGANIC NITRATES
 . CELLULOSE NITRATE
 . NITROFORMS
 . . HYDRAZINE NITROFORM
 . NITROGLYCERIN
 . PETN
 . PHTHALATES
 . POLYCARBONATES
 . LEXAN (TRADEMARK)
 . POLYESTERS
 . POLYETHYLENE TEREPHTHALATE
 . SODIUM CHLORODIFLUOROACETATES
 . SODIUM SALICYLATES
 . STEARATES
 . . BARIUM STEARATES
 . SULFONATES
 . TRIACETIN
 RT ACETATES

ESTERS-(CONT.)

ACETYL COMPOUNDS
 ALIPHATIC COMPOUNDS
 CITRATES
 CYANATES
 LIPIDS
 NITROSYLS
 PLASTICIZERS
 SALICYLATES
 SKYDROL (TRADEMARK)

ESTIMATES

GS **ESTIMATES**
 . COST ESTIMATES
 RT ALLOCATIONS
 COMPARISON
 CONFIDENCE LIMITS
 CONTINGENCY
 CONTRACTS
 DAMAGE ASSESSMENT
 ESTIMATING
 EVALUATION
 FORECASTING
 LIKELIHOOD RATIO
 MANAGEMENT METHODS
 MANAGEMENT PLANNING
 NOISE PREDICTION (AIRCRAFT)
 PARAMETER IDENTIFICATION
 PREDICTIONS
 PRODUCTION MANAGEMENT
 PROJECT PLANNING
 QUALITY CONTROL
 RELIABILITY
 RESERVES
 RISK
 STATISTICAL ANALYSIS
 STATISTICAL TESTS
 ∞ STATISTICS
 SUBCONTRACTS
 SYSTEM IDENTIFICATION
 VALUE

ESTIMATING

GS **ESTIMATING**
 . ORBITAL POSITION ESTIMATION
 . PARAMETER IDENTIFICATION
 . SYSTEM IDENTIFICATION
 RT BUDGETING
 CONTRACTS
 COSTS
 COUNTING
 CRITICAL PATH METHOD
 DELPHI METHOD (FORECASTING)
 ∞ DESIGN
 ESTIMATES
 ∞ ESTIMATORS
 EVALUATION
 FEASIBILITY
 FORECASTING
 ∞ MEASUREMENT
 MISSION PLANNING
 NUMERICAL DIFFERENTIATION
 PATTERN METHOD (FORECASTING)
 PROBE METHOD (FORECASTING)
 PROFILE METHOD (FORECASTING)
 PROJECTS
 QUALITY CONTROL
 RESERVES
 RISK
 SAMPLING
 STANDARD DEVIATION
 STATISTICAL ANALYSIS
 STATISTICAL TESTS
 ∞ STATISTICS
 TECHNOLOGICAL FORECASTING
 VALUE

ESTIMATORS

SN *(USE OF A MORE SPECIFIC TERM IS
 RECOMMENDED--CONSULT THE TERMS
 LISTED BELOW)*
 RT CORRELATION
 COST ESTIMATES
 ESTIMATING
 PARAMETERIZATION
 PERSONNEL

ESTONIA

RT BALTIC SEA
 EUROPE
 NATIONS

ESTROGENS

GS SECRETIONS
 . ENDOCRINE SECRETIONS

NASA THESAURUS (VOLUME 1)

ESTROGENS-(CONT.)

RT . . . HORMONES
 . . . **ESTROGENS**
 ENDOCRINE GLANDS
 SEX GLANDS

ESTUARIES

UF OUTLETS (GEOLOGY)
 RT COASTS
 FISHERIES
 GEOGRAPHY
 HARBORS
 OCEANOGRAPHY
 RIVERS
 TIDAL FLATS
 TIDES
 TRIBUTARIES

ETA-MESONS

GS PARTICLES
 . ELEMENTARY PARTICLES
 . . BOSONS
 . . . MESONS
 **ETA-MESONS**
 . . . FERMIONS
 **ETA-MESONS**
 . . . NUCLEAR PARTICLES
 . . . BOSONS
 MESONS
 **ETA-MESONS**
 RT BARYONS
 CHARGED PARTICLES
 OMEGA-MESONS
 RHO-MESONS
 SIGMA-MESONS

ETCHANTS

RT CORROSION
 ETCHING

ETCHING

RT CORROSION
 ENGRAVING
 EROSION
 ETCHANTS
 METALLOGRAPHY
 PITTING
 ULTRASONIC CLEANING

ETHANE

GS ALIPHATIC COMPOUNDS
 . ALKANES
 . . **ETHANE**
 HYDROCARBONS
 . ALKANES
 . . **ETHANE**
 RT HYDROCARBON FUELS

ETHERS

GS **ETHERS**
 . ACETALS
 . ANISOLE
 . DIETHYL ETHER
 . GALLAMINE TRIETHIODIDE
 . POLYPHENYL ETHER
 RT ANESTHETICS
 DRUGS
 EPOXY COMPOUNDS
 PROPARGYL GROUPS

ETHICS

RT ∞ METHODOLOGY
 NORMS
 RESEARCH

ETHIOPIA

RT AFRICA
 NATIONS

ETHNIC FACTORS

GS SOCIOLOGY
 . SOCIAL FACTORS
 . . **ETHNIC FACTORS**
 RT AMERICAN INDIANS
 COMMUNITIES
 CULTURE (SOCIAL SCIENCES)
 GROUP DYNAMICS
 SOCIOLOGY

ETHOXY ETHYLENE

GS ALIPHATIC COMPOUNDS
 . **ETHOXY ETHYLENE**

ETHYL ALCOHOL

- GS ALIPHATIC COMPOUNDS
 . ETHYL ALCOHOL
 HYDROXYL COMPOUNDS
 . ALCOHOLS
 . ETHYL ALCOHOL
 RT ATMOSPHERIC ENERGY SOURCES
 CARBOHYDRATES

ETHYL COMPOUNDS

- RT ∞ COMPOUNDS
 DIETHYL HYDROGEN PHOSPHITE (DEHP)
 TETRAETHYL ORTHOSILICATE
 TRIETHYL COMPOUNDS

ETHYLENE

- GS ALIPHATIC COMPOUNDS
 . ALKENES
 . ETHYLENE
 . . VINYLIDENE
 HYDROCARBONS
 . ALKENES
 . ETHYLENE
 . . VINYLIDENE
 RT HYDROCARBON FUELS
 POLYETHYLENES

ETHYLENE COMPOUNDS

- GS ETHYLENE COMPOUNDS
 . CHLOROETHYLENE
 . ETHYLENE DIHYDRAZINE
 . ETHYLENEDIAMINE
 . ETHYLENEDIAMINETETRAACETIC ACIDS
 . . VERSENE

ETHYLENE DIHYDRAZINE

- GS ALIPHATIC COMPOUNDS
 . HYDRAZINES
 . ETHYLENE DIHYDRAZINE
 ETHYLENE COMPOUNDS
 . ETHYLENE DIHYDRAZINE

ETHYLENE OXIDE

- GS EPOXY COMPOUNDS
 . ETHYLENE OXIDE

ETHYLENEDIAMINE

- GS ALIPHATIC COMPOUNDS
 . ETHYLENEDIAMINE
 AMINES
 . DIAMINES
 . ETHYLENEDIAMINE
 ETHYLENE COMPOUNDS
 . ETHYLENEDIAMINE

ETHYLENEDIAMINETETRAACETIC ACIDS

- UF EDTA
 GS ACIDS
 . FATTY ACIDS
 . CARBOXYLIC ACIDS
 . . ACETIC ACID
 . . . ETHYLENEDIAMINETETRAACETIC
 ACIDS
 VERSENE
 ALIPHATIC COMPOUNDS
 . FATTY ACIDS
 . . ACETIC ACID
 . . . ETHYLENEDIAMINETETRAACETIC
 ACIDS
 VERSENE
 ETHYLENE COMPOUNDS
 . ETHYLENEDIAMINETETRAACETIC
 ACIDS
 . . . VERSENE
 ORGANIC COMPOUNDS
 . FATTY ACIDS
 . . ACETIC ACID
 . . . ETHYLENEDIAMINETETRAACETIC
 ACIDS
 VERSENE
 RT ACETATES
 DETERGENTS

ETIOLOGY

- RT CASE HISTORIES
 CAUSES
 DISEASES
 PREVENTION

ETR (REACTORS)

- USE ENGINEERING TEST REACTORS

ETTINGSHAUSEN COOLERS

- USE ETTINGSHAUSEN EFFECT
 THERMOELECTRIC COOLING

ETTINGSHAUSEN EFFECT

- UF ETTINGSHAUSEN COOLERS
 RT COOLING SYSTEMS
 ∞ EFFECTS
 TEMPERATURE EFFECTS
 THERMOELECTRIC COOLING
 THERMOELECTRICITY
 THERMOMAGNETIC COOLING
 THERMOMAGNETIC EFFECTS

EUCLIDEAN GEOMETRY

- UF EUCLIDEAN SPACE
 GS GEOMETRY
 . EUCLIDEAN GEOMETRY
 . . ANALYTIC GEOMETRY
 . . . CATENARIES
 . . . CIRCUMFERENCES
 . . . CONICS
 . . . ELLIPSES
 . . . HYPERBOLAS
 . . . PARABOLAS
 . . . CYCLOIDS
 . . . EPICYCLOIDS
 . . . LOCI
 . . . MERCATOR PROJECTION
 . . . QUADRANTS
 . . . S CURVES
 . . . GOMPERTZ CURVES
 . . . SPHEROIDS
 OBLATE SPHEROIDS
 PROLATE SPHEROIDS
 . . . TANGENTS
 . . . TORUSES
 . . . TRIGONOMETRY
 . . . ANGLES (GEOMETRY)
 . . . ANGLE OF ATTACK
 . . . ZERO ANGLE OF ATTACK
 . . . BRAGG ANGLE
 . . . BREWSTER ANGLE
 . . . DIHEDRAL ANGLE
 . . . ELEVATION ANGLE
 . . . LOOK ANGLES (ELECTRONICS)
 . . . LOOK ANGLES (TRACKING)
 . . . SWEEP ANGLE
 . . . SWEEPBACK
 LEADING EDGE SWEEP
 . . . CARTESIAN COORDINATES
 . . . CIRCLES (GEOMETRY)
 . . . GREAT CIRCLES
 . . . DESCRIPTIVE GEOMETRY
 . . . LINES (GEOMETRY)
 . . . CHORDS (GEOMETRY)
 . . . GEODESIC LINES
 . . . POINTS (MATHEMATICS)
 . . . FIXED POINTS (MATHEMATICS)
 . . . INFLECTION POINTS
 . . . POLYGONS
 . . . HEXAGONS
 . . . TETRAGONS
 . . . PARALLELOGRAMS
 . . . RHOMBOIDS
 . . . RECTANGLES
 . . . SQUARES (MATHEMATICS)
 . . . TRAPEZOIDS
 . . . TRIANGLES
 . . . POLYHEDRONS
 . . . CUBES (MATHEMATICS)
 . . . ICOSAEDRONS
 . . . OCTAHEDRONS
 . . . PARALLELEPIPEDS
 . . . PYRAMIDS
 . . . RHOMBOHEDRONS
 . . . TETRAHEDRONS
 . . . PROJECTIVE GEOMETRY
 . . . MERCATOR PROJECTION
 . . . RADII
 RT COORDINATES
 CURVES (GEOMETRY)
 PHASE-SPACE INTEGRAL
 POLYTOPES
 RIEMANN MANIFOLD
 SPHERES

EUCLIDEAN SPACE

- USE EUCLIDEAN GEOMETRY

EUDIOMETERS

- GS MEASURING INSTRUMENTS
 . EUDIOMETERS
 RT GAS MIXTURES
 SPARK IGNITION

EUGLENA

- RT ALGAE

EULER BUCKLING

- GS BUCKLING
 . EULER BUCKLING
 RT STRESS ANALYSIS

EULER EQUATIONS OF MOTION

- GS EQUATIONS OF MOTION
 . EULER EQUATIONS OF MOTION
 RT HYDRODYNAMICS
 MOMENTS OF INERTIA
 PRIMITIVE EQUATIONS
 RIGID STRUCTURES

EULER-Cauchy EQUATIONS

- GS ANALYSIS (MATHEMATICS)
 . REAL VARIABLES
 . . DIFFERENTIAL EQUATIONS
 . . . PARTIAL DIFFERENTIAL EQUATIONS
 EULER-CAUCHY EQUATIONS
 RT COMPLEX VARIABLES
 CONFORMAL MAPPING
 VECTOR ANALYSIS

EULER-LAGRANGE EQUATION

- UF LAGRANGE EQUATIONS OF MOTION
 RT CALCULUS OF VARIATIONS
 CASTIGLIANO VARIATIONAL THEOREM
 CLASSICAL MECHANICS
 ∞ EQUATIONS
 EXTREMUM VALUES

EULER-LAMBERT EQUATION

- RT ELLIPTICAL ORBITS

EUROPA

- GS CELESTIAL BODIES
 . NATURAL SATELLITES
 . . GALILEAN SATELLITES
 . . . EUROPA
 RT CHARON
 JUPITER (PLANET)

EUROPA LAUNCH VEHICLES

- GS LAUNCH VEHICLES
 . EUROPA LAUNCH VEHICLES
 . . EUROPA 1 LAUNCH VEHICLE
 . . EUROPA 2 LAUNCH VEHICLE
 . . EUROPA 3 LAUNCH VEHICLE
 . . EUROPA 4 LAUNCH VEHICLE
 RT ARIANE LAUNCH VEHICLE
 ELDO LAUNCH VEHICLE
 EUROPEAN SPACE AGENCY
 EUROPEAN SPACE PROGRAMS

EUROPA 1 LAUNCH VEHICLE

- GS LAUNCH VEHICLES
 . EUROPA LAUNCH VEHICLES
 . . EUROPA 1 LAUNCH VEHICLE

EUROPA 2 LAUNCH VEHICLE

- GS LAUNCH VEHICLES
 . EUROPA LAUNCH VEHICLES
 . . EUROPA 2 LAUNCH VEHICLE
 RT COS-B SATELLITE

EUROPA 3 LAUNCH VEHICLE

- GS LAUNCH VEHICLES
 . EUROPA LAUNCH VEHICLES
 . . EUROPA 3 LAUNCH VEHICLE

EUROPA 4 LAUNCH VEHICLE

- GS LAUNCH VEHICLES
 . EUROPA LAUNCH VEHICLES
 . . EUROPA 4 LAUNCH VEHICLE

EUROPE

- GS CONTINENTS
 . EUROPE
 RT ALBANIA
 ALPS MOUNTAINS (EUROPE)
 ANDORRA
 AUSTRIA
 BALTIC SHIELD (EUROPE)
 BELGIUM
 BULGARIA
 CARPATHIAN MOUNTAINS (EUROPE)
 CENTRAL EUROPE
 CZECHOSLOVAKIA
 DENMARK
 EAST GERMANY
 ESTONIA
 FINLAND

EUROPEAN AIRBUS

EUROPE-(CONT.)

FRANCE
GREECE
HUNGARY
ITALY
LATVIA
LIECHTENSTEIN
LITHUANIA
LUXEMBOURG
MONACO
NATIONS
NETHERLANDS
NORWAY
POLAND
PORTUGAL
RUMANIA
SAN MARINO
SLOVENIA
SPAIN
SWEDEN
SWITZERLAND
TURKEY
U.S.S.R.
UNITED KINGDOM
VATICAN CITY
WEST GERMANY
YUGOSLAVIA

EUROPEAN AIRBUS

UF AIRBUS
GS COMMERCIAL AIRCRAFT
 . EUROPEAN AIRBUS
 . . A-300 AIRCRAFT
 JET AIRCRAFT
 . EUROPEAN AIRBUS
 . . A-300 AIRCRAFT
PASSENGER AIRCRAFT
 . EUROPEAN AIRBUS
 . . A-300 AIRCRAFT
TRANSPORT AIRCRAFT
 . SHORT HAUL AIRCRAFT
 . . EUROPEAN AIRBUS
RT ∞ AIRCRAFT
INTERNATIONAL COOPERATION

EUROPEAN COMMUNICATIONS SATELLITE

UF ECS
GS SATELLITES
 . ARTIFICIAL SATELLITES
 . . COMMUNICATION SATELLITES
 . . . EUROPEAN COMMUNICATIONS
 SATELLITE
 . . ESA SATELLITES
 . . . EUROPEAN COMMUNICATIONS
 SATELLITE
 . EARTH SATELLITES
 . . COMMUNICATION SATELLITES
 . . . EUROPEAN COMMUNICATIONS
 SATELLITE
 . . ESA SATELLITES
 . . . EUROPEAN COMMUNICATIONS
 SATELLITE
RT EUROPEAN SPACE PROGRAMS
OTS (ESA)

EUROPEAN INCOHERENT SCATTER RADAR

USE EISCAT RADAR SYSTEM (EUROPE)

EUROPEAN SPACE AGENCY

UF ESA
ESRO
EUROPEAN SPACE RESEARCH
ORGANIZATION
GS ORGANIZATIONS
 . EUROPEAN SPACE AGENCY
RT ARIANE LAUNCH VEHICLE
ELDO LAUNCH VEHICLE
ERS-1 (ESA SATELLITE)
ESA SATELLITES
ESRO 1 SATELLITE
ESRO 2 SATELLITE
ESRO 4 SATELLITE
EUROPA LAUNCH VEHICLES
EUROPEAN SPACE PROGRAMS
EXPOS (SPACELAB PAYLOAD)
GEOSARI PROJECT
ICL COMPUTERS
LIRTS (TELESCOPE)
MAROTS (ESA)
METEOSAT SATELLITE
SPACE PROGRAMS

EUROPEAN SPACE PROGRAMS

UF GIOTTO MISSION
GS PROGRAMS

EUROPEAN SPACE PROGRAMS-(CONT.)

. SPACE PROGRAMS
 . . EUROPEAN SPACE PROGRAMS
RT AEROSAT SATELLITES
ARIANE LAUNCH VEHICLE
AZUR SATELLITE
COMMITTEE ON SPACE RESEARCH
COS-B SATELLITE
DIAL SATELLITE
ESA SATELLITES
ESRO 1 SATELLITE
ESRO 2 SATELLITE
ESRO 4 SATELLITE
EUROPA LAUNCH VEHICLES
EUROPEAN COMMUNICATIONS
SATELLITE
EUROPEAN SPACE AGENCY
EXOSAT SATELLITE
FOREIGN POLICY
FRENCH SATELLITES
FRENCH SPACE PROGRAMS
GEOS SATELLITES (ESA)
HEOS SATELLITES
INTERNATIONAL MAGNETOSPHERIC
STUDY
INTERNATIONAL SATELLITE GEODESY
EXPERIMENT
IRIS SATELLITES
METEOSAT SATELLITE
OTS (ESA)
SYMPHONIE SATELLITES
U.S.S.R. SPACE PROGRAM

EUROPEAN SPACE RESEARCH ORGANIZATION

USE EUROPEAN SPACE AGENCY

EUROPEAN SPACE RESEARCH ORGANIZATION

SAT
USE ESA SATELLITES

EUROPEAN 1 SPACECRAFT

GS SATELLITES
 . ARTIFICIAL SATELLITES
 . . EUROPEAN 1 SPACECRAFT
 . EARTH SATELLITES
 . . EUROPEAN 1 SPACECRAFT
RT ELDO LAUNCH VEHICLE

EUROPIUM

GS CHEMICAL ELEMENTS
 . RARE EARTH ELEMENTS
 . . EUROPIUM
 . . . EUROPIUM ISOTOPES
METALS
 . RARE EARTH ELEMENTS
 . . EUROPIUM
 . . . EUROPIUM ISOTOPES

EUROPIUM COMPOUNDS

GS RARE EARTH COMPOUNDS
 . . EUROPIUM COMPOUNDS
RT ∞ METAL COMPOUNDS

EUROPIUM ISOTOPES

GS CHEMICAL ELEMENTS
 . NUCLIDES
 . . ISOTOPES
 . . . EUROPIUM ISOTOPES
 . RARE EARTH ELEMENTS
 . . EUROPIUM
 . . . EUROPIUM ISOTOPES
METALS
 . RARE EARTH ELEMENTS
 . . EUROPIUM
 . . . EUROPIUM ISOTOPES

EUSTACHIAN TUBES

GS ANATOMY
 . SENSE ORGANS
 . . EUSTACHIAN TUBES
RT EAR
EARDRUMS
∞ TUBES

EUTECTIC ALLOYS

GS ALLOYS
 . EUTECTIC ALLOYS
 . BINARY SYSTEMS (MATERIALS)
 . . BINARY MIXTURES
 . . . EUTECTICS
 . . . EUTECTIC ALLOYS
MIXTURES
 . BINARY MIXTURES
 . . EUTECTICS
 . . . EUTECTIC ALLOYS

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EUTECTIC ALLOYS-(CONT.)

RT LAMELLA (METALLURGY)
SUPERPLASTICITY
WHISKER COMPOSITES

EUTECTIC COMPOSITES

GS COMPOSITE MATERIALS
 . METAL MATRIX COMPOSITES
 . . EUTECTIC COMPOSITES
RT ALLOYS
DIRECTIONAL SOLIDIFICATION
(CRYSTALS)
EUTECTICS
FRACTURE STRENGTH
∞ MATRICES
METALS
MIXTURES
PRECIPITATION HARDENING

EUTECTIC DIAGRAMS

USE PHASE DIAGRAMS

EUTECTICS

GS BINARY SYSTEMS (MATERIALS)
 . BINARY MIXTURES
 . . EUTECTICS
 . . . EUTECTIC ALLOYS
MIXTURES
 . BINARY MIXTURES
 . . EUTECTICS
 . . . EUTECTIC ALLOYS
RT ALLOYS
EUTECTIC COMPOSITES
LIQUID PHASES
PHASE DIAGRAMS
SOLID PHASES
SOLUTIONS
SYNTECTIC ALLOYS

EUTROPHICATION

RT ENVIRONMENT EFFECTS
LAKES
∞ NUTRIENTS

EUVE

USE EXTREME ULTRAVIOLET EXPLORER
SATELLITE

EUXENITE

GS MINERALS
 . EUXENITE
RT NIOBATES
OXIDES
TITANATES

∞EVACUATING

SN (USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)
RT EVACUATING (TRANSPORTATION)
EVACUATING (VACUUM)

EVACUATING (TRANSPORTATION)

SN (CLEARANCE OF PERSONNEL, ANIMALS,
OR MATERIAL FROM A GIVEN
LOCALITY)
RT C-9 AIRCRAFT
CASUALTIES
CIVIL DEFENSE
EJECTION
ELIMINATION
∞EVACUATING
HOSPITALS
MOBILE QUARANTINE FACILITY
REMOVAL
TRANSPORTATION
UNLOADING

EVACUATING (VACUUM)

UF GAS EVACUATING
RT DRAINAGE
EJECTION
ELIMINATION
∞EVACUATING
EXHAUSTING
GAS POCKETS
PURGING
REMOVAL
SUCTION
VACUUM
VACUUM PUMPS
VENTING
VENTS

EVAL
USE EARTH VIEWING APPLICATIONS
LABORATORY

EVALUATION

GS **EVALUATION**
. TRAINING EVALUATION
RT ACCELERATED LIFE TESTS
ACCEPTABILITY
∞ANALYZING
APPROACH AND LANDING TESTS (STS)
ASSESSMENTS
CERTIFICATION
∞CLASSIFYING
COMPARISON
COMPUTER SYSTEMS PERFORMANCE
CORRELATION
COSTS
CRITERIA
CROP IDENTIFICATION
∞DISCUSSION
ECONOMICS
ESTIMATES
ESTIMATING
EXAMINATION
FEASIBILITY
FIGURE OF MERIT
FORECASTING
∞INDICATION
INSPECTION
MANAGEMENT
∞MEASUREMENT
NORMALIZING (STATISTICS)
OBSERVATION
∞PERFORMANCE
PERFORMANCE PREDICTION
POSITION (TITLE)
PROVING
QUALITY
RANKING
RATINGS
REJECTION
RESERVES
REVIEWING
SELECTION
STATISTICAL CORRELATION
TECHNOLOGY ASSESSMENT
∞TESTS
TIMBER IDENTIFICATION
VALUE

EVANESCENCE

RT EVAPORATION
SURFACE PROPERTIES
TRANSPIRATION

EVAPORATION

GS PHASE TRANSFORMATIONS
. VAPORIZING
. . . **EVAPORATION**
. . . EVAPOTRANSPIRATION
. . . PROPELLANT EVAPORATION
. . . TRANSPIRATION
RT BOILING
CONCENTRATING
CONDENSING
DEHYDRATION
DIFFUSION
DISTILLATION
DRYING
EVANESCENCE
EVAPORATIVE COOLING
EVAPOROGRAPHY
FLASHING (VAPORIZING)
GAS-LIQUID INTERACTIONS
GAS-METAL INTERACTIONS
LIQUID-VAPOR INTERFACES
PERSPIRATION
RESERVOIRS
RESPIRATORY SYSTEM
∞SEPARATION
SKIN (ANATOMY)
SUBLIMATION
VOLATILITY
WATER LOSS

EVAPORATION RATE

GS RATES (PER TIME)
. **EVAPORATION RATE**
RT HEAT TRANSFER COEFFICIENTS

EVAPORATIVE COOLING

GS COOLING
. **EVAPORATIVE COOLING**
. . FILM COOLING

EVAPORATIVE COOLING-(CONT.)

RT . . SWEAT COOLING
COOLING SYSTEMS
CRYOGENIC FLUID STORAGE
EVAPORATION
PROPELLANT EVAPORATION
SURFACE COOLING

EVAPORATORS

GS HEATING EQUIPMENT
. VAPORIZERS
. . **EVAPORATORS**
SEPARATORS
RT **EVAPORATORS**
AIR CONDITIONING EQUIPMENT
ATOMIZERS
CONCENTRATORS
CONDENSERS (LIQUIFIERS)
COOLING SYSTEMS
DRYING APPARATUS
HEAT EXCHANGERS
REFRIGERATING MACHINERY

EVAPOROGRAPHY

RT EVAPORATION
IMAGES
INFRARED RADIATION
PHOTOGRAPHY

EVAPOTRANSPIRATION

GS PHASE TRANSFORMATIONS
. VAPORIZING
. . EVAPORATION
. . . **EVAPOTRANSPIRATION**
RT TRANSPIRATION
VADOSE WATER

EVASIVE ACTIONS

GS MANEUVERS
. **EVASIVE ACTIONS**
RT ELECTRONIC WARFARE
OBSTACLE AVOIDANCE
TACTICS
WARFARE

EVASIVE SATELLITES

GS MANEUVERABLE SPACECRAFT
. **EVASIVE SATELLITES**
SATELLITES
. ARTIFICIAL SATELLITES
. . **EVASIVE SATELLITES**
. . EARTH SATELLITES
. . . **EVASIVE SATELLITES**
RT MILITARY SPACECRAFT

EVECTION

USE LUNAR ORBITS
ORBIT PERTURBATION
SOLAR GRAVITATION

EVEN-EVEN NUCLEI

GS GASES
. IONIZED GASES
. . CHARGED PARTICLES
. . . NUCLEI (NUCLEAR PHYSICS)
. . . . **EVEN-EVEN NUCLEI**
RT NUCLEAR STRUCTURE
ODD-EVEN NUCLEI
ODD-ODD NUCLEI

EVENING

RT DAYTIME
NIGHT
SUNSET

EVENTS

GS **EVENTS**
. CONSECUTIVE EVENTS
RT OCCURRENCES
PROBABILITY DENSITY FUNCTIONS
PROBABILITY THEORY
STATISTICAL ANALYSIS
STATISTICAL DISTRIBUTIONS
STOCHASTIC PROCESSES

EVERGLADES (FL)

RT FLORIDA

EVOKED RESPONSE (PSYCHOPHYSIOLOGY)

RT PHYSIOLOGICAL RESPONSES
PSYCHOPHYSIOLOGY

EVOLUTION

SN (USE OF A MORE SPECIFIC TERM IS
RECOMMENDED-CONSULT THE TERMS
LISTED BELOW)
RT BIOGENY
CHEMICAL EVOLUTION
EVOLUTION (DEVELOPMENT)
EVOLUTION (LIBERATION)
EXISTENCE

EVOLUTION (DEVELOPMENT)

GS **EVOLUTION (DEVELOPMENT)**
. BIOLOGICAL EVOLUTION
. . ABIOGENESIS
. . CHEMICAL EVOLUTION
. . GALACTIC EVOLUTION
. . LUNAR EVOLUTION
. . PLANETARY EVOLUTION
. . STELLAR EVOLUTION
. . . STELLAR MASS ACCRETION
RT ∞BIOLOGY
∞DEVELOPMENT
∞EVOLUTION
EXTINCTION
GENETICS
GROWTH
HEREDITY
INTERSTELLAR EXTINCTION
ONTOGENY
SPECIES DIFFUSION

EVOLUTION (LIBERATION)

GS **EVOLUTION (LIBERATION)**
. GAS EVOLUTION
RT BOILING
DESORPTION
∞EVOLUTION
OUTGASSING
TRANSPIRATION
VAPORIZING

EWR AIRCRAFT

GS **EWR AIRCRAFT**
. VJ-101 AIRCRAFT
RT ∞AIRCRAFT

EXACTNESS

USE PRECISION

EXAMINATION

GS **EXAMINATION**
. EYE EXAMINATIONS
RT ACCEPTABILITY
∞ANALYZING
CHARACTERIZATION
CLINICAL MEDICINE
COMPARISON
CONICAL SCANNING
DETECTION
DIAGNOSIS
∞DISCUSSION
EVALUATION
EXPLORATION
INSPECTION
INVESTIGATION
∞MEASUREMENT
OBSERVATION
∞PERFORMANCE
PROVING
REVIEWING
SCANNING
∞TESTS
TRAINING EVALUATION
ULTRASONIC FLAW DETECTION

EXCAVATION

UF DITCHING (EXCAVATION)
GS **EXCAVATION**
. TUNNELING (EXCAVATION)
RT BOREHOLES
CONSTRUCTION
∞DITCHING
DRAINAGE
EXPLORATION
FOUNDATIONS
MATERIALS HANDLING
MINERAL DEPOSITS
MINERAL EXPLORATION
MINING
PITS (EXCAVATIONS)
STRIP MINING
UNDERGROUND STRUCTURES

EXCHANGERS

EXCHANGERS

- SN (USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)
- RT HEAT EXCHANGERS

EXCHANGING

- GS EXCHANGING
- . CHARGE EXCHANGE
 - . . . RESONANCE CHARGE EXCHANGE
 - . GAS EXCHANGE
 - . ION EXCHANGING
 - . SPIN EXCHANGE
- RT
- EXCONVERSION
 - DEIONIZATION
 - EXSEPARATION
 - EXSHIFT
 - TRANSFERRING

EXCIMER LASERS

- GS STIMULATED EMISSION DEVICES
- . LASERS
 - . . GAS LASERS
 - . . . EXCIMER LASERS
- RT
- ELECTRON PUMPING
 - FLUORIDES
 - HALOGENS
 - LASER OUTPUTS
 - LASING
 - OPTICAL PUMPING
 - EXRARE GAS COMPOUNDS
 - XENON FLUORIDE LASERS

EXCIMER LASERS

- RT
- ELECTRON ORBITALS
 - ELECTRON STATES
 - ELECTRON TRANSITIONS
 - INTERMOLECULAR FORCES
 - MOLECULAR ENERGY LEVELS
 - EXRARE GAS COMPOUNDS

EXCITATION

- UF EXCITED STATES
- GS EXCITATION
- . ATOMIC EXCITATIONS
 - . MOLECULAR EXCITATION
 - . SELF EXCITATION
 - . WAVE EXCITATION
 - . . ACOUSTIC EXCITATION
 - . . . HARMONIC EXCITATION
- RT
- ACTIVATION
 - ACTUATION
 - ATOMIC ENERGY LEVELS
 - AURORAL IONIZATION
 - AURORAL IRRADIATION
 - ELECTROMAGNETIC ABSORPTION
 - ELECTRON STATES
 - ELECTRON TRANSITIONS
 - EMISSION
 - ENERGY LEVELS
 - IONIZATION
 - IRRADIATION
 - METASTABLE STATE
 - RADIATION TRAPPING
 - RELAXATION TIME
 - ROTONS
 - STARTING
 - TRANSITION PROBABILITIES

EXCITED STATES

- USE EXCITATION

EXCITONS

- GS ELEMENTARY EXCITATIONS
- . EXCITONS
- RT
- CARRIER MOBILITY
 - ELECTRICAL INSULATION
 - ELECTRONS
 - ENERGY BANDS
 - HOLES (ELECTRON DEFICIENCIES)
 - IONIC CRYSTALS
 - LIGHT (VISIBLE RADIATION)
 - OPTICAL PROPERTIES
 - PHOTOELECTROMAGNETIC EFFECTS
 - PLASMONS
 - POSITRONIUM
 - SEMICONDUCTORS (MATERIALS)
 - SPECTRA
 - SUHL EFFECT

EXCLUSION

- RT
- ELIMINATION
 - ISOLATION
 - PAULI EXCLUSION PRINCIPLE
 - REJECTION

EXCLUSION-(CONT.)

- EXSEPARATION

EXCRETION

- RT
- EXPULSION
 - FECES
 - HUMAN WASTES
 - PERSPIRATION
 - URINE

EXECUTIVE AIRCRAFT

- USE
- GENERAL AVIATION AIRCRAFT
 - PASSENGER AIRCRAFT

EXERCISE

- USE
- PHYSICAL EXERCISE

EXERCISE PHYSIOLOGY

- GS PHYSIOLOGY
- . EXERCISE PHYSIOLOGY
- RT
- CIRCULATORY SYSTEM
 - HUMAN BODY
 - LOCOMOTION
 - MUSCULAR TONUS
 - PHYSICAL FITNESS
 - PHYSIOCHEMISTRY
 - PHYSIOLOGICAL EFFECTS
 - RESPIRATORY PHYSIOLOGY
 - STRESS (PHYSIOLOGY)

EXERTION

- USE
- PHYSICAL WORK

EXHALATION

- RT
- ALVEOLAR AIR
 - EXPIRED AIR
 - RESPIROMETERS

EXHAUST DIFFUSERS

- RT
- CONICAL NOZZLES
 - EXDIFFUSERS
 - EJECTORS
 - EXJET NOZZLES
 - SUPERSONIC DIFFUSERS
 - VANELESS DIFFUSERS

EXHAUST EMISSION

- GS DECAY
- . EMISSION
 - . . EXHAUST EMISSION
- RT
- GAS-GAS INTERACTIONS
 - GAS-METAL INTERACTIONS
 - HIGH TEMPERATURE GASES
 - INFRARED RADIATION
 - JET EXHAUST
 - PARTICLE EMISSION
 - POLLUTION TRANSPORT
 - RELEASING
 - THERMAL EMISSION

EXHAUST FLOW SIMULATION

- GS SIMULATION
- . EXHAUST FLOW SIMULATION
 - . . ATMOSPHERIC ENTRY SIMULATION
 - . . . FLIGHT SIMULATION
- RT
- FLOW DISTRIBUTION
 - MATHEMATICAL MODELS
 - WIND TUNNELS

EXHAUST GASES

- UF EXHAUST JETS
- GS GASES
- . EXHAUST GASES
 - . . FLUE GASES
- RT
- AIR POLLUTION
 - EXBLASTS
 - COMBUSTION EFFICIENCY
 - COMBUSTION PRODUCTS
 - DILUENTS
 - EFFLUENTS
 - ENVIRONMENT EFFECTS
 - EROSIVE BURNING
 - EXHAUSTING
 - FUMES
 - GAS MIXTURES
 - GAS RECOVERY
 - INFRARED SUPPRESSION
 - JET BLAST EFFECTS
 - JET EXHAUST
 - NOZZLE FLOW
 - ODORS
 - POLLUTION TRANSPORT
 - PROPULSION
 - REACTION PRODUCTS

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EXHAUST GASES-(CONT.)

- ROCKET EXHAUST
- SMOG
- SMOKE
- SMOKE ABATEMENT
- VAPORS
- WASTE DISPOSAL
- WASTE ENERGY UTILIZATION
- WASTES

EXHAUST JETS

- USE
- EXHAUST GASES

EXHAUST NOZZLES

- GS EXHAUST NOZZLES
- . CONVERGENT-DIVERGENT NOZZLES
 - . PLUG NOZZLES
 - . SPIKE NOZZLES
 - . TURBINE EXHAUST NOZZLES
- RT
- AIR DUCTS
 - ANNULAR NOZZLES
 - BASE HEATING
 - CONICAL NOZZLES
 - DIVERGENT NOZZLES
 - EJECTORS
 - EXFLOW
 - INFRARED SUPPRESSION
 - INLET NOZZLES
 - JET ENGINES
 - EXJET NOZZLES
 - NOZZLE FLOW
 - NOZZLE INSERTS
 - EXNOZZLES
 - OPENINGS
 - OUTLETS
 - RENE PROGRAM
 - ROCKET ENGINES
 - SKIRTS

EXHAUST SYSTEMS

- RT
- AFTERBURNING
 - AIR CONDITIONING
 - AIR POLLUTION
 - BLOWERS
 - CHIMNEYS
 - CONDENSERS (LIQUIFIERS)
 - COOLING SYSTEMS
 - DUCTS
 - DUST COLLECTORS
 - EJECTORS
 - ELIMINATION
 - ENGINES
 - EXHAUSTING
 - FLUES
 - FUEL TANK PRESSURIZATION
 - INTAKE SYSTEMS
 - INTERNAL COMBUSTION ENGINES
 - MANIFOLDS
 - MUFFLERS
 - OPENINGS
 - OUTLETS
 - PIPE NOZZLES
 - PLENUM CHAMBERS
 - PORTS (OPENINGS)
 - ROCKET EXHAUST
 - EXSYSTEMS
 - TEMPERATURE CONTROL
 - VENTILATION
 - VENTILATORS
 - VENTS
 - WASTE DISPOSAL

EXHAUST VELOCITY

- GS RATES (PER TIME)
- . EXHAUST VELOCITY
 - VELOCITY
- RT
- . EXHAUST VELOCITY
 - ACOUSTIC VELOCITY
 - CRITICAL VELOCITY
 - EXPULSION
 - FLOW VELOCITY

EXHAUSTING

- RT
- BLOWING
 - BREATHING VIBRATION
 - CONSUMPTION
 - DECONTAMINATION
 - EXDISCHARGE
 - DISPERSING
 - DISPOSAL
 - DISSIPATION
 - EJECTION
 - ELIMINATION
 - EVACUATING (VACUUM)
 - EXHAUST GASES

NASA THESAURUS (VOLUME 1)

EXHAUSTING-(CONT.)

EXHAUST SYSTEMS
RELIEVING
REMOVAL
VENTILATION
VENTING

EXHAUSTION

RT CONSUMPTION
DEPLETION
FATIGUE (BIOLOGY)
HYPERKINESIA

EXISTENCE

RT COSMOLOGY
∞ EVOLUTION
LIFE SPAN
VALIDITY

EXISTENCE THEOREMS

GS ANALYSIS (MATHEMATICS)
REAL VARIABLES
EXISTENCE THEOREMS
THEOREMS
EXISTENCE THEOREMS
RT PROBLEM SOLVING
ROOTS OF EQUATIONS

EXITS (DOORS)

USE DOORS

EXOBIOLOGY

UF ASTROBIOLOGY
SPACE BIOLOGY
RT AEROSPACE ENVIRONMENTS
APOLLO EXTENSION SYSTEM
BIOASTRONAUTICS
∞ BIOLOGY
CARBONACEOUS METEORITES
CHEMICAL EVOLUTION
ENVIRONMENT MODELS
EXTRATERRESTRIAL LIFE
LIFE SUPPORT SYSTEMS
LUNAR ENVIRONMENT
PANSPERMIA
PLANETARY ENVIRONMENTS
SPACECRAFT CONTAMINATION
SPACECRAFT ENVIRONMENTS
SPACECRAFT STERILIZATION

EXOPHORIA

USE HETEROPHORIA

EXOS SOUNDING ROCKET

GS ROCKET VEHICLES
MULTISTAGE ROCKET VEHICLES
EXOS SOUNDING ROCKET
SOUNDING ROCKETS
EXOS SOUNDING ROCKET
RT HONEST JOHN ROCKET VEHICLE
NIKE-AJAX MISSILE
SOLID PROPELLANT ROCKET ENGINES
TE-289 ENGINE
XM-33 ENGINE

EXOSAT SATELLITE

UF HELOS (SATELLITE)
HIGH ECCENTRIC LUNAR OCCULTATION
SATELLITE
GS SATELLITES
ARTIFICIAL SATELLITES
ESA SATELLITES
EXOSAT SATELLITE
EARTH SATELLITES
ESA SATELLITES
EXOSAT SATELLITE
SCIENTIFIC SATELLITES
EXOSAT SATELLITE
UNMANNED SPACECRAFT
EXOSAT SATELLITE
RT ECCENTRIC ORBITS
EUROPEAN SPACE PROGRAMS
LUNAR OCCULTATION
X RAY ASTRONOMY
X RAY SOURCES

EXOSKELETONS

RT ANATOMY
ARTHROPODS
BODY COMPOSITION (BIOLOGY)
BONES
CONNECTIVE TISSUE
MUSCULOSKELETAL SYSTEM
PHYSIOLOGY

EXOSPHERE

GS EARTH ATMOSPHERE
UPPER ATMOSPHERE
EXOSPHERE
RT HETEROSPHERE
IONOSPHERE
MAGNETOSPHERE
RADIATION BELTS
THERMOSPHERE

EXOTHERMIC REACTIONS

GS CHEMICAL REACTIONS
EXOTHERMIC REACTIONS
RT ASSOCIATION REACTIONS
COMBUSTION
ENDOTHERMIC REACTIONS
INCENDIARY AMMUNITION
PYROLYSIS
THERMAL DECOMPOSITION

EXPANDABLE STRUCTURES

GS EXPANDABLE STRUCTURES
BELLOWS
INFLATABLE STRUCTURES
BALLOONS
HIGH ALTITUDE BALLOONS
JIMSPHERE BALLOONS
SKYHOOK BALLOONS
SUPERPRESSURE BALLOONS
METEOROLOGICAL BALLOONS
JIMSPHERE BALLOONS
ROBIN BALLOONS
MICROBALLOONS
TETHERED BALLOONS
BALLUTES
GAS BAGS
INFLATABLE GLIDERS
INFLATABLE HYPERSONIC VEHICLES
INFLATABLE SPACECRAFT
BEACON SATELLITES
BEACON EXPLORER A
EXPLORER 22 SATELLITE
PARAVULCOONS
RT EXPULSION BLADDERS
FOLDING STRUCTURES
LARGE SPACE STRUCTURES
ORBITAL ASSEMBLY
SPACE ERECTABLE STRUCTURES
∞ SPACECRAFT
STRUCTURES
VARIABLE GEOMETRY STRUCTURES

EXPANSION

UF ENLARGING
GS EXPANSION
GAS EXPANSION
KARHUNEN-LOEVE EXPANSION
PRANDTL-MEYER EXPANSION
SERIES EXPANSION
THERMAL EXPANSION
RT ADIABATIC CONDITIONS
DISTORTION
ELONGATION
EXTENSIONS
INFLATING
RAREFACTION
RELAXATION (MECHANICS)
SWELLING
THERMAL BUCKLING

EXPANSION WAVES

USE ELASTIC WAVES

EXPECTANCY HYPOTHESIS

GS HYPOTHESES
EXPECTANCY HYPOTHESIS
RT MONTE CARLO METHOD
PROBABILITY DENSITY FUNCTIONS
STATISTICAL ANALYSIS
STATISTICAL DISTRIBUTIONS

EXPECTATION

RT CONTINGENCY
DECISION THEORY
FORECASTING
RELIABILITY

EXPEDITIONS

RT EXPLORATION
MISSIONS
SPACE FLIGHT

EXPELLANTS

RT COUGH
DISCHARGE

EXPERIMENTAL GAS COOLED REACTORS

EXPELLANTS-(CONT.)

EXPULSION
FLUSHING

EXPENDABLE STAGES (SPACECRAFT)

RT BOOSTER RECOVERY
BOOSTER ROCKET ENGINES
ENGINES
MULTISTAGE ROCKET VEHICLES
RECOVERABLE SPACECRAFT
REUSABLE SPACECRAFT
ROCKET ENGINES
SPACE SHUTTLES
STAGE SEPARATION

EXPERIENCE

RT EDUCATION
QUALIFICATIONS
UPGRADING

EXPERIMENTAL BOILING WATER REACTORS

UF EBWR (REACTOR)
GS NUCLEAR REACTORS
LIQUID COOLED REACTORS
WATER COOLED REACTORS
BOILING WATER REACTORS
EXPERIMENTAL BOILING WATER
REACTORS
NUCLEAR RESEARCH AND TEST
REACTORS
EXPERIMENTAL BOILING WATER
REACTORS
WATER MODERATED REACTORS
EXPERIMENTAL BOILING WATER
REACTORS

EXPERIMENTAL BREEDER REACTOR 1

UF EBR-1 REACTOR
GS NUCLEAR REACTORS
BREEDER REACTORS
EXPERIMENTAL BREEDER REACTOR
1
FAST NUCLEAR REACTORS
EXPERIMENTAL BREEDER REACTOR
1
LIQUID COOLED REACTORS
LIQUID METAL COOLED REACTORS
EXPERIMENTAL BREEDER
REACTOR 1
NUCLEAR RESEARCH AND TEST
REACTORS
EXPERIMENTAL BREEDER REACTOR
1

EXPERIMENTAL BREEDER REACTOR 2

UF EBR-2 REACTOR
GS NUCLEAR REACTORS
BREEDER REACTORS
EXPERIMENTAL BREEDER REACTOR
2
FAST NUCLEAR REACTORS
EXPERIMENTAL BREEDER REACTOR
2
LIQUID COOLED REACTORS
LIQUID METAL COOLED REACTORS
EXPERIMENTAL BREEDER
REACTOR 2
NUCLEAR RESEARCH AND TEST
REACTORS
EXPERIMENTAL BREEDER REACTOR
2

EXPERIMENTAL DESIGN

SN (DESIGN OF EXPERIMENTS EXCLUDES
PROTOTYPES)
UF DESIGN OF EXPERIMENTS
GS EXPERIMENTAL DESIGN
FACTORIAL DESIGN
RT COVARIANCE
DEGREES OF FREEDOM
DESIGN
FACTOR ANALYSIS
LABORATORIES
MATHEMATICAL MODELS
OPERATIONS RESEARCH
ORTHOGONALITY
QUALITY CONTROL
REGRESSION ANALYSIS
STATISTICAL ANALYSIS
SYSTEMS ENGINEERING
VARIANCE (STATISTICS)

EXPERIMENTAL GAS COOLED REACTORS

UF EGCR (REACTOR)
GS NUCLEAR REACTORS

EXPERIMENTAL GAS COOLED-(CONT.)

- . GAS COOLED REACTORS
- . . . **EXPERIMENTAL GAS COOLED REACTORS**
- . NUCLEAR RESEARCH AND TEST REACTORS
- . . . **EXPERIMENTAL GAS COOLED REACTORS**

EXPERIMENTAL ORGANIC COOLED REACTORS

- UF EOCR (REACTOR)
- GS NUCLEAR REACTORS
- . LIQUID COOLED REACTORS
- . . . ORGANIC COOLED REACTORS
- . . . **EXPERIMENTAL ORGANIC COOLED REACTORS**
- . NUCLEAR RESEARCH AND TEST REACTORS
- . . . **EXPERIMENTAL ORGANIC COOLED REACTORS**
- . ORGANIC MODERATED REACTORS
- . . . **EXPERIMENTAL ORGANIC COOLED REACTORS**

EXPERIMENTAL REFLECTOR ORBITAL SHOT PROJ

- UF EROS PROJECT
- GS PROGRAMS
- . PROJECTS
- . . . **EXPERIMENTAL REFLECTOR ORBITAL SHOT PROJ**

EXPERIMENTAL STOL TRANSPORT RSCH AIRPLANE

- USE QUESTOL

EXPERIMENTATION

- GS **EXPERIMENTATION**
- . PHYSICS AND CHEMISTRY EXPERIMENT IN SPACE
- . SPHINX
- RT CRITICAL EXPERIMENTS
- EXPLORATION
- INVESTIGATION
- LABORATORIES
- SPACEBORNE EXPERIMENTS

EXPIRATION

- RT . BREATHING
- DEATH
- EXPIRED AIR
- EXPULSION
- MORTALITY
- RESPIRATION

EXPIRED AIR

- GS GASES
- . AIR
- . . . **EXPIRED AIR**
- . GAS MIXTURES
- . . . **EXPIRED AIR**
- RT ALVEOLAR AIR
- EXHALATION
- EXPIRATION
- GAS COMPOSITION
- METABOLIC WASTES
- REBREATHING
- RESPIRATION

EXPLODING CONDUCTOR CIRCUITS

- USE CIRCUITS
- EXPLODING WIRES

EXPLODING CONDUCTORS

- USE EXPLODING WIRES

EXPLODING WIRES

- UF EXPLODING CONDUCTOR CIRCUITS
- EXPLODING CONDUCTORS
- GS EXPLOSIVE DEVICES
- . INITIATORS (EXPLOSIVES)
- . . . **EXPLODING WIRES**
- WIRE
- . . . **EXPLODING WIRES**
- RT BOOSTERS (EXPLOSIVES)
- CAPS (EXPLOSIVES)
- CONDUCTORS
- DETONATORS
- ELECTRIC WIRE
- PLASMA GENERATORS
- PRIMERS (EXPLOSIVES)
- RADIATION TRANSPORT
- SHOCK WAVES
- WIRE BRIDGE CIRCUITS

EXPLOITATION

- RT BENEFICIATION
- DEPLETION
- . DEVELOPMENT
- EXPLORATION
- GEOLOGY
- LAND USE
- MINES (EXCAVATIONS)
- MINING
- RESERVES
- STRIP MINING

EXPLORATION

- UF DISCOVERING
- PROSPECTING
- GS **EXPLORATION**
- . LUNAR EXPLORATION
- . MINERAL EXPLORATION
- . OIL EXPLORATION
- . SPACE EXPLORATION
- RT BOREHOLES
- DETECTION
- DRILLING
- EXAMINATION
- EXCAVATION
- EXPEDITIONS
- EXPERIMENTATION
- EXPLOITATION
- GEOLOGICAL SURVEYS
- GEOLOGY
- GEOTHERMAL TECHNOLOGY
- INVESTIGATION
- MINES (EXCAVATIONS)
- OSS-1 PAYLOAD
- RESEARCH
- RESERVES
- SAMPLING
- SPACE FLIGHT
- SURVEYS
- UNDERGROUND ACOUSTICS

EXPLORER S-46 SATELLITE

- UF S-46 SATELLITE
- GS SATELLITES
- . ARTIFICIAL SATELLITES
- . . . EXPLORER SATELLITES
- . . . **EXPLORER S-46 SATELLITE**
- . EARTH SATELLITES
- . . . EXPLORER SATELLITES
- . . . **EXPLORER S-46 SATELLITE**
- RT JUNO 2 LAUNCH VEHICLE

EXPLORER S-55 SATELLITE

- GS SATELLITES
- . ARTIFICIAL SATELLITES
- . . . EXPLORER SATELLITES
- . . . **EXPLORER S-55 SATELLITE**
- . EARTH SATELLITES
- . . . EXPLORER SATELLITES
- . . . **EXPLORER S-55 SATELLITE**
- RT SCOUT LAUNCH VEHICLE
- X-248 ENGINE

EXPLORER SATELLITES

- GS SATELLITES
- . ARTIFICIAL SATELLITES
- . . . **EXPLORER SATELLITES**
- . . . APPLICATIONS EXPLORER SATELLITES
- . . . DUAL AIR DENSITY EXPLORER
- . . . DYNAMICS EXPLORER SATELLITES
- . . . DYNAMICS EXPLORER 1 SATELLITE
- . . . DYNAMICS EXPLORER 2 SATELLITE
- . . . EXPLORER S-46 SATELLITE
- . . . EXPLORER S-55 SATELLITE
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EXPLORER SATELLITES-(CONT.)

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- . . . EXPLORER 55 SATELLITE
- . . . EXTREME ULTRAVIOLET EXPLORER SATELLITE
- . . . IMP
- . . . INTERNATIONAL MAGNETOSPHERIC EXPLORER
- . . . INTERNATIONAL SUN EARTH EXPLORERS
- . . . INTERNATIONAL SUN EARTH EXPLORER 1
- . . . INTERNATIONAL SUN EARTH EXPLORER 2
- . . . INTERNATIONAL SUN EARTH EXPLORER 3
- . . . MICROMETEOROID EXPLORER SATELLITES
- . . . RADIO ASTRONOMY EXPLORER SATELLITE
- . . . SOLAR MESOSPHERE EXPLORER EARTH SATELLITES
- . . . **EXPLORER SATELLITES**
- . . . APPLICATIONS EXPLORER SATELLITES
- . . . COSMIC BACKGROUND EXPLORER SATELLITE
- . . . DUAL AIR DENSITY EXPLORER
- . . . DYNAMICS EXPLORER SATELLITES
- . . . DYNAMICS EXPLORER 1 SATELLITE
- . . . DYNAMICS EXPLORER 2 SATELLITE
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EXPLORER SATELLITES-(CONT.)

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 ... EXPLORER 55 SATELLITE
 ... EXTREME ULTRAVIOLET EXPLORER SATELLITE
 ... IMP
 ... INTERNATIONAL MAGNETOSPHERIC EXPLORER
 ... INTERNATIONAL SUN EARTH EXPLORERS
 ... INTERNATIONAL SUN EARTH EXPLORER 1
 ... INTERNATIONAL SUN EARTH EXPLORER 2
 ... INTERNATIONAL SUN EARTH EXPLORER 3
 ... MICROMETEOROID EXPLORER SATELLITES
 ... RADIO ASTRONOMY EXPLORER SATELLITE
 RT IUE
 JUNO 1 LAUNCH VEHICLE
 JUPITER C ROCKET VEHICLE
 METEOROID DUST CLOUDS
 MICROMETEORIDS
 OUTER PLANETS EXPLORERS
 SCOUT PROJECT
 THOR DELTA LAUNCH VEHICLE
 ZODIACAL DUST

EXPLORER 1 SATELLITE

GS SATELLITES
 . ARTIFICIAL SATELLITES
 . EXPLORER SATELLITES
 . EXPLORER 1 SATELLITE
 . EARTH SATELLITES
 . EXPLORER SATELLITES
 . EXPLORER 1 SATELLITE

EXPLORER 2 SATELLITE

GS SATELLITES
 . ARTIFICIAL SATELLITES
 . EXPLORER SATELLITES
 . EXPLORER 2 SATELLITE
 . EARTH SATELLITES
 . EXPLORER SATELLITES
 . EXPLORER 2 SATELLITE

EXPLORER 3 SATELLITE

GS SATELLITES
 . ARTIFICIAL SATELLITES
 . EXPLORER SATELLITES
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 . EARTH SATELLITES
 . EXPLORER SATELLITES
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EXPLORER 4 SATELLITE

GS SATELLITES
 . ARTIFICIAL SATELLITES
 . EXPLORER SATELLITES
 . EXPLORER 4 SATELLITE
 . EARTH SATELLITES
 . EXPLORER SATELLITES
 . EXPLORER 4 SATELLITE

EXPLORER 5 SATELLITE

GS SATELLITES
 . ARTIFICIAL SATELLITES
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 . EARTH SATELLITES
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EXPLORER 6 SATELLITE

GS SATELLITES
 . ARTIFICIAL SATELLITES
 . EXPLORER SATELLITES
 . EXPLORER 6 SATELLITE
 . GEOPHYSICAL SATELLITES
 . EXPLORER 6 SATELLITE
 . EARTH SATELLITES
 . EXPLORER SATELLITES
 . EXPLORER 6 SATELLITE
 . GEOPHYSICAL SATELLITES
 . EXPLORER 6 SATELLITE
 RT THOR ABLE ROCKET VEHICLE

EXPLORER 7 SATELLITE

GS SATELLITES
 . ARTIFICIAL SATELLITES
 . EXPLORER SATELLITES
 . EXPLORER 7 SATELLITE
 . EARTH SATELLITES
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EXPLORER 8 SATELLITE

GS SATELLITES
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 . EARTH SATELLITES
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EXPLORER 9 SATELLITE

GS SATELLITES
 . ARTIFICIAL SATELLITES
 . EXPLORER SATELLITES
 . EXPLORER 9 SATELLITE
 . METEOROLOGICAL SATELLITES
 . EXPLORER 9 SATELLITE
 . EARTH SATELLITES
 . EXPLORER SATELLITES
 . EXPLORER 9 SATELLITE
 . METEOROLOGICAL SATELLITES
 . EXPLORER 9 SATELLITE
 RT SCOUT LAUNCH VEHICLE

EXPLORER 10 SATELLITE

GS SATELLITES
 . ARTIFICIAL SATELLITES
 . EXPLORER SATELLITES
 . EXPLORER 10 SATELLITE
 . GEOPHYSICAL SATELLITES
 . EXPLORER 10 SATELLITE
 . EARTH SATELLITES
 . EXPLORER SATELLITES
 . EXPLORER 10 SATELLITE
 . GEOPHYSICAL SATELLITES
 . EXPLORER 10 SATELLITE
 RT DELTA LAUNCH VEHICLE

EXPLORER 11 SATELLITE

UF GAMMA RAY ASTRONOMY EXPLORER
 GS SATELLITES
 . ARTIFICIAL SATELLITES
 . EXPLORER SATELLITES
 . EXPLORER 11 SATELLITE
 . EARTH SATELLITES
 . EXPLORER SATELLITES
 . EXPLORER 11 SATELLITE
 RT JUNO 2 LAUNCH VEHICLE

EXPLORER 12 SATELLITE

UF ENERGETIC PARTICLE EXPLORER A
 EPE-A
 S-3 SATELLITE
 GS SATELLITES
 . ARTIFICIAL SATELLITES
 . EXPLORER SATELLITES
 . EXPLORER 12 SATELLITE
 . GEOPHYSICAL SATELLITES
 . EXPLORER 12 SATELLITE
 . EARTH SATELLITES
 . EXPLORER SATELLITES
 . EXPLORER 12 SATELLITE
 . GEOPHYSICAL SATELLITES
 . EXPLORER 12 SATELLITE
 RT DELTA LAUNCH VEHICLE

EXPLORER 13 SATELLITE

GS SATELLITES
 . ARTIFICIAL SATELLITES
 . EXPLORER SATELLITES
 . EXPLORER 13 SATELLITE
 . GEOPHYSICAL SATELLITES
 . EXPLORER 13 SATELLITE

EXPLORER 13 SATELLITE-(CONT.)

. EARTH SATELLITES
 . EXPLORER SATELLITES
 . EXPLORER 13 SATELLITE
 . GEOPHYSICAL SATELLITES
 . EXPLORER 13 SATELLITE
 RT SCOUT LAUNCH VEHICLE

EXPLORER 14 SATELLITE

UF ENERGETIC PARTICLE EXPLORER B
 EPE-B
 GS SATELLITES
 . ARTIFICIAL SATELLITES
 . EXPLORER SATELLITES
 . EXPLORER 14 SATELLITE
 . EARTH SATELLITES
 . EXPLORER SATELLITES
 . EXPLORER 14 SATELLITE
 RT DELTA LAUNCH VEHICLE

EXPLORER 15 SATELLITE

UF ENERGETIC PARTICLE EXPLORER C
 EPE-C
 GS SATELLITES
 . ARTIFICIAL SATELLITES
 . EXPLORER SATELLITES
 . EXPLORER 15 SATELLITE
 . EARTH SATELLITES
 . EXPLORER SATELLITES
 . EXPLORER 15 SATELLITE
 RT DELTA LAUNCH VEHICLE

EXPLORER 16 SATELLITE

GS SATELLITES
 . ARTIFICIAL SATELLITES
 . EXPLORER SATELLITES
 . EXPLORER 16 SATELLITE
 . EARTH SATELLITES
 . EXPLORER SATELLITES
 . EXPLORER 16 SATELLITE
 RT SCOUT LAUNCH VEHICLE

EXPLORER 17 SATELLITE

UF AE-A SATELLITE
 ATMOSPHERE EXPLORER A
 S-6 SATELLITE
 GS SATELLITES
 . ARTIFICIAL SATELLITES
 . EXPLORER SATELLITES
 . EXPLORER 17 SATELLITE
 . METEOROLOGICAL SATELLITES
 . EXPLORER 17 SATELLITE
 . EARTH SATELLITES
 . EXPLORER SATELLITES
 . EXPLORER 17 SATELLITE
 . METEOROLOGICAL SATELLITES
 . EXPLORER 17 SATELLITE
 RT DELTA LAUNCH VEHICLE

EXPLORER 18 SATELLITE

UF IMP-A
 IMP-1
 INTERPLANETARY EXPLORER
 S-74 SATELLITE
 GS INTERPLANETARY SPACECRAFT
 . EXPLORER 18 SATELLITE
 SATELLITES
 . ARTIFICIAL SATELLITES
 . EXPLORER SATELLITES
 . EXPLORER 18 SATELLITE
 . LUNAR SATELLITES
 . EXPLORER 18 SATELLITE
 . EARTH SATELLITES
 . EXPLORER SATELLITES
 . EXPLORER 18 SATELLITE
 UNMANNED SPACECRAFT
 . SPACE PROBES
 . EXPLORER 18 SATELLITE
 RT DELTA LAUNCH VEHICLE

EXPLORER 19 SATELLITE

UF AD-A SATELLITE
 AIR DENSITY EXPLORER A
 GS SATELLITES
 . ARTIFICIAL SATELLITES
 . EXPLORER SATELLITES
 . EXPLORER 19 SATELLITE
 . METEOROLOGICAL SATELLITES
 . EXPLORER 19 SATELLITE
 . EARTH SATELLITES
 . EXPLORER SATELLITES
 . EXPLORER 19 SATELLITE
 . METEOROLOGICAL SATELLITES
 . EXPLORER 19 SATELLITE
 RT SCOUT LAUNCH VEHICLE

EXPLORER 20 SATELLITE

EXPLORER 20 SATELLITE

UF IONOSPHERE EXPLORER A
GS SATELLITES
. ARTIFICIAL SATELLITES
. EXPLORER SATELLITES
. . . EXPLORER 20 SATELLITE
. EARTH SATELLITES
. EXPLORER SATELLITES
. . . EXPLORER 20 SATELLITE
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EXPLORER 21 SATELLITE

UF IMP-B
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GS SATELLITES
. ARTIFICIAL SATELLITES
. EXPLORER SATELLITES
. . . EXPLORER 21 SATELLITE
. EARTH SATELLITES
. EXPLORER SATELLITES
. . . EXPLORER 21 SATELLITE
RT DELTA LAUNCH VEHICLE

EXPLORER 22 SATELLITE

UF BE B
BEACON EXPLORER B
GS EXPANDABLE STRUCTURES
. INFLATABLE STRUCTURES
. INFLATABLE SPACECRAFT
. . . BEACON SATELLITES
. . . EXPLORER 22 SATELLITE
SATELLITES
. ARTIFICIAL SATELLITES
. EXPLORER SATELLITES
. . . EXPLORER 22 SATELLITE
. NAVIGATION SATELLITES
. . . EXPLORER 22 SATELLITE
. PASSIVE SATELLITES
. . . BEACON SATELLITES
. . . EXPLORER 22 SATELLITE
. EARTH SATELLITES
. EXPLORER SATELLITES
. . . EXPLORER 22 SATELLITE
. NAVIGATION SATELLITES
. . . EXPLORER 22 SATELLITE
. PASSIVE SATELLITES
. . . BEACON SATELLITES
. . . EXPLORER 22 SATELLITE
SPACE ERECTABLE STRUCTURES
. INFLATABLE SPACECRAFT
. BEACON SATELLITES
. . . EXPLORER 22 SATELLITE
UNMANNED SPACECRAFT
. NAVIGATION SATELLITES
. . . EXPLORER 22 SATELLITE
. PASSIVE SATELLITES
. . . BEACON SATELLITES
. . . EXPLORER 22 SATELLITE
RT SCOUT LAUNCH VEHICLE

EXPLORER 23 SATELLITE

GS SATELLITES
. ARTIFICIAL SATELLITES
. EXPLORER SATELLITES
. . . EXPLORER 23 SATELLITE
. EARTH SATELLITES
. EXPLORER SATELLITES
. . . EXPLORER 23 SATELLITE
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EXPLORER 24 SATELLITE

UF AD/I SATELLITE
GS SATELLITES
. ARTIFICIAL SATELLITES
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. . . EXPLORER 24 SATELLITE
. EARTH SATELLITES
. EXPLORER SATELLITES
. . . EXPLORER 24 SATELLITE
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EXPLORER 25 SATELLITE

UF AD/I B
AIR DENSITY/INJUN EXPLORER B
INJUN EXPLORER
GS SATELLITES
. ARTIFICIAL SATELLITES
. EXPLORER SATELLITES
. . . EXPLORER 25 SATELLITE
. INJUN SATELLITES
. . . EXPLORER 25 SATELLITE
. EARTH SATELLITES
. EXPLORER SATELLITES
. . . EXPLORER 25 SATELLITE
. INJUN SATELLITES

EXPLORER 25 SATELLITE-(CONT.)

. . . EXPLORER 25 SATELLITE
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EXPLORER 26 SATELLITE

UF ENERGETIC PARTICLE EXPLORER D
EPE-D
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. . . EXPLORER 26 SATELLITE
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. EXPLORER SATELLITES
. . . EXPLORER 26 SATELLITE
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EXPLORER 27 SATELLITE

UF BE C
BEACON EXPLORER C
GS SATELLITES
. ARTIFICIAL SATELLITES
. EXPLORER SATELLITES
. . . EXPLORER 27 SATELLITE
. EARTH SATELLITES
. EXPLORER SATELLITES
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RT SCOUT LAUNCH VEHICLE

EXPLORER 28 SATELLITE

UF IMP-C
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GS SATELLITES
. ARTIFICIAL SATELLITES
. EXPLORER SATELLITES
. . . EXPLORER 28 SATELLITE
. LUNAR SATELLITES
. . . EXPLORER 28 SATELLITE
. EARTH SATELLITES
. EXPLORER SATELLITES
. . . EXPLORER 28 SATELLITE
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EXPLORER 29 SATELLITE

GS SATELLITES
. ARTIFICIAL SATELLITES
. EXPLORER SATELLITES
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. GEODETIC SATELLITES
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. EXPLORER SATELLITES
. . . EXPLORER 29 SATELLITE
. GEODETIC SATELLITES
. . . EXPLORER 29 SATELLITE
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. . . EXPLORER 29 SATELLITE
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ANNA SATELLITES
CELESTIAL GEODESY
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GEOS 1 SATELLITE
LARGOS SATELLITE
PAGEOS SATELLITE

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. . . EXPLORER 30 SATELLITE
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. EXPLORER SATELLITES
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UF DME-A SATELLITE
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. EARTH SATELLITES
. EXPLORER SATELLITES
. . . EXPLORER 31 SATELLITE
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. . . EXPLORER 32 SATELLITE
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IMP-D
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. EXPLORER SATELLITES
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LARGOS SATELLITE
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. EXPLORER SATELLITES

. . . EXPLORER 42 SATELLITE

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. . . EXPLORER 45 SATELLITE

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. . . EXPLORER 45 SATELLITE

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. EXPLORER SATELLITES

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EXPLORER 52 SATELLITE

UF HAWKEYE 1 SATELLITE

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. . . EXPLORER 52 SATELLITE

. EARTH SATELLITES

. EXPLORER SATELLITES

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EXPLORER 53 SATELLITE

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. . . EXPLORER 53 SATELLITE

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. . . EXPLORER 53 SATELLITE

RT SAS-3

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. EXPLORER SATELLITES

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EXPLORER 55 SATELLITE

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RT FIRE PREVENTION

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GS EXPLOSIONS

. AERIAL EXPLOSIONS

. CHEMICAL EXPLOSIONS

. . . GAS EXPLOSIONS

. NUCLEAR EXPLOSIONS

. . . THERMONUCLEAR EXPLOSIONS

. UNDERGROUND EXPLOSIONS

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BLAST LOADS

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GS PRESSURE REDUCTION

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UF CARTRIDGE ACTUATED DEVICES

GS EXPLOSIVE DEVICES

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. BOOSTERS (EXPLOSIVES)

. CAPS (EXPLOSIVES)

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. SHAPED CHARGES

. TORPEDOES

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GS FORMING TECHNIQUES

. COLD WORKING

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. NITRASOL EXPLOSIVES

. OCTOL (EXPLOSIVE)

. PENTOLITE

. RDX

. STYPHNATES

. TETRYL

RT TRINITROTOLUENE

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GUNS (ORDNANCE)
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UF X RAY SPECTROPOLARIMETRY
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RT ATMOSPHERIC EFFECTS
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GS DIAPHRAGMS (MECHANICS)
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EXTARS
RT EMISSION SPECTRA
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GS ENGINES
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RT AUTOMOBILE ENGINES
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UF STORE RELEASE
RT NACELLES
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GS TANKS (CONTAINERS)
EXTERNAL TANKS
RT FUEL TANKS
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WING TANKS

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UF BLOWN FLAPS
EBF
GS AIRFOILS
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EXTERNALLY BLOWN FLAPS
UPPER SURFACE BLOWN FLAPS
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FLAPS (CONTROL SURFACES)
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UF FLAME QUENCHING
RT BURNOUT
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OCCULTATION
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GS EXTRACTION
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ION EXTRACTION
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ELUTION
FILTRATION
FURNACES
HYDROLYSIS
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MATERIAL ABSORPTION
MATERIALS RECOVERY
MELTING
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REFINING
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SOLVENTS
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USE EXTRATERRESTRIAL RADIATION
LIGHT (VISIBLE RADIATION)

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USE INTERGALACTIC MEDIA

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.. RADIO SOURCES (ASTRONOMY)
.. **EXTRAGALACTIC RADIO SOURCES**
.. .. RADIO GALAXIES
RT BL LACERTAE OBJECTS
EXTRATERRESTRIAL RADIATION
EXTRATERRESTRIAL RADIO WAVES
QUASARS
RADIATION SOURCES
RADIO ASTRONOMY
RADIO EMISSION
∞ SOURCES

EXTRAPOLATION

RT FINITE DIFFERENCE THEORY
FORECASTING
INTERPOLATION
PERIODIC VARIATIONS
QUALITY CONTROL
STATISTICAL ANALYSIS
∞ TESTS
TIME SERIES ANALYSIS
TRENDS

EXTRASENSORY PERCEPTION

UF PARAPSYCHOLOGY
GS PERCEPTION
.. SENSORY PERCEPTION
.. **EXTRASENSORY PERCEPTION**

EXTRASOLAR PLANETS

GS CELESTIAL BODIES
.. PLANETS
.. **EXTRASOLAR PLANETS**
RT GAS GIANT PLANETS

EXTRATERRESTRIAL COMMUNICATION

GS TELECOMMUNICATION
.. SPACE COMMUNICATION
.. **EXTRATERRESTRIAL COMMUNICATION**
RT INFORMATION DISSEMINATION
INTERPLANETARY COMMUNICATION
RADIO TELEMETRY

EXTRATERRESTRIAL ENVIRONMENTS

GS ENVIRONMENTS
.. **EXTRATERRESTRIAL ENVIRONMENTS**
.. .. CISELUNAR SPACE
.. .. DEEP SPACE
.. .. INTERPLANETARY SPACE
.. .. INTERSTELLAR SPACE
.. .. LUNAR ENVIRONMENT
.. .. LUNAR ATMOSPHERES
.. .. PLANETARY ENVIRONMENTS
.. .. MARS ENVIRONMENT
.. .. MARS ATMOSPHERE
.. .. PLANETARY ATMOSPHERES
.. .. HELIUM HYDROGEN ATMOSPHERES
.. .. JUPITER ATMOSPHERE
.. .. MARS ATMOSPHERE
.. .. NEPTUNE ATMOSPHERE
.. .. SATURN ATMOSPHERE
.. .. URANUS ATMOSPHERE
.. .. VENUS ATMOSPHERE
.. .. SATELLITE ATMOSPHERES
.. .. LUNAR ATMOSPHERES
.. .. STELLAR ATMOSPHERES
.. .. CHROMOSPHERE
.. .. SOLAR ATMOSPHERE
RT AEROSPACE ENVIRONMENTS
HIGH GRAVITY ENVIRONMENTS
LONG DURATION SPACE FLIGHT
SPACE EXPLORATION
SPACECRAFT ENVIRONMENTS
VENUS SURFACE

EXTRATERRESTRIAL INTELLIGENCE

GS INTELLIGENCE
.. **EXTRATERRESTRIAL INTELLIGENCE**
RT INTERSTELLAR COMMUNICATION
INTERSTELLAR TRAVEL
PROJECT SETI
SPACE COMMUNICATION
UNIDENTIFIED FLYING OBJECTS

EXTRATERRESTRIAL LIFE

GS LIFE SCIENCES
.. **EXTRATERRESTRIAL LIFE**
RT AEROSPACE ENVIRONMENTS
BIOSATELLITES
EXOBIOLGY
GULLIVER PROGRAM
LIFE DETECTORS
PANSPERMIA

EXTRATERRESTRIAL MATTER

GS **EXTRATERRESTRIAL MATTER**
.. COSMIC GASES
.. INTERPLANETARY GAS
.. INTERSTELLAR GAS
.. NEUTRAL GASES
.. COSMIC PLASMA
RT COSMOCHEMISTRY
MATTER (PHYSICS)
VENUS FLY TRAP ROCKET VEHICLE

EXTRATERRESTRIAL RADIATION

UF EXTRAGALACTIC LIGHT
SPACE RADIATION
STELLAR DOPPLER SHIFT
GS **EXTRATERRESTRIAL RADIATION**
.. EXTRATERRESTRIAL RADIO WAVES
.. GALACTIC RADIO WAVES
.. .. NORTH POLAR SPUR (ASTRONOMY)
.. .. RADIO BURSTS
.. .. SOLAR RADIO BURSTS
.. .. TYPE 2 BURSTS
.. .. TYPE 3 BURSTS
.. .. TYPE 4 BURSTS
.. .. TYPE 5 BURSTS
.. .. SOLAR RADIO EMISSION
.. .. SOLAR RADIO BURSTS
.. .. TYPE 2 BURSTS
.. .. TYPE 3 BURSTS
.. .. TYPE 4 BURSTS
.. .. TYPE 5 BURSTS
.. GALACTIC RADIATION
.. GALACTIC RADIO WAVES
.. .. NORTH POLAR SPUR (ASTRONOMY)
.. GAMMA RAY BURSTS
.. GEGENSCHEIN
.. INTERSTELLAR RADIATION
.. LUNAR RADIATION
.. PLANETARY RADIATION
.. PRIMARY COSMIC RAYS
.. SOLAR COSMIC RAYS
.. SOLAR RADIATION
.. CIRCUMSOLAR RADIATION
.. SOLAR CORPUSCULAR RADIATION
.. .. SOLAR ELECTRONS
.. .. SOLAR NEUTRINOS
.. .. SOLAR PROTONS
.. .. SOLAR COSMIC RAYS
.. .. SOLAR RADIO EMISSION
.. .. SOLAR RADIO BURSTS
.. .. TYPE 2 BURSTS
.. .. TYPE 3 BURSTS
.. .. TYPE 4 BURSTS
.. .. TYPE 5 BURSTS
.. .. SOLAR WIND
.. .. SOLAR X-RAYS
.. .. SUNLIGHT
.. .. STELLAR RADIATION
.. .. STELLAR WINDS
.. .. ZODIACAL LIGHT
RT AEROSPACE ENVIRONMENTS
∞ AEROSPACE SCIENCES
ATMOSPHERIC RADIATION
BACKGROUND RADIATION
CORPUSCULAR RADIATION
COSMIC RAYS
COSMIC X RAYS
ELECTROMAGNETIC NOISE
ELECTROMAGNETIC RADIATION
ELECTRON ACCELERATION
EXTRAGALACTIC RADIO SOURCES
LIGHT (VISIBLE RADIATION)
LYMAN ALPHA RADIATION
LYMAN BETA RADIATION
MICROWAVE EMISSION
POLARIZED ELECTROMAGNETIC RADIATION
POLARIZED RADIATION
∞ RADIATION
RADIATION BELTS
RADIATIVE TRANSFER
RADIO WAVES
∞ RAYS
RELIC RADIATION
SYNCHROTRON RADIATION

EXTRATERRESTRIAL RADIATION-(CONT.)

SYSTEM GENERATED
ELECTROMAGNETIC PULSES
TERRESTRIAL RADIATION
X RAYS

EXTRATERRESTRIAL RADIO WAVES

UF COSMIC RADIO WAVES
GS ELECTROMAGNETIC RADIATION
.. RADIO WAVES
.. **EXTRATERRESTRIAL RADIO WAVES**
.. .. GALACTIC RADIO WAVES
.. .. RADIO BURSTS
.. .. SOLAR RADIO BURSTS
.. .. TYPE 2 BURSTS
.. .. TYPE 3 BURSTS
.. .. TYPE 4 BURSTS
.. .. TYPE 5 BURSTS
.. .. SOLAR RADIO EMISSION
.. .. SOLAR RADIO BURSTS
.. .. TYPE 2 BURSTS
.. .. TYPE 3 BURSTS
.. .. TYPE 4 BURSTS
.. .. TYPE 5 BURSTS
EXTRATERRESTRIAL RADIATION
.. **EXTRATERRESTRIAL RADIO WAVES**
.. .. GALACTIC RADIO WAVES
.. .. NORTH POLAR SPUR (ASTRONOMY)
.. .. RADIO BURSTS
.. .. SOLAR RADIO BURSTS
.. .. TYPE 2 BURSTS
.. .. TYPE 3 BURSTS
.. .. TYPE 4 BURSTS
.. .. TYPE 5 BURSTS
.. .. SOLAR RADIO EMISSION
.. .. SOLAR RADIO BURSTS
.. .. TYPE 2 BURSTS
.. .. TYPE 3 BURSTS
.. .. TYPE 4 BURSTS
.. .. TYPE 5 BURSTS
RT CENTIMETER WAVES
EXTRAGALACTIC RADIO SOURCES
MICROWAVE EMISSION
MICROWAVES
MILLIMETER WAVES
RADIO ASTRONOMY
RADIO EMISSION
RADIO FREQUENCY INTERFERENCE
RADIO SOURCES (ASTRONOMY)

EXTRATERRESTRIAL RESOURCES

GS RESOURCES
.. **EXTRATERRESTRIAL RESOURCES**
RT LUNAR EXPLORATION
PLANETARY BASES
SPACE EXPLORATION
SPACE LOGISTICS

EXTRATERRESTRIAL ROVING VEHICLES

USE ROVING VEHICLES

EXTRAVEHICULAR ACTIVITY

SN (ACTIVITY OUTSIDE THE SPACECRAFT)
RT ∞ ACTIVITY
.. AEPS
.. AEROSPACE ENVIRONMENTS
.. APOLLO EXTENSION SYSTEM
.. ASTRONAUT LOCOMOTION
.. ASTRONAUT MANEUVERING EQUIPMENT
.. IMLSS
.. INTRAHEHICULAR ACTIVITY
.. MAN OPERATED PROPULSION SYSTEMS
.. MANNED SPACE FLIGHT
.. ORBITAL WORKERS
.. SELF MANEUVERING UNITS
.. SPACE FLIGHT
.. SPACE MAINTENANCE
.. SPACE SHUTTLE PAYLOADS
.. UMBILICAL CONNECTORS
.. WEIGHTLESSNESS

EXTRAVEHICULAR MOBILITY UNITS

GS **EXTRAVEHICULAR MOBILITY UNITS**
.. ASTRONAUT LOCOMOTION
.. ASTRONAUT MANEUVERING EQUIPMENT
RT IMLSS
SELF MANEUVERING UNITS

EXTREMA

USE RANGE (EXTREMES)

EXTREME ULTRAVIOLET EXPLORER SATELLITE

UF EUVE
GS SATELLITES

EXTREME ULTRAVIOLET RADIATION

EXTREME ULTRAVIOLET EXPLORER-(CONT.)

.. ARTIFICIAL SATELLITES
 .. EXPLORER SATELLITES
 ... **EXTREME ULTRAVIOLET EXPLORER SATELLITE**
 .. EARTH SATELLITES
 .. EXPLORER SATELLITES
 ... **EXTREME ULTRAVIOLET EXPLORER SATELLITE**
 RT IUE
 ULTRAVIOLET ASTRONOMY

EXTREME ULTRAVIOLET RADIATION

GS ELECTROMAGNETIC RADIATION
 .. ULTRAVIOLET RADIATION
 .. **EXTREME ULTRAVIOLET RADIATION**
 IONIZING RADIATION
 .. ULTRAVIOLET RADIATION
 RT **EXTREME ULTRAVIOLET RADIATION**
 BEAMS (RADIATION)
 SOLAR RADIATION

EXTREMELY HIGH FREQUENCIES

SN (30 TO 300 GHZ)
 UF K BAND
 KA BAND
 V BAND
 GS FREQUENCIES
 .. RADIO FREQUENCIES
 .. MICROWAVE FREQUENCIES
 ... **EXTREMELY HIGH FREQUENCIES**
 RT MILLIMETER WAVES

EXTREMELY LOW FREQUENCIES

GS FREQUENCIES
 .. **EXTREMELY LOW FREQUENCIES**
 RT LOW FREQUENCIES
 RADIO FREQUENCIES
 SEAFARER PROJECT

EXTREMELY LOW RADIO FREQUENCIES

SN (BELOW 300 H)
 UF ULTRALOW FREQUENCIES
 GS FREQUENCIES
 .. RADIO FREQUENCIES
 .. **EXTREMELY LOW RADIO FREQUENCIES**
 RT AUDIO FREQUENCIES

EXTREMUM VALUES

GS ANALYSIS (MATHEMATICS)
 .. REAL VARIABLES
 .. **EXTREMUM VALUES**
 .. LIMITS (MATHEMATICS)
 .. MAXIMA
 .. MINIMA
 RT EULER-LAGRANGE EQUATION
 FUNCTIONS (MATHEMATICS)
 OPTIMIZATION
 PEAKS
 PROBABILITY THEORY

EXTROVERSION

RT BEHAVIOR
 HUMAN BEHAVIOR
 PSYCHOLOGY

EXTRUDING

UF HOT EXTRUDING
 GS FORMING TECHNIQUES
 .. **EXTRUDING**
 .. PULTRUSION
 RT CASTING
 CLADDING
 COLD WORKING
 DIES
 DRAWING
 EXPLOSIVE FORMING
 INJECTION MOLDING
 INTRUSION
 METAL SPINNING
 METAL WORKING
 PIERCING
 PRESSING (FORMING)
 WET SPINNING

EYE (ANATOMY)

GS ANATOMY
 .. SENSE ORGANS
 .. **EYE (ANATOMY)**
 .. CHOROID MEMBRANES
 .. CONJUNCTIVA
 .. CORNEA
 .. OCULOMOTOR NERVES
 .. PUPILS

EYE (ANATOMY)-(CONT.)

... RETINA
 ... FOVEA
 RT ACCOMMODATION
 COLOR VISION
 FACE (ANATOMY)
 HEAD (ANATOMY)
 LENSES
 MIOSIS
 OPHTHALMODYNAMOMETRY
 OPHTHALMOLOGY
 OPTOMETRY
 VESTIBULAR NYSTAGMUS
 VISION

EYE DISEASES

GS DISEASES
 .. **EYE DISEASES**
 .. ASTHENOPIA
 .. ASTIGMATISM
 .. CATARACTS
 .. CONJUNCTIVITIS
 .. GLAUCOMA
 .. KERATITIS
 .. PHORIA
 RT BLINDNESS
 OPHTHALMOLOGY

EYE DOMINANCE

GS DOMINANCE
 .. **EYE DOMINANCE**
 RT VISION

EYE EXAMINATIONS

GS EXAMINATION
 .. **EYE EXAMINATIONS**
 RT HAPLOSOPES

EYE MOVEMENTS

GS **EYE MOVEMENTS**
 .. ELECTRONYSTAGMOGRAPHY
 .. NYSTAGMUS
 .. SACCADIC EYE MOVEMENTS
 RT OCULOMETERS
 RAPID EYE MOVEMENT STATE

EYE PROTECTION

GS PROTECTION
 .. **EYE PROTECTION**
 RT FLASH BLINDNESS
 GOGGLES
 SUNGLASSES
 VISORS

EYEPIECES

GS OPTICAL EQUIPMENT
 .. **EYEPIECES**
 RT BINOCULARS
 CONTACT LENSES
 LENSES
 MICROSCOPES
 PERISCOPES
 RETICLES
 SUNGLASSES
 TELESCOPES

EYRING THEORY

GS KINETIC THEORY
 .. TRANSPORT THEORY
 .. **EYRING THEORY**
 RT EQUILIBRIUM FLOW
 FLUID DYNAMICS
 THEORIES

F

F CENTERS

USE COLOR CENTERS

F DISPLAYS

USE F REGION

F LAYER

USE F REGION

F REGION

UF F DISPLAYS
 F LAYER
 NIGHT F LAYER
 GS EARTH ATMOSPHERE
 .. UPPER ATMOSPHERE

NASA THESAURUS (VOLUME 1)

F REGION-(CONT.)

.. IONOSPHERE
 .. UPPER IONOSPHERE
 ... **F REGION**
 ... F 1 REGION
 ... F 2 REGION
 REGIONS
 .. F REGION

F 1 REGION

GS EARTH ATMOSPHERE
 .. UPPER ATMOSPHERE
 .. IONOSPHERE
 .. UPPER IONOSPHERE
 ... F REGION
 ... F 1 REGION

F 2 REGION

GS EARTH ATMOSPHERE
 .. UPPER ATMOSPHERE
 .. IONOSPHERE
 .. UPPER IONOSPHERE
 ... F REGION
 ... **F 2 REGION**
 RT SPREAD F
 TRANSEQUATORIAL PROPAGATION

F-1 ROCKET ENGINE

GS ENGINES
 .. ROCKET ENGINES
 .. LIQUID PROPELLANT ROCKET ENGINES
 ... **F-1 ROCKET ENGINE**
 RT BOOSTER ROCKET ENGINES
 NOVA LAUNCH VEHICLES
 SATURN LAUNCH VEHICLES

F-2 AIRCRAFT

UF HAWKER HUNTER AIRCRAFT
 HUNTER F-2 AIRCRAFT
 GS ATTACK AIRCRAFT
 .. FIGHTER AIRCRAFT
 .. **F-2 AIRCRAFT**
 HAWKER SIDDELEY AIRCRAFT
 .. **F-2 AIRCRAFT**
 JET AIRCRAFT
 .. **F-2 AIRCRAFT**
 MONOPLANES
 .. **F-2 AIRCRAFT**

F-4 AIRCRAFT

UF F-110 AIRCRAFT
 F4H AIRCRAFT
 GS ATTACK AIRCRAFT
 .. FIGHTER AIRCRAFT
 .. **F-4 AIRCRAFT**
 JET AIRCRAFT
 .. PHANTOM AIRCRAFT
 .. **F-4 AIRCRAFT**
 MCDONNELL DOUGLAS AIRCRAFT
 .. MCDONNELL AIRCRAFT
 .. PHANTOM AIRCRAFT
 ... **F-4 AIRCRAFT**
 SUPERSONIC AIRCRAFT
 .. PHANTOM AIRCRAFT
 .. **F-4 AIRCRAFT**
 RT J-79 ENGINE
 RF-4 AIRCRAFT

F-5 AIRCRAFT

UF FREEDOM FIGHTER AIRCRAFT
 N-156 AIRCRAFT
 GS ATTACK AIRCRAFT
 .. FIGHTER AIRCRAFT
 .. **F-5 AIRCRAFT**
 COIN AIRCRAFT
 .. **F-5 AIRCRAFT**
 JET AIRCRAFT
 .. **F-5 AIRCRAFT**
 MONOPLANES
 .. **F-5 AIRCRAFT**
 NORTHROP AIRCRAFT
 .. **F-5 AIRCRAFT**
 OBSERVATION AIRCRAFT
 .. **F-5 AIRCRAFT**
 RECONNAISSANCE AIRCRAFT
 .. **F-5 AIRCRAFT**
 SUPERSONIC AIRCRAFT
 .. **F-5 AIRCRAFT**

F-8 AIRCRAFT

UF CRUSADER AIRCRAFT
 F8U AIRCRAFT
 RF-8 AIRCRAFT
 GS ATTACK AIRCRAFT

F-8 AIRCRAFT-(CONT.)

. FIGHTER AIRCRAFT
 . F-8 AIRCRAFT
 JET AIRCRAFT
 . F-8 AIRCRAFT
 LING-TEMCO-VOUGHT AIRCRAFT
 . F-8 AIRCRAFT
 MONOPLANES
 . F-8 AIRCRAFT
 SUPERSONIC AIRCRAFT
 . F-8 AIRCRAFT

F-9 AIRCRAFT

UF COUGAR AIRCRAFT
 F9F AIRCRAFT
 PANTHER AIRCRAFT
 GS ATTACK AIRCRAFT
 . FIGHTER AIRCRAFT
 . F-9 AIRCRAFT
 GRUMMAN AIRCRAFT
 . F-9 AIRCRAFT
 JET AIRCRAFT
 . F-9 AIRCRAFT
 MONOPLANES
 . F-9 AIRCRAFT

F-14 AIRCRAFT

GS ATTACK AIRCRAFT
 . FIGHTER AIRCRAFT
 . F-14 AIRCRAFT
 GRUMMAN AIRCRAFT
 . F-14 AIRCRAFT
 JET AIRCRAFT
 . F-14 AIRCRAFT
 SUPERSONIC AIRCRAFT
 . F-14 AIRCRAFT

F-15 AIRCRAFT

GS ATTACK AIRCRAFT
 . FIGHTER AIRCRAFT
 . F-15 AIRCRAFT
 JET AIRCRAFT
 . F-15 AIRCRAFT
 SUPERSONIC AIRCRAFT
 . F-15 AIRCRAFT

F-16 AIRCRAFT

GS ATTACK AIRCRAFT
 . FIGHTER AIRCRAFT
 . F-16 AIRCRAFT
 JET AIRCRAFT
 . F-16 AIRCRAFT
 SUPERSONIC AIRCRAFT
 . F-16 AIRCRAFT

F-17 AIRCRAFT

UF YF-17 AIRCRAFT
 GS ATTACK AIRCRAFT
 . FIGHTER AIRCRAFT
 . F-17 AIRCRAFT
 JET AIRCRAFT
 . F-17 AIRCRAFT
 MONOPLANES
 . F-17 AIRCRAFT
 SUPERSONIC AIRCRAFT
 . F-17 AIRCRAFT
 RT F-18 AIRCRAFT

F-18 AIRCRAFT

GS ATTACK AIRCRAFT
 . FIGHTER AIRCRAFT
 . F-18 AIRCRAFT
 JET AIRCRAFT
 . F-18 AIRCRAFT
 MCDONNELL DOUGLAS AIRCRAFT
 . F-18 AIRCRAFT
 NORTHROP AIRCRAFT
 . F-18 AIRCRAFT
 RT F-17 AIRCRAFT

F-27 AIRCRAFT

UF FOKKER F 27 AIRCRAFT
 FOKKER FRIENDSHIP AIRCRAFT
 GS ATTACK AIRCRAFT
 . FIGHTER AIRCRAFT
 . F-27 AIRCRAFT
 FOKKER AIRCRAFT
 . F-27 AIRCRAFT
 JET AIRCRAFT
 . TURBOPROP AIRCRAFT
 . F-27 AIRCRAFT
 MONOPLANES
 . F-27 AIRCRAFT
 PASSENGER AIRCRAFT
 . F-27 AIRCRAFT

F-27 AIRCRAFT-(CONT.)

TRANSPORT AIRCRAFT
 . CARGO AIRCRAFT
 . F-27 AIRCRAFT

F-28 HELICOPTER

GS ENSTROM AIRCRAFT
 . F-28 HELICOPTER
 LIGHT AIRCRAFT
 . F-28 HELICOPTER
 PASSENGER AIRCRAFT
 . F-28 HELICOPTER
 V/STOL AIRCRAFT
 . ROTARY WING AIRCRAFT
 . . . HELICOPTERS
 . . . RIGID ROTOR HELICOPTERS
 . . . F-28 HELICOPTER

F-28 TRANSPORT AIRCRAFT

UF FELLOWSHIP AIRCRAFT
 FOKKER F 28 AIRCRAFT
 GS COMMERCIAL AIRCRAFT
 . F-28 TRANSPORT AIRCRAFT
 FOKKER AIRCRAFT
 . F-28 TRANSPORT AIRCRAFT
 JET AIRCRAFT
 . TURBOFAN AIRCRAFT
 . F-28 TRANSPORT AIRCRAFT
 MONOPLANES
 . F-28 TRANSPORT AIRCRAFT
 PASSENGER AIRCRAFT
 . F-28 TRANSPORT AIRCRAFT
 TRANSPORT AIRCRAFT
 . F-28 TRANSPORT AIRCRAFT

F-80 AIRCRAFT

USE T-33 AIRCRAFT

F-84 AIRCRAFT

GS ATTACK AIRCRAFT
 . FIGHTER AIRCRAFT
 . F-84 AIRCRAFT
 JET AIRCRAFT
 . F-84 AIRCRAFT
 MONOPLANES
 . F-84 AIRCRAFT
 REPUBLIC AIRCRAFT
 . F-84 AIRCRAFT

F-86 AIRCRAFT

UF SABRE AIRCRAFT
 GS ATTACK AIRCRAFT
 . FIGHTER AIRCRAFT
 . F-86 AIRCRAFT
 JET AIRCRAFT
 . F-86 AIRCRAFT
 MONOPLANES
 . F-86 AIRCRAFT
 NORTH AMERICAN AIRCRAFT
 . F-86 AIRCRAFT

F-89 AIRCRAFT

GS ATTACK AIRCRAFT
 . FIGHTER AIRCRAFT
 . F-89 AIRCRAFT
 JET AIRCRAFT
 . F-89 AIRCRAFT
 MONOPLANES
 . F-89 AIRCRAFT
 NORTHROP AIRCRAFT
 . F-89 AIRCRAFT

F-94 AIRCRAFT

GS ATTACK AIRCRAFT
 . FIGHTER AIRCRAFT
 . F-94 AIRCRAFT
 JET AIRCRAFT
 . F-94 AIRCRAFT
 LOCKHEED AIRCRAFT
 . F-94 AIRCRAFT
 MONOPLANES
 . F-94 AIRCRAFT

F-100 AIRCRAFT

UF SUPER SABRE AIRCRAFT
 GS ATTACK AIRCRAFT
 . BOMBER AIRCRAFT
 . F-100 AIRCRAFT
 . FIGHTER AIRCRAFT
 . F-100 AIRCRAFT
 JET AIRCRAFT
 . F-100 AIRCRAFT
 MONOPLANES
 . F-100 AIRCRAFT
 NORTH AMERICAN AIRCRAFT

F-100 AIRCRAFT-(CONT.)

. F-100 AIRCRAFT
 SUPERSONIC AIRCRAFT
 . F-100 AIRCRAFT

F-101 AIRCRAFT

UF JF 101 AIRCRAFT
 VOODOO AIRCRAFT
 GS ATTACK AIRCRAFT
 . FIGHTER AIRCRAFT
 . F-101 AIRCRAFT
 JET AIRCRAFT
 . F-101 AIRCRAFT
 MCDONNELL DOUGLAS AIRCRAFT
 . MCDONNELL AIRCRAFT
 . F-101 AIRCRAFT
 SUPERSONIC AIRCRAFT
 . F-101 AIRCRAFT

F-102 AIRCRAFT

UF DELTA DAGGER AIRCRAFT
 YF-102 AIRCRAFT
 GS ATTACK AIRCRAFT
 . FIGHTER AIRCRAFT
 . F-102 AIRCRAFT
 GENERAL DYNAMICS AIRCRAFT
 . F-102 AIRCRAFT
 JET AIRCRAFT
 . F-102 AIRCRAFT
 MONOPLANES
 . F-102 AIRCRAFT
 SUPERSONIC AIRCRAFT
 . F-102 AIRCRAFT
 TAILLESS AIRCRAFT
 . F-102 AIRCRAFT

F-104 AIRCRAFT

UF CANADAIR CF-104 AIRCRAFT
 CF-104 AIRCRAFT
 STARFIGHTER AIRCRAFT
 GS ATTACK AIRCRAFT
 . FIGHTER AIRCRAFT
 . F-104 AIRCRAFT
 JET AIRCRAFT
 . F-104 AIRCRAFT
 LOCKHEED AIRCRAFT
 . F-104 AIRCRAFT
 MONOPLANES
 . F-104 AIRCRAFT
 SUPERSONIC AIRCRAFT
 . F-104 AIRCRAFT

F-105 AIRCRAFT

UF THUNDERCHIEF AIRCRAFT
 GS ATTACK AIRCRAFT
 . FIGHTER AIRCRAFT
 . F-105 AIRCRAFT
 JET AIRCRAFT
 . F-105 AIRCRAFT
 MONOPLANES
 . F-105 AIRCRAFT
 REPUBLIC AIRCRAFT
 . F-105 AIRCRAFT

F-106 AIRCRAFT

UF DELTA DART AIRCRAFT
 GS ATTACK AIRCRAFT
 . FIGHTER AIRCRAFT
 . F-106 AIRCRAFT
 GENERAL DYNAMICS AIRCRAFT
 . F-106 AIRCRAFT
 JET AIRCRAFT
 . F-106 AIRCRAFT
 MONOPLANES
 . F-106 AIRCRAFT
 SUPERSONIC AIRCRAFT
 . F-106 AIRCRAFT
 TAILLESS AIRCRAFT
 . F-106 AIRCRAFT

F-110 AIRCRAFT

USE F-4 AIRCRAFT

F-111 AIRCRAFT

UF LASV
 GS TFX AIRCRAFT
 ATTACK AIRCRAFT
 . FIGHTER AIRCRAFT
 . F-111 AIRCRAFT
 GENERAL DYNAMICS AIRCRAFT
 . F-111 AIRCRAFT
 GRUMMAN AIRCRAFT
 . F-111 AIRCRAFT
 JET AIRCRAFT
 . TURBOFAN AIRCRAFT

FAB (PROGRAMMING LANGUAGE)

F-111 AIRCRAFT-(CONT.)

. . F-111 AIRCRAFT
SUPERSONIC AIRCRAFT
. F-111 AIRCRAFT
RT VARIABLE SWEEP WINGS

FAB (PROGRAMMING LANGUAGE)

USE FORTRAN

FABMDS

USE FIELD ARMY BALLISTIC MISSILE
DEFENSE SYS

FABRICATION

GS **FABRICATION**
. SPACE MANUFACTURING
RT ASSEMBLIES
ASSEMBLING
CONSTRUCTION
LOW GRAVITY MANUFACTURING
MANUFACTURING
PRODUCTION MANAGEMENT

FABRICS

UF CLOTH
GS **FABRICS**
. CREPE
. DACRON (TRADEMARK)
. FELTS
. FORTISAN (TRADEMARK)
. GAUZE
. LINEN
. PARACHUTE FABRICS
. SILK
. WOOL
RT CLOTHING
COATINGS
COTTON
FIBERS
∞ FILMS
FLAME RETARDANTS
GEOTECHNICAL FABRICS
GORES
INTERLAYERS
LAMINATES
MESH
MICARTA
MULTILAYER INSULATION
REINFORCING MATERIALS
RIBBONS
∞ SHEETS
SOCKS
TEXTILES
WEAVING
WEBBING
WEBS (SHEETS)
WIRE CLOTH

FABRY-PEROT INTERFEROMETERS

GS MEASURING INSTRUMENTS
. INTERFEROMETERS
. **FABRY-PEROT INTERFEROMETERS**
RT MICROWAVE INTERFEROMETERS
PLASMA DIAGNOSTICS

FABRY-PEROT LASERS

USE LASERS

FABRY-PEROT SPECTROMETERS

GS MEASURING INSTRUMENTS
. RADIATION MEASURING INSTRUMENTS
. **FABRY-PEROT SPECTROMETERS**
. SPECTROMETERS
. **FABRY-PEROT SPECTROMETERS**
RT ACTINOMETERS
AIRGLOW
AURORAL SPECTROSCOPY
OPTICAL EQUIPMENT
OPTICAL MEASURING INSTRUMENTS

FACE (ANATOMY)

GS **FACE (ANATOMY)**
. CHIN
. FOREHEAD
. NOSE (ANATOMY)
RT EYE (ANATOMY)
HEAD (ANATOMY)
LIPS (ANATOMY)

FACE CENTERED CUBIC LATTICES

UF FCC LATTICES
GS CRYSTAL LATTICES
. CUBIC LATTICES
. **FACE CENTERED CUBIC LATTICES**

FACE CENTERED CUBIC LATTICES-(CONT.)

RT BODY CENTERED CUBIC LATTICES
CLOSE PACKED LATTICES
CRYSTALS

FACETS

USE FLAT SURFACES

∞ FACILITIES

SN *(USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)*
RT AIRPORTS
ELECTRIC POWER PLANTS
GROUND HANDLING
INDUSTRIAL AREAS
INDUSTRIAL PLANTS
LAND USE
LAUNCHING BASES
LOGISTICS
LOGISTICS MANAGEMENT
MOBILE QUARANTINE FACILITY
RESEARCH FACILITIES
ROADS
SITE SELECTION
SITES
SOLAR CELL CALIBRATION FACILITY
STATIONS
TERMINAL FACILITIES
TEST FACILITIES
X RAY ASTROPHYSICS FACILITY

FACSIMILE COMMUNICATION

UF FACSIMILE TRANSMISSION
GS TELECOMMUNICATION
. COMMUNICATION
. **FACSIMILE COMMUNICATION**
RT INTERPLANETARY COMMUNICATION
LUNAR COMMUNICATION
SPACECRAFT COMMUNICATION
TELETYPEWRITER SYSTEMS
TELEVISION SYSTEMS
TRANSOCEANIC COMMUNICATION
WIRELESS COMMUNICATION

FACSIMILE TRANSMISSION

USE FACSIMILE COMMUNICATION

FACTOR ANALYSIS

GS STATISTICAL ANALYSIS
. **FACTOR ANALYSIS**
RT AUTOREGRESSIVE PROCESSES
CORRELATION
COVARIANCE
DEGREES OF FREEDOM
EXPERIMENTAL DESIGN
FACTORIZATION
MATRICES (MATHEMATICS)
ORTHOGONALITY
REGRESSION ANALYSIS
STATISTICAL TESTS
VARIABILITY
VARIANCE (STATISTICS)

FACTORIAL DESIGN

GS EXPERIMENTAL DESIGN
. **FACTORIAL DESIGN**
RT ∞ DESIGN
MATHEMATICAL MODELS
STATISTICAL ANALYSIS

FACTORIALS

GS ANALYSIS (MATHEMATICS)
. COMBINATORIAL ANALYSIS
. **FACTORIALS**
RT BINOMIAL COEFFICIENTS
GAMMA FUNCTION

FACTORIES

USE INDUSTRIAL PLANTS

FACTORIZATION

RT ALGORITHMS
FACTOR ANALYSIS
FINITE ELEMENT METHOD
REAL VARIABLES

FACTORS

USE VARIABLE

FACULAE

UF PLAGES (FACULAE)
GS SOLAR FACULAE
SOLAR ACTIVITY

NASA THESAURUS (VOLUME 1)

FACULAE-(CONT.)

. **FACULAE**
RT ∞ ACTIVITY
CHROMOSPHERE
PHOTOSPHERE
STARSPOTS
SUNSPOTS

FADDEEV EQUATIONS

RT ∞ EQUATIONS
PARTICLE COLLISIONS
SCATTERING AMPLITUDE
WAVE SCATTERING

FADING

GS **FADING**
. SIGNAL FADING
. . SELECTIVE FADING
RT ATTENUATION
BLEACHING
COLOR
DISCOLORATION
ELECTROMAGNETIC ABSORPTION
EXTINCTION
RECEPTION DIVERSITY
SIGNAL FADING RATE
WAVE DISPERSION

FAHRENHEIT TEMPERATURE SCALE

USE TEMPERATURE SCALES

FAIL-SAFE SYSTEMS

RT ∞ AUTOMATION
EMERGENCIES
FAULT TOLERANCE
SAFETY DEVICES
SAFETY MANAGEMENT
∞ SYSTEMS

FAILURE

GS **FAILURE**
. BURNTHROUGH (FAILURE)
. ENGINE FAILURE
. STRUCTURAL FAILURE
. SYSTEM FAILURES
RT ABORTED MISSIONS
∞ BREAKDOWN
BUCKLING
COLLAPSE
CORROSION
CRACKING (FRACTURING)
CUMULATIVE DAMAGE
DEFORMATION
DESTRUCTION
DETERIORATION
DISTORTION
DOWNTIME
ELECTRICAL FAULTS
FAILURE ANALYSIS
FATIGUE (MATERIALS)
FLASHOVER
FRACTURES (MATERIALS)
MALFUNCTIONS
MILLS RATIO
RUPTURING
SHEARING
SHORT CIRCUITS
STRUCTURAL STRAIN
TEMPERATURE INVERSIONS
WEAR

FAILURE ANALYSIS

RT ACOUSTIC EMISSION
∞ ANALYZING
FATIGUE LIFE
FAULT TOLERANCE
LIFE (DURABILITY)
MILLS RATIO
MTBF
PROBABILITY DENSITY FUNCTIONS
RELIABILITY
STATISTICAL ANALYSIS

FAILURE MODES

GS **MODES**
. **FAILURE MODES**
RT BUCKLING
CRACKS
ELASTIC BUCKLING
∞ MODE (STATISTICS)
MTBF
SHEARING

FAINT OBJECT CAMERA

- GS OPTICAL EQUIPMENT
 - . CAMERAS
 - . . . **FAINT OBJECT CAMERA**
 - PHOTOGRAPHIC EQUIPMENT
 - . CAMERAS
 - . . . **FAINT OBJECT CAMERA**
- RT ASTRONOMICAL PHOTOGRAPHY
 - INFRARED PHOTOGRAPHY
 - LARGE SPACE TELESCOPE
 - OPTICAL MEASURING INSTRUMENTS
 - SPACEBORNE ASTRONOMY
 - SPACEBORNE TELESCOPES
 - ULTRAVIOLET PHOTOGRAPHY

FAINTING

- USE SYNCOPE

FAIRCHILD CCD-450 MEMORY DEVICE

- UF CCD-450 MEMORY
- GS ELECTRONIC EQUIPMENT
 - . SOLID STATE DEVICES
 - . . . SEMICONDUCTOR DEVICES
 - METAL OXIDE SEMICONDUCTORS
 - CHARGE TRANSFER DEVICES
 - CHARGE COUPLED DEVICES
 - **FAIRCHILD CCD-450 MEMORY DEVICE**
- RT COMPUTER STORAGE DEVICES
 - SHIFT REGISTERS

FAIRCHILD MILITARY AIRCRAFT

- USE FAIRCHILD-HILLER AIRCRAFT
- MILITARY AIRCRAFT

FAIRCHILD-HILLER AIRCRAFT

- UF FAIRCHILD MILITARY AIRCRAFT
- GS **FAIRCHILD-HILLER AIRCRAFT**
 - . C-119 AIRCRAFT
 - . C-123 AIRCRAFT
 - . HILLER 1098 CONVERTAPLANE
 - . HILLER 1123 HELICOPTER
 - . OH-5 HELICOPTER
 - . OH-23 HELICOPTER
 - . XC-142 AIRCRAFT
- RT ∞ AIRCRAFT

FAIREY AIRCRAFT

- GS **FAIREY AIRCRAFT**
 - . FD 2 AIRCRAFT
- RT ∞ AIRCRAFT

FAIREY DELTA 2 AIRCRAFT

- USE FD 2 AIRCRAFT

FAIRINGS

- GS SYMMETRICAL BODIES
 - . STREAMLINED BODIES
 - . . . **FAIRINGS**
- RT AERODYNAMIC CONFIGURATIONS
 - AIRCRAFT STRUCTURES
 - CANOPIES
 - COWLINGS
 - FILLETS
 - HOUSINGS
 - LANDING GEAR
 - NACELLES
 - OGIVES
 - PERFORATED SHELLS
 - PROTECTOR
 - PROTUBERANCES
 - SHEATHS
 - SHELLS (STRUCTURAL FORMS)
 - STREAMLINING
 - WING ROOTS

FAITH 7

- GS MANNED SPACECRAFT
 - . MERCURY SPACECRAFT
 - . . . **FAITH 7**
 - REENTRY VEHICLES
 - . RECOVERABLE SPACECRAFT
 - . . . MERCURY SPACECRAFT
 - . . . **FAITH 7**
 - SOFT LANDING SPACECRAFT
 - . MERCURY SPACECRAFT
 - . . . **FAITH 7**
 - SPACE CAPSULES
 - . MERCURY SPACECRAFT
 - . . . **FAITH 7**
- RT MERCURY MA-2 FLIGHT
- MERCURY MA-9 FLIGHT

FALCON MISSILE

- GS MISSILES
 - . AIR TO AIR MISSILES
 - . . . **FALCON MISSILE**
 - . . . ANTI-AIRCRAFT MISSILES
 - . . . **FALCON MISSILE**
- RT M-46 ENGINE
- SOLID PROPELLANT ROCKET ENGINES

FALKNER-SKAN EQUATION

- GS ANALYSIS (MATHEMATICS)
 - . REAL VARIABLES
 - . . . DIFFERENTIAL EQUATIONS
 - . . . **FALKNER-SKAN EQUATION**
- RT BLASIUS EQUATION
- BOUNDARY LAYER SEPARATION
- LAMINAR FLOW
- PRANDTL-MEYER EXPANSION
- WEDGE FLOW

FALLING

- RT ATMOSPHERIC ENTRY
- DESCENT TRAJECTORIES
- PARTICLE MOTION
- ∞ PRECIPITATION
- SINKING
- VERTICAL MOTION

FALLING SPHERES

- GS SYMMETRICAL BODIES
 - . BODIES OF REVOLUTION
 - . . . SPHERES
 - . . . **FALLING SPHERES**
- RT BALLS
- DROP TOWERS
- FREE FALL
- GLOBULES
- RAINDROPS
- SPHEROIDS

FALLOUT

- UF WASHOUT (RADIOACTIVITY)
- RT AIR POLLUTION
- FISSION PRODUCTS
- FISSION WEAPONS
- NUCLEAR EXPLOSION EFFECT
- NUCLEAR EXPLOSIONS
- NUCLEAR METEOROLOGY
- POST-BLAST NUCLEAR RADIATION
- ∞ RADIATION
- RADIATION EFFECTS
- RADIATION HAZARDS
- RADIOACTIVE CONTAMINANTS
- ∞ RADIOACTIVE DEBRIS
- RADIOACTIVITY

FAN BLADES

- RT COMPRESSOR BLADES
- DUCTED FANS
- ∞ FANS
- PROPELLER BLADES
- ROTARY WINGS
- TURBINE BLADES
- TURBOMACHINE BLADES
- VENTILATION FANS

FAN IN WING AIRCRAFT

- GS **FAN IN WING AIRCRAFT**
 - . XV-5 AIRCRAFT
- RT ∞ AIRCRAFT
- LIFT FANS
- RESEARCH AIRCRAFT
- SHORT TAKEOFF AIRCRAFT
- TILT WING AIRCRAFT
- V-STOL AIRCRAFT
- VERTICAL TAKEOFF AIRCRAFT

FANLIFT DEVICES

- USE LIFT FANS

∞ FANS

- SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)*
- RT ACTUATOR DISKS
- AIR CONDITIONING EQUIPMENT
- AIR DUCTS
- ANTENNA RADIATION PATTERNS
- BLOWERS
- COMPRESSOR ROTORS
- COMPRESSORS
- DUCTED FANS
- FAN BLADES
- PROPELLER FANS
- TURBOFANS

FANS-(CONT.)

- VENTILATION FANS
- WIND TUNNEL DRIVES

FANS (LANDFORMS)

- UF BAJADAS
- GS LANDFORMS
- . **FANS (LANDFORMS)**
- RT ALLUVIUM
- CANYONS
- CLAYS
- DELTA
- GRAVELS
- MUD
- SANDS
- SEDIMENTS

FAR FIELDS

- UF FRAUNHOFER REGION
- GS ELECTROMAGNETIC FIELDS
- . **FAR FIELDS**
- RT ANTENNA RADIATION PATTERNS
- ELECTROMAGNETIC RADIATION
- FIELD THEORY (PHYSICS)
- FRESNEL REGION
- NEAR FIELDS
- NOISE PROPAGATION
- RADIANT FLUX DENSITY

FAR INFRARED RADIATION

- SN (30 MICRONS TO ABOUT 1000 MICRONS)
- GS ELECTROMAGNETIC RADIATION
- . INFRARED RADIATION
- . . . **FAR INFRARED RADIATION**
- RT LONG WAVE RADIATION
- NEAR INFRARED RADIATION
- RADIO WAVES
- SHORT WAVE RADIATION
- SUBMILLIMETER WAVES
- TERRESTRIAL RADIATION

FAR ULTRAVIOLET RADIATION

- SN (200 TO 2000 ANGSTROMS)
- UF VACUUM ULTRAVIOLET RADIATION
- GS ELECTROMAGNETIC RADIATION
- . ULTRAVIOLET RADIATION
- . . . **FAR ULTRAVIOLET RADIATION**
- . . . LYMAN ALPHA RADIATION
- . . . LYMAN BETA RADIATION
- IONIZING RADIATION
- . ULTRAVIOLET RADIATION
- . . . **FAR ULTRAVIOLET RADIATION**
- . . . LYMAN ALPHA RADIATION
- . . . LYMAN BETA RADIATION
- RT BREMSSTRAHLUNG
- NEAR ULTRAVIOLET RADIATION
- ULTRAVIOLET TELESCOPES
- X RAYS

FARADAY DARK SPACE

- RT GAS DISCHARGE TUBES
- GLOW DISCHARGES

FARADAY EFFECT

- UF FARADAY ROTATION
- GS ELECTROMAGNETIC PROPERTIES
- . **FARADAY EFFECT**
- RT CIRCULATORS (PHASE SHIFT CIRCUITS)
- HALL GENERATORS
- KERR MAGNETOOPTICAL EFFECT
- MAGNETO-OPTICS
- OPTICAL MEASUREMENT
- OPTICAL PROPERTIES
- POLARIZATION (WAVES)
- POLARIZED ELECTROMAGNETIC RADIATION
- ROTATION

FARADAY ROTATION

- USE FARADAY EFFECT

FARM CROPS

- GS **FARM CROPS**
 - . ALFALFA
 - . COFFEE
 - . COTTON
 - . FRUITS
 - . GRAINS (FOOD)
 - . . . BARLEY
 - . . . CORN
 - . . . OATS
 - . . . RICE
 - . . . SORGHUM
 - . . . WHEAT
 - . HAY

FARMLANDS

FARM CROPS-(CONT.)

. LEGUMINOUS PLANTS
 . MILLET
 . POTATOES
 . SPINACH
 . SUGAR BEETS
 . SUGAR CANE
 . SUNFLOWERS
 RT AGRICULTURE
 AGRISTARS PROJECT
 BOTANY
 CROP CALENDARS
 CROP DUSTING
 CROP GROWTH
 CROP INVENTORIES
 CROP VIGOR
 ∞ CROPS
 CURING
 EARTH RESOURCES
 FARMLANDS
 FROST DAMAGE
 GRASSES
 GRASSLANDS
 IRRIGATION
 LARGE AREA CROP INVENTORY
 EXPERIMENT
 LOCUSTS
 ORCHARDS
 PLANTING
 PLOWING
 SEEDS
 VINEYARDS

FARMLANDS

UF CROPLANDS
 PLOWED FIELDS
 GS LAND
 . FARMLANDS
 RT AGRICULTURE
 CROP GROWTH
 CROP IDENTIFICATION
 CROP INVENTORIES
 CROP VIGOR
 ∞ CROPS
 EARTH RESOURCES
 FARM CROPS
 GRASSES
 GRASSLANDS
 HAY
 IRRIGATION
 LAND USE
 PLAINS
 PLANTING
 PLOWING
 REGIONAL PLANNING
 RURAL AREAS
 RURAL LAND USE
 SOD
 SUGAR BEETS
 SUGAR CANE

FAST FOURIER TRANSFORMATIONS

UF FFT
 GS TRANSFORMATIONS (MATHEMATICS)
 . INTEGRAL TRANSFORMATIONS
 . FAST FOURIER TRANSFORMATIONS
 RT FUNCTIONS (MATHEMATICS)
 WALSH FUNCTION

FAST NEUTRONS

GS NUCLEAR RADIATION
 . FAST NEUTRONS
 PARTICLES
 . ELEMENTARY PARTICLES
 . FERMIONS
 . . . NEUTRONS
 FAST NEUTRONS
 . NEUTRAL PARTICLES
 . . NEUTRONS
 . . . FAST NEUTRONS
 RT BARYONS
 NUCLEONS
 THERMAL NEUTRONS

FAST NUCLEAR REACTORS

GS NUCLEAR REACTORS
 . FAST NUCLEAR REACTORS
 . . EXPERIMENTAL BREEDER REACTOR
 1
 . . EXPERIMENTAL BREEDER REACTOR
 2
 . . FAST OXIDE REACTORS
 . . FAST TEST REACTORS
 . . GAS COOLED FAST REACTORS

FAST NUCLEAR REACTORS-(CONT.)

. . LIQUID METAL FAST BREEDER
 REACTORS
 RT ENRICO FERMI ATOMIC POWER PLANT
 NUCLEAR POWER REACTORS

FAST OXIDE REACTORS

GS NUCLEAR REACTORS
 . FAST NUCLEAR REACTORS
 . . FAST OXIDE REACTORS
 RT NUCLEAR POWER REACTORS

FAST TEST REACTORS

GS NUCLEAR REACTORS
 . FAST NUCLEAR REACTORS
 . . FAST TEST REACTORS
 RT ∞ REACTORS

FASTENERS

GS FASTENERS
 . ANCHORS (FASTENERS)
 . BOLTS
 . . ROCK BOLTS
 . . TIE BOLTS
 . . BUTTONS (FASTENERS)
 . . LOCKS (FASTENERS)
 . . NUTS (FASTENERS)
 . . PINS
 . . RIVETS
 . . SCREWS
 . . WASHERS (SPACERS)
 . ZIPPERS
 RT ADHESIVES
 ∞ BANDS
 ∞ BELTS
 BRACKETS
 CABLES (ROPES)
 CHAINS
 CLAMPS
 CLIPS
 CLOSURES
 CONNECTORS
 COUPLINGS
 FITTINGS
 HOLDERS
 HOOKS
 INSERTS
 JOINTS (JUNCTIONS)
 LATCHES
 LINKAGES
 LOCKING
 LUGS
 MOORING
 RIBBONS
 SLEEVES
 SPACERS
 ∞ SPIKES
 ∞ SPLICING
 SPLINES
 STRAPS
 STRUCTURAL MEMBERS
 STUDS (STRUCTURAL MEMBERS)
 ∞ TAPES
 UNIONS (CONNECTORS)
 WIRE

FAT EMBOLISMS

GS DISEASES
 . FAT EMBOLISMS
 EMBOLISMS
 RT . FAT EMBOLISMS
 AEROEMBOLISM
 BLOOD VESSELS
 CARDIOVASCULAR SYSTEM
 HEART DISEASES

FATIGUE (BIOLOGY)

GS FATIGUE (BIOLOGY)
 . AUDITORY FATIGUE
 . FLIGHT FATIGUE
 . MUSCULAR FATIGUE
 RT ASTHENOPIA
 DAMAGE
 EFFORT
 EXHAUSTION
 HUMAN FACTORS ENGINEERING
 HYPERKINESIA
 MASSAGING
 ∞ PERFORMANCE
 PHYSICAL EXERCISE
 STRESS (PHYSIOLOGY)
 STRESS (PSYCHOLOGY)
 WORK-REST CYCLE
 WORKLOADS (PSYCHOPHYSIOLOGY)

NASA THESAURUS (VOLUME 1)

FATIGUE (MATERIALS)

UF STRAIN FATIGUE
 STRUCTURAL FATIGUE
 GS FATIGUE (MATERIALS)
 . BENDING FATIGUE
 . METAL FATIGUE
 . STRUCTURAL STRAIN
 . THERMAL FATIGUE
 . VOLUMETRIC STRAIN
 RT BAUSCHINGER EFFECT
 CRACK CLOSURE
 CRACK GEOMETRY
 CRACK PROPAGATION
 CRACKING (FRACTURING)
 CRACKS
 CREEP PROPERTIES
 CRYSTAL DISLOCATIONS
 CYCLES
 DAMAGE
 DESTRUCTION
 DUCTILITY
 ∞ ENDURANCE
 FAILURE
 FRACTOGRAPHY
 FRETTING
 FRETTING CORROSION
 HARDNESS
 MECHANICAL PROPERTIES
 NOTCH SENSITIVITY
 PLASTIC PROPERTIES
 S-N DIAGRAMS
 SHEAR PROPERTIES
 SHOT PEENING
 STRESS CONCENTRATION
 STRESS CYCLES
 STRESS RATIO
 STRESS RELAXATION
 STRESS RELIEVING
 STRESSES
 STRUCTURAL FAILURE
 SURFACE DEFECTS
 SYSTEM FAILURES
 TEMPERATURE INVERSIONS
 THERMAL STRESSES
 VIBRATION

FATIGUE DIAGRAMS

USE S-N DIAGRAMS

FATIGUE LIFE

GS LIFE (DURABILITY)
 . FATIGUE LIFE
 MECHANICAL PROPERTIES
 . FATIGUE LIFE
 RT ACCELERATED LIFE TESTS
 BLOWOUTS
 COFFIN-MANSON LAW
 COMBINED STRESS
 FAILURE ANALYSIS
 PALMGREN-MINER RULE
 RETIREMENT FOR CAUSE
 S-N DIAGRAMS
 SERVICE LIFE
 STRESS CYCLES

FATIGUE TESTING MACHINES

RT ACOUSTIC EMISSION
 ∞ MACHINERY
 ∞ TEST EQUIPMENT

FATIGUE TESTS

RT BENDING
 COFFIN-MANSON LAW
 CREEP TESTS
 DESTRUCTIVE TESTS
 FERROGRAPHY
 IMPACT TESTING MACHINES
 IMPACT TESTS
 LOAD TESTS
 ∞ MATERIALS TESTS
 NOTCH STRENGTH
 NOTCH TESTS
 RESONANCE TESTING
 S-N DIAGRAMS
 SPECIMEN GEOMETRY
 STATIC TESTS
 STRESS CONCENTRATION
 STRESS CYCLES
 STRESS RATIO
 TENSILE TESTS
 TESTING TIME
 ∞ TESTS
 THERMAL CYCLING TESTS
 WEIBULL DENSITY FUNCTIONS
 WELD TESTS

NASA THESAURUS (VOLUME 1)

FEEDBACK CONTROL

FATS

- GS CARBOHYDRATES
 - . FATS
 - . . CHOLINE
 - ORGANIC COMPOUNDS
 - . FATS
 - . . CHOLINE
- RT ADIPOSE TISSUES
 - ∞FOOD
 - GREASES
 - MYELIN
 - ∞NUTRIENTS
 - OILS
 - PALMITIC ACID
 - SYNTHETIC FOOD

FATTY ACIDS

- GS ACIDS
 - . FATTY ACIDS
 - . . CARBOXYLIC ACIDS
 - . . . ACETIC ACID
 - ETHYLENEDIAMINETETRAACETIC ACIDS
 - VERSENE
 - IODOACETIC ACID
 - ACETYL SALICYLIC ACID
 - BENZILIC ACID
 - BENZOIC ACID
 - DICARBOXYLIC ACIDS
 - TEREPHTHALATE
 - OLEIC ACID
 - PROPIONIC ACID
 - SEBACIC ACID
 - VALERIC ACID
 - LIPOIC ACID
 - PALMITIC ACID
 - ALIPHATIC COMPOUNDS
 - . FATTY ACIDS
 - . . ACETIC ACID
 - . . . ETHYLENEDIAMINETETRAACETIC ACIDS
 - VERSENE
 - IODOACETIC ACID
 - LIPOIC ACID
 - OLEIC ACID
 - PALMITIC ACID
 - PROPIONIC ACID
 - SEBACIC ACID
 - VALERIC ACID
 - ORGANIC COMPOUNDS
 - . FATTY ACIDS
 - . . ACETIC ACID
 - . . . ETHYLENEDIAMINETETRAACETIC ACIDS
 - VERSENE
 - IODOACETIC ACID
 - LIPOIC ACID
 - OLEIC ACID
 - PROPIONIC ACID
 - SEBACIC ACID
 - VALERIC ACID
- RT CASTOR OIL
- ∞NUTRIENTS

FAULT MECHANICS

- USE FRACTURE MECHANICS

FAULT TOLERANCE

- RT ERROR ANALYSIS
- ERROR DETECTION CODES
- FAIL-SAFE SYSTEMS
- FAILURE ANALYSIS
- RELIABILITY ENGINEERING

FAULT TREES

- GS TREES (MATHEMATICS)
- . FAULT TREES
- RT GRAPHS (CHARTS)
- TOPOLOGY

∞FAULTS

- SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)*
- RT ELECTRICAL FAULTS
- GEOLOGICAL FAULTS
- LANDFORMS
- MASSIFS
- SEAMOUNTS
- TEST PATTERN GENERATORS

FAYALITE

- GS IRON COMPOUNDS
- . FAYALITE
- MINERALS

FAYALITE-(CONT.)

- . FAYALITE
- SILICON COMPOUNDS
- SILICATES
- . FAYALITE

FBFM (MODULATION)

- USE FEEDBACK FREQUENCY MODULATION

FBM (MISSILES)

- USE FLEET BALLISTIC MISSILES

FCC LATTICES

- USE FACE CENTERED CUBIC LATTICES

FD 2 AIRCRAFT

- UF FAIREY DELTA 2 AIRCRAFT
- GS FAIREY AIRCRAFT
- . FD 2 AIRCRAFT
- JET AIRCRAFT
- . FD 2 AIRCRAFT
- MONOPLANES
- . FD 2 AIRCRAFT
- RESEARCH AIRCRAFT
- . FD 2 AIRCRAFT
- TAILLESS AIRCRAFT
- . FD 2 AIRCRAFT
- RT DELTA WINGS

FDL-5 REENTRY VEHICLE

- GS REENTRY VEHICLES
- . LIFTING REENTRY VEHICLES
- . FDL-5 REENTRY VEHICLE

FDMA

- USE FREQUENCY DIVISION MULTIPLE ACCESS

FEAR

- GS PHOBIAS
- . FEAR
- . . FEAR OF FLYING
- RT ANXIETY
- EMOTIONS
- NEUROSES
- PANIC
- PSYCHOSES

FEAR OF FLYING

- GS PHOBIAS
- . FEAR
- . . FEAR OF FLYING
- RT ANXIETY
- EMOTIONS
- NEUROSES

FEASIBILITY

- RT COST ANALYSIS
- COSTS
- EFFICIENCY
- ESTIMATING
- EVALUATION

FEASIBILITY ANALYSIS

- RT COST ANALYSIS
- ECONOMIC FACTORS
- MANAGEMENT PLANNING
- RESEARCH MANAGEMENT
- SYSTEMS ANALYSIS
- TECHNOLOGY ASSESSMENT

FEATHER RIVER BASIN (CA)

- GS LANDFORMS
- . STRUCTURAL BASINS
- . . RIVER BASINS
- . . . FEATHER RIVER BASIN (CA)
- RT CALIFORNIA
- RIVERS

FEATHERING

- RT PROPELLER BLADES
- PROPELLERS

FECES

- GS WASTES
- . FECES
- RT EXCRETION
- PERSPIRATION
- URINE

FEDERAL BUDGETS

- RT ALLOCATIONS
- APPROPRIATIONS
- ∞BUDGETS

FEDERAL BUDGETS-(CONT.)

- CONTRACTS
- COST ESTIMATES
- FINANCIAL MANAGEMENT
- GOVERNMENT PROCUREMENT
- PROCUREMENT MANAGEMENT

FEDERAL REPUBLIC OF GERMANY

- USE WEST GERMANY

FEDERATIONS

- GS ORGANIZATIONS
- . FEDERATIONS
- . . BUREAUS (ORGANIZATIONS)
- RT INSTITUTIONS
- INTERNATIONAL COOPERATION
- NATIONS
- TEAMS
- UNIONIZATION
- UNITED NATIONS

FEED SYSTEMS

- RT COLD FLOW TESTS
- FEEDING (SUPPLYING)
- FUEL TANKS
- INTAKE SYSTEMS
- PUMPS
- ∞SYSTEMS

FEEDBACK

- GS FEEDBACK
- . NEGATIVE FEEDBACK
- . . SENSORY FEEDBACK
- . . . NONLINEAR FEEDBACK
- . . . POSITIVE FEEDBACK
- RT COMPENSATORS
- COMPLEXITY
- CONTROL THEORY
- CYBERNETICS
- ELECTROMAGNETIC INTERFERENCE
- EMOTIONAL FACTORS
- OSCILLATIONS
- OSCILLATORS
- ∞SYSTEMS
- TRANSFER FUNCTIONS

FEEDBACK AMPLIFIERS

- GS AMPLIFIERS
- . FEEDBACK AMPLIFIERS
- RT NONLINEAR FEEDBACK
- OSCILLATORS
- PHANTASTRONS
- POSITIVE FEEDBACK
- POWER AMPLIFIERS
- SELF OSCILLATION
- SERVOAMPLIFIERS
- TRANSISTOR AMPLIFIERS
- VOLTAGE AMPLIFIERS

FEEDBACK CIRCUITS

- GS CIRCUITS
- . FEEDBACK CIRCUITS
- RT FEEDFORWARD CONTROL
- TRANSFER FUNCTIONS

FEEDBACK CONTROL

- UF CLOSED LOOP SYSTEMS
- GS AUTOMATIC CONTROL
- . FEEDBACK CONTROL
- . . CASCADE CONTROL
- RT ADAPTIVE CONTROL
- ADAPTIVE OPTICS
- AUTOMATIC FREQUENCY CONTROL
- AUTOMATIC GAIN CONTROL
- ∞AUTOMATION
- ∞CONTROL
- CONTROL EQUIPMENT
- CONTROL THEORY
- DYNAMIC CONTROL
- ELECTRONIC CONTROL
- KALMAN-SCHMIDT FILTERING
- LEARNING MACHINES
- NEGATIVE FEEDBACK
- NONLINEAR FEEDBACK
- OBSERVABILITY (SYSTEMS)
- OPTIMAL CONTROL
- PROPORTIONAL CONTROL
- ROBUSTNESS (MATHEMATICS)
- SERVOCONTROL
- SERVOMECHANISMS
- STABILITY AUGMENTATION
- TERMINAL CONFIGURED VEHICLE PROGRAM
- TRACKING PROBLEM

FEEDBACK FREQUENCY MODULATION

UF FBFM (MODULATION)
GS MODULATION
.. FEEDBACK FREQUENCY
.. FEEDBACK FREQUENCY
MODULATION
RT PHASE LOCKED SYSTEMS

FEEDERS

SN (FOR FLUID AND PARTICULATE
MATERIALS)
RT CONVEYORS
DISPENSERS
DISTRIBUTORS
FEEDING (SUPPLYING)
FUEL SYSTEMS
INJECTORS
INTAKE SYSTEMS
LOADING OPERATIONS
MATERIALS HANDLING
MIXERS

FEEDFORWARD CONTROL

GS AUTOMATIC CONTROL
.. FEEDFORWARD CONTROL
RT ADAPTIVE CONTROL
.. AUTOMATION
CONTROL THEORY
FEEDBACK CIRCUITS
OPTIMAL CONTROL

FEEDING (SUPPLYING)

RT FEED SYSTEMS
FEEDERS
INJECTION
INPUT
.. LOADING
MATERIALS HANDLING

FEELINGS

USE SENSORY FEEDBACK

FEET (ANATOMY)

GS ANATOMY
.. FEET (ANATOMY)
RT LEG (ANATOMY)
LIMBS (ANATOMY)
PHYSIOLOGY

FELDSPARS

GS ALUMINUM COMPOUNDS
.. FELDSPARS
MINERALS
.. FELDSPARS
SILICON COMPOUNDS
.. SILICATES
.. FELDSPARS
RT ANDESITE
ANORTHOSITE
FELSITE
IGNEOUS ROCKS

FELLOWSHIP AIRCRAFT

USE F-28 TRANSPORT AIRCRAFT

FELSITE

GS ROCKS
.. IGNEOUS ROCKS
.. FELSITE
RT FELDSPARS
MINERALS
QUARTZ

FELTS

GS FABRICS
.. FELTS
RT WOOL

FEMALES

UF WOMEN
RT CHILDREN
GYNECOLOGY
HUMAN BEINGS
MALES
MENSTRUATION
SEX
SEX FACTOR

FEMUR

GS ANATOMY
.. MUSCULOSKELETAL SYSTEM
.. BONES
.. FEMUR
RT KNEE (ANATOMY)

FEMUR-(CONT.)

LEG (ANATOMY)

FENCES

SN (USE OF A MORE SPECIFIC TERM IS
RECOMMENDED-CONSULT THE TERMS
LISTED BELOW)
RT AIRFOIL FENCES
FENCES (BARRIERS)
TRACKING STATIONS

FENCES (BARRIERS)

RT BOUNDARIES
.. FENCES
GATES (OPENINGS)

FERMAT PRINCIPLE

RT ELECTROMAGNETIC WAVE
TRANSMISSION
LIGHT TRANSMISSION
MULTIPATH TRANSMISSION
OPTICAL THICKNESS
VELOCITY

FERMENTATION

GS CHEMICAL REACTIONS
.. FERMENTATION
METABOLISM
.. ENZYME ACTIVITY
.. FERMENTATION
RT BIOCONVERSION
BUTYRIC ACID

FERMI LIQUIDS

GS LIQUIDS
.. CRYOGENIC FLUIDS
.. FERMI LIQUIDS
RT CRYOGENICS

FERMI SURFACES

RT BRILLOUIN ZONES
CYCLOTRON RESONANCE
ENERGY LEVELS
MAGNETORESISTIVITY
.. SURFACES
TRANSITION PROBABILITIES

FERMI-DIRAC STATISTICS

RT BOSONS
FERMIONS
QUANTUM MECHANICS
QUANTUM STATISTICS
.. STATISTICS

FERMIONS

GS PARTICLES
.. ELEMENTARY PARTICLES
.. FERMIONS
.. BARYON RESONANCES
.. BARYONS
.. HYPERONS
.. XI HYPERONS
.. OMEGA-MESONS
.. RHO-MESONS
.. SIGMA-MESONS
.. ETA-MESONS
.. LEPTONS
.. ANTINEUTRINOS
.. MUONS
.. NEUTRINOS
.. SOLAR NEUTRINOS
.. MESON RESONANCES
.. NEUTRONS
.. COLD NEUTRONS
.. FAST NEUTRONS
.. PHOTONEUTRONS
.. THERMAL NEUTRONS
.. PROTONS
.. RECOIL PROTONS
.. SOLAR PROTONS
RT FERMI-DIRAC STATISTICS
PAULI EXCLUSION PRINCIPLE
QUANTUM STATISTICS

FERMIUM

GS CHEMICAL ELEMENTS
.. ACTINIDE SERIES
.. TRANSURANIUM ELEMENTS
.. FERMIUM
.. NUCLIDES
.. ISOTOPES
.. RADIOACTIVE ISOTOPES
.. TRANSURANIUM ELEMENTS
.. FERMIUM

FERMIUM-(CONT.)

HEAVY ELEMENTS
.. TRANSURANIUM ELEMENTS
.. FERMIUM
METALS
.. ACTINIDE SERIES
.. TRANSURANIUM ELEMENTS
.. FERMIUM

FERRANTI MERCURY COMPUTER

GS DATA PROCESSING EQUIPMENT
.. COMPUTERS
.. DIGITAL COMPUTERS
.. FERRANTI MERCURY COMPUTER

FERRATES

GS IRON COMPOUNDS
.. FERRATES
.. BARIUM FERRATES

FERRIC IONS

GS IONS
.. CATIONS
.. METAL IONS
.. FERRIC IONS
PARTICLES
.. CHARGED PARTICLES
.. CATIONS
.. METAL IONS
.. FERRIC IONS

FERRIMAGNETIC MATERIALS

GS MAGNETIC MATERIALS
.. FERRIMAGNETIC MATERIALS
RT FERROMAGNETIC MATERIALS
.. MATERIALS

FERRIMAGNETISM

GS MAGNETIC PROPERTIES
.. FERRIMAGNETISM
RT FERRIMAGNETS
MAGNONS

FERRIMAGNETS

GS MAGNETS
.. FERRIMAGNETS
RT FERRIMAGNETISM

FERRITES

GS IRON COMPOUNDS
.. FERRITES
RT AUSTENITE
FERRITIC STAINLESS STEELS
GYRATORS
IRON ALLOYS
MAGNETIC CORES
MICROSTRUCTURE
PEARLITE
SPINEL
STEELS
YTTRIUM-ALUMINUM GARNET
YTTRIUM-IRON GARNET

FERRITIC STAINLESS STEELS

GS ALLOYS
.. IRON ALLOYS
.. STEELS
.. STAINLESS STEELS
.. FERRITIC STAINLESS STEELS
RT CHROMIUM STEELS
FERRITES
HEAT TREATMENT
MAGNETIC PROPERTIES
MECHANICAL PROPERTIES

FERROALLOYS

USE IRON ALLOYS

FERROCENES

GS IRON COMPOUNDS
.. FERROCENES
.. ALKYLFERROCENE
ORGANOMETALLIC COMPOUNDS
.. FERROCENES

FERROELECTRICITY

GS ELECTROMAGNETIC PROPERTIES
.. ELECTRICAL PROPERTIES
.. FERROELECTRICITY
RT ANTIFERROELECTRICITY
CURIE TEMPERATURE
DIELECTRIC PROPERTIES
MICROWAVE SWITCHING

FERROFLUIDS

- GS LIQUIDS
 - . FERROFLUIDS
 - . MAGNETIC MATERIALS
 - . FERROMAGNETIC MATERIALS
 - . . FERROFLUIDS
- RT DISPERSSIONS
 - ∞ FLUIDS
 - ∞ MICROPARTICLES
 - ∞ SUSPENDING (MIXING)
 - ∞ SUSPENSIONS

FERROGRAPHY

- RT FATIGUE TESTS
- METALLOGRAPHY
- WEAR TESTS

FERROMAGNETIC FILMS

- GS MAGNETIC MATERIALS
 - . FERROMAGNETIC MATERIALS
 - . . FERROMAGNETIC FILMS
 - . . . FERROMAGNETIC FILMS
 - . . . THIN FILMS
 - . . . FERROMAGNETIC FILMS

FERROMAGNETIC MATERIALS

- GS MAGNETIC MATERIALS
 - . FERROMAGNETIC MATERIALS
 - . . FERROFLUIDS
 - . . FERROMAGNETIC FILMS
 - . . . MAGNETITE
 - . . . PERMALLOYS (TRADEMARK)
 - . . . FERRIMAGNETIC MATERIALS
 - . . . MAGNETS
 - . . . MATERIALS
 - . . . YOKES
- RT FERRIMAGNETIC MATERIALS
- ∞ MATERIALS
- YOKES

FERROMAGNETIC RESONANCE

- GS RESONANCE
 - . MAGNETIC RESONANCE
 - . . FERROMAGNETIC RESONANCE
- RT MAGNETIC FIELDS
- PARAMAGNETIC RESONANCE

FERROMAGNETISM

- UF ISING MODEL
- GS MAGNETIC PROPERTIES
 - . FERROMAGNETISM
- RT ANTIFERROMAGNETISM
- CURIE TEMPERATURE
- CURIE-WEISS LAW
- DIAMAGNETISM
- LANGEVIN FORMULA
- MAGNETIC CORES
- MAGNETIC DISPERSION
- MAGNETS
- MAGNONS

FERROUS METALS

- GS METALS
 - . FERROUS METALS
- RT ALLOYS
- CHEMICAL ELEMENTS
- IRON
- IRON ISOTOPES
- ∞ METALLURGY

FERRY SPACECRAFT

- UF SPACE BUSES
- GS MANEUVERABLE SPACECRAFT
 - . FERRY SPACECRAFT
 - . MANNED SPACECRAFT
 - . . FERRY SPACECRAFT
- RT ASTRO VEHICLE
- CARGO SPACECRAFT
- MARS (MANNED REUSABLE SPACECRAFT)
- REENTRY VEHICLES
- RENDEZVOUS SPACECRAFT
- REUSABLE SPACECRAFT
- SOFT LANDING SPACECRAFT
- SPACE STATIONS

FERTILITY

- RT BREEDING (REPRODUCTION)
- FERTILIZATION
- REPRODUCTION (BIOLOGY)
- REPRODUCTIVE SYSTEMS

FERTILIZATION

- RT BIRTH
- FERTILITY
- RECOMBINATION REACTIONS
- ∞ REPRODUCTION
- SPERMATOZOA

FERTILIZERS

- RT AMMONIA
- AMMONIUM NITRATES
- ASHES
- CULTIVATION
- PLANTING
- UREAS
- VEGETATION GROWTH

FET (TRANSISTORS)

- USE FIELD EFFECT TRANSISTORS

FETUSES

- UF FOETUSES
- RT BIRTH
- EGGS
- EMBRYOLOGY
- EMBRYOS
- REPRODUCTION (BIOLOGY)
- REPRODUCTIVE SYSTEMS

FEVER

- RT BODY TEMPERATURE
- HYPERTHERMIA
- SKIN TEMPERATURE (BIOLOGY)

FEYNMAN DIAGRAMS

- GS DIAGRAMS
 - . FEYNMAN DIAGRAMS
- RT ELECTROMAGNETIC INTERACTIONS
- MINKOWSKI SPACE
- PARTICLE INTERACTIONS
- QUANTUM ELECTRODYNAMICS

FFAR ROCKET VEHICLE

- USE FOLDING FIN AIRCRAFT ROCKET VEHICLE

FFT

- USE FAST FOURIER TRANSFORMATIONS

FH-1100 HELICOPTER

- USE OH-5 HELICOPTER

FIAT AIRCRAFT

- GS FIAT AIRCRAFT
 - . FIAT 7002 HELICOPTER
 - . G-91 AIRCRAFT
 - . G-95/4 AIRCRAFT
 - . G-222 AIRCRAFT
- RT ∞ AIRCRAFT

FIAT G-91 AIRCRAFT

- USE G-91 AIRCRAFT

FIAT G-95/4 AIRCRAFT

- USE G-95/4 AIRCRAFT

FIAT G-222 AIRCRAFT

- USE G-222 AIRCRAFT

FIAT 7002 HELICOPTER

- GS FIAT AIRCRAFT
 - . FIAT 7002 HELICOPTER
 - . GENERAL AVIATION AIRCRAFT
 - . FIAT 7002 HELICOPTER
 - . PASSENGER AIRCRAFT
 - . FIAT 7002 HELICOPTER
 - . TRANSPORT AIRCRAFT
 - . FIAT 7002 HELICOPTER
 - . V/STOL AIRCRAFT
 - . ROTARY WING AIRCRAFT
 - . . HELICOPTERS
 - . . . FIAT 7002 HELICOPTER

FIBER COMPOSITES

- GS COMPOSITE MATERIALS
 - . FIBER COMPOSITES
 - . . CARBON FIBER REINFORCED PLASTICS
 - . . . GLASS FIBER REINFORCED PLASTICS
- RT ALUMINUM BORON COMPOSITES
- ALUMINUM GRAPHITE COMPOSITES
- BORON FIBERS
- BORON REINFORCED MATERIALS
- BORON-EPOXY COMPOUNDS
- BORSIC (TRADENAME)
- CARBON FIBERS
- CARBON-CARBON COMPOSITES
- COMPOSITE WRAPPING
- FIBER REINFORCED COMPOSITES
- FILAMENT WINDING
- GRAPHITE
- GRAPHITE-EPOXY COMPOSITES

FIBER COMPOSITES-(CONT.)

- LAMINATES
- METAL FIBERS
- METAL MATRIX COMPOSITES
- MICARTA
- POLYMER MATRIX COMPOSITES
- PULTRUSION
- REINFORCED PLASTICS
- REINFORCING FIBERS
- SUPERHYBRID MATERIALS
- THREE DIMENSIONAL COMPOSITES

FIBER OPTICS

- RT CASSEGRAIN OPTICS
- CRYSTAL OPTICS
- ELECTRON TUBES
- GEOMETRICAL OPTICS
- GRADIENT INDEX OPTICS
- LIGHT TRANSMISSION
- ∞ OPTICS
- PHOTONICS
- PHYSICAL OPTICS
- VIDICONS

FIBER ORIENTATION

- RT BORON FIBERS
- COMPOSITE MATERIALS
- DYNAMIC RESPONSE
- EPOXY MATRIX COMPOSITES
- GLASS FIBER REINFORCED PLASTICS
- IMPACT LOADS
- LAY-UP
- MECHANICAL PROPERTIES
- ∞ ORIENTATION
- REINFORCING FIBERS

FIBER REINFORCED COMPOSITES

- GS COMPOSITE MATERIALS
 - . FIBER REINFORCED COMPOSITES
- RT FIBER COMPOSITES
- GLASS FIBER REINFORCED PLASTICS
- MATRIX MATERIALS
- REINFORCING MATERIALS

FIBER RELEASE

- GS RELEASING
 - . FIBER RELEASE
- RT CARBON FIBERS
- COMBUSTION PRODUCTS
- COMPOSITE MATERIALS
- FIBERS
- FIRES
- GRAPHITE

FIBER STRENGTH

- GS MECHANICAL PROPERTIES
 - . FIBER STRENGTH
- RT BENDING
- BORON FIBERS
- COMPRESSIVE STRENGTH
- HOOKES LAW
- POISSON RATIO
- SHEAR STRENGTH
- ∞ STRENGTH
- TENSILE STRENGTH

FIBERGLASS

- USE GLASS FIBERS

FIBERS

- UF FIBROUS MATERIALS
- REFRASIL (TRADEMARK)
- GS FIBERS
 - . COTTON FIBERS
 - . HAIR
 - . LINEN
 - . METAL FIBERS
 - . MICROFIBERS
 - . REINFORCING FIBERS
 - . . BORON FIBERS
 - . . CARBON FIBERS
 - . . SILK
 - . . SYNTHETIC FIBERS
 - . . DACRON (TRADEMARK)
 - . . FORTISAN (TRADEMARK)
 - . . GLASS FIBERS
 - . . NYLON (TRADEMARK)
 - . . RAYON
 - . . VYCOR
 - . . WOOL
- RT BORON REINFORCED MATERIALS
- CARBON FIBER REINFORCED PLASTICS
- COMPOSITE MATERIALS
- CORDAGE
- COTTON

FIBERS (MATHEMATICS)

FIBERS-(CONT.)

FABRICS
FIBER RELEASE
∞ FILAMENTS
GLASS FIBER REINFORCED PLASTICS
METAL MATRIX COMPOSITES
PAPERS
POLYMERIC FILMS
REINFORCING MATERIALS
SLIVERS
STRANDS
TEXTILES
WET SPINNING
WHISKERS (CRYSTALS)
YARNS

FIBERS (MATHEMATICS)

RT CANONICAL FORMS
DIMENSIONAL ANALYSIS
FUNCTION SPACE
GROUP THEORY
HOMOTOPY THEORY
MANIFOLDS (MATHEMATICS)
TOPOLOGY

FIBONACCI NUMBERS

RT NUMBER THEORY
∞ NUMBERS
SET THEORY

FIBRILLATION

RT HEART DISEASES
MUSCLES
SEISMOCARDIOGRAPHY

FIBRIN

GS PROTEINS
FIBRIN
RT BLOOD
COAGULATION

FIBRINOGEN

GS PROTEINS
FIBRINOGEN
RT HEMOSTATICS
HOMEOSTASIS
THROMBIN

FIBROBLASTS

GS CELLS (BIOLOGY)
FIBROBLASTS
COLLAGENS
RT CYTOPLASM
TENDONS
TISSUES (BIOLOGY)

FIBROSIS

GS DISEASES
FIBROSIS
CYSTIC FIBROSIS
RT TISSUES (BIOLOGY)

FIBROUS MATERIALS

USE FIBERS

FICKS EQUATION

RT DIFFUSION
DIFFUSION COEFFICIENT
∞ EQUATIONS
TAFEL LAW

FIDELITY

USE ACCURACY

FIDUCIARIES

RT ECONOMICS
FINANCE
MANAGEMENT

FIELD ARMY BALLISTIC MISSILE DEFENSE SYS

UF FABMDS
RT MILITARY TECHNOLOGY

FIELD ARMY BALLISTIC MISSILES

GS MISSILES
BALLISTIC MISSILES
FIELD ARMY BALLISTIC MISSILES
SUBROC MISSILE
RT INTERMEDIATE RANGE BALLISTIC
MISSILES
SHORT RANGE BALLISTIC MISSILES

FIELD COILS

GS MAGNET COILS

FIELD COILS-(CONT.)

RT FIELD COILS
ELECTROMAGNETS
HELICAL INDUCERS

FIELD EFFECT TRANSISTORS

UF CASCODE MOSFET
FET (TRANSISTORS)
MOSFET
GS UNIPOLAR TRANSISTORS
ELECTRONIC EQUIPMENT
SOLID STATE DEVICES
SEMICONDUCTOR DEVICES
TRANSISTORS
FIELD EFFECT TRANSISTORS
CHARGE FLOW DEVICES
JFET
RT ION IMPLANTATION

FIELD EMISSION

GS DECAY
EMISSION
PARTICLE EMISSION
ELECTRON EMISSION
FIELD EMISSION
ELECTRIC FIELDS
ELECTRON MICROSCOPES
ELECTRON MICROSCOPY
MAGNETIC FIELDS
SECONDARY EMISSION
ZENER EFFECT

FIELD INTENSITY METERS

SN (EMPLOY THIS TERM WHEN TYPE OF
FIELD INVOLVED IS NOT
SPECIFIED--OTHERWISE USE A MORE
SPECIFIC TERM)
GS MEASURING INSTRUMENTS
FIELD INTENSITY METERS
RT ACTINOMETERS
FLUX DENSITY
MAGNETOMETERS
NOISE METERS

FIELD MODE THEORY

RT ∞ THEORIES

FIELD OF VIEW

GS VIEWING
FIELD OF VIEW
RT BEARING (DIRECTION)
CONICAL SCANNING
ELEVATION ANGLE
∞ FIELDS
LOOK ANGLES (TRACKING)
VISUAL FIELDS

FIELD STRENGTH

GS FIELD STRENGTH
ELECTRIC FIELD STRENGTH
MAGNETIC FLUX
RT ACOUSTIC PROPERTIES
DIRECTIVITY
ELECTRIC FIELDS
ELECTRICAL PROPERTIES
ELECTROMAGNETIC FIELDS
FLUX DENSITY
GRAVITATIONAL FIELDS
ISOTROPY
MAGNETIC DIFFUSION
MAGNETIC FIELDS
MAGNETIC PROPERTIES
∞ ORIENTATION
PERMITTIVITY
∞ STRENGTH

FIELD THEORY (ALGEBRA)

GS FIELD THEORY (ALGEBRA)
CUBIC EQUATIONS
QUADRATIC EQUATIONS
RT ∞ FIELDS
GREEN FUNCTION
HOMOMORPHISMS
NONLINEAR EQUATIONS
∞ THEORIES

FIELD THEORY (PHYSICS)

UF AMBIT
FORCE FIELDS
WIGHTMAN THEORY
GS FIELD THEORY (PHYSICS)
QUANTUM CHROMODYNAMICS
INSTANTONS
STRONG INTERACTIONS (FIELD
THEORY)

NASA THESAURUS (VOLUME 1)

FIELD THEORY (PHYSICS)-(CONT.)

RT WEAK INTERACTIONS (FIELD THEORY)
ANTENNA RADIATION PATTERNS
BOSON FIELDS
CLOSURE LAW
CROSSED FIELDS
DIRAC EQUATION
DISTRIBUTION (PROPERTY)
∞ DYNAMICS
ELECTROMAGNETIC FIELDS
FAR FIELDS
∞ FIELDS
FLOW DISTRIBUTION
FLUX (RATE)
FLUX DENSITY
FUNCTION SPACE
GEOMAGNETISM
GRAVITATIONAL FIELDS
GREEN FUNCTION
MAGNETIC FIELD INVERSIONS
MAGNETIC FIELDS
MAGNETOSTATIC FIELDS
MANY BODY PROBLEM
MULTIPOLAR FIELDS
NUCLEAR PHYSICS
NULL ZONES
POMERANCHUK THEOREM
POTENTIAL FIELDS
PRESSURE DISTRIBUTION
QUANTUM ELECTRODYNAMICS
QUANTUM THEORY
RADIATION DISTRIBUTION
RELATIVITY
SELF CONSISTENT FIELDS
SOUND FIELDS
TEMPERATURE DISTRIBUTION
TENSORS
∞ THEORIES
TRAVELING CHARGE
YANG-MILLS FIELDS
YANG-MILLS THEORY
ZERO POINT ENERGY

∞ FIELDS

SN (USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)
RT BOSON FIELDS
ELECTRIC FIELDS
FIELD OF VIEW
FIELD THEORY (ALGEBRA)
FIELD THEORY (PHYSICS)
GRAVITATIONAL FIELDS
MAGNETIC FIELDS
MILITARY AIR FACILITIES
SELF CONSISTENT FIELDS
VISUAL FIELDS

FIGHTER AIRCRAFT

UF INTERCEPTOR AIRCRAFT
GS ATTACK AIRCRAFT
FIGHTER AIRCRAFT
ALPHA JET AIRCRAFT
F-2 AIRCRAFT
F-4 AIRCRAFT
F-5 AIRCRAFT
F-8 AIRCRAFT
F-9 AIRCRAFT
F-14 AIRCRAFT
F-15 AIRCRAFT
F-16 AIRCRAFT
F-17 AIRCRAFT
F-18 AIRCRAFT
F-27 AIRCRAFT
F-84 AIRCRAFT
F-86 AIRCRAFT
F-89 AIRCRAFT
F-94 AIRCRAFT
F-100 AIRCRAFT
F-101 AIRCRAFT
F-102 AIRCRAFT
F-104 AIRCRAFT
F-105 AIRCRAFT
F-106 AIRCRAFT
F-111 AIRCRAFT
FV-12A AIRCRAFT
G-91 AIRCRAFT
G-95/4 AIRCRAFT
GA-5 AIRCRAFT
JAGUAR AIRCRAFT
JET PROVOST AIRCRAFT
MIG AIRCRAFT
MIRAGE AIRCRAFT
MIRAGE 3 AIRCRAFT
P-16 AIRCRAFT

FIGHTER AIRCRAFT-(CONT.)

.. P-51 AIRCRAFT
 .. P-1127 AIRCRAFT
 .. P-1154 AIRCRAFT
 .. SAAB 37 AIRCRAFT
 .. SCIMITAR AIRCRAFT
 .. VAMPIRE MK 35 AIRCRAFT
 .. VJ-101 AIRCRAFT
 .. YF-12 AIRCRAFT
 .. YF-16 AIRCRAFT

RT ∞ AIRCRAFT
 ∞ INTERCEPTORS
 JET AIRCRAFT
 ∞ MILITARY AIRCRAFT
 ∞ MILITARY AVIATION
 MRCA AIRCRAFT
 PANAVIA MILITARY AIRCRAFT
 SUPERSONIC AIRCRAFT
 TRAINING AIRCRAFT
 V/STOL AIRCRAFT

FIGURE OF MERIT

RT ACCEPTABILITY
 ∞ ANALYZING
 CRITERIA
 EFFICIENCY
 EVALUATION
 MODULATION TRANSFER FUNCTION
 OPTICAL TRANSFER FUNCTION
 ∞ PERFORMANCE
 Q FACTORS
 QUALITY
 SELECTION
 VALUE

FILAMENT WINDING

UF FILAMENT WOUND CONSTRUCTION
 GS WINDING
 RT . FILAMENT WINDING
 COMPOSITE WRAPPING
 FIBER COMPOSITES
 ISOTENSOID STRUCTURES
 LAMINATES
 METAL FIBERS
 PREIMPREGNATION

FILAMENT WOUND CONSTRUCTION

USE FILAMENT WINDING

∞ FILAMENTS

SN (USE OF A MORE SPECIFIC TERM IS
 RECOMMENDED--CONSULT THE TERMS
 LISTED BELOW)
 RT BORON FIBERS
 CARBON FIBERS
 CATHODES
 CORDAGE
 FIBERS
 IONIZERS
 REINFORCING MATERIALS
 RESISTORS
 STRANDS
 VORTEX FILAMENTS
 WET SPINNING
 WHISKERS (CRYSTALS)
 WIRE

FILAMENTS (SOLAR PHYSICS)

USE SOLAR PROMINENCES

FILE MAINTENANCE (COMPUTERS)

GS MAINTENANCE
 . FILE MAINTENANCE (COMPUTERS)
 RT CHECKOUT
 COMPUTER PROGRAMMING
 COMPUTERS
 PROGRAM VERIFICATION (COMPUTERS)
 PROGRAMMERS
 ∞ PROGRAMMING

∞ FILES

SN (USE OF A MORE SPECIFIC TERM IS
 RECOMMENDED--CONSULT THE TERMS
 LISTED BELOW)
 RT DOCUMENT STORAGE
 FILES (TOOLS)

FILES (TOOLS)

GS TOOLS
 . FILES (TOOLS)
 RT ABRASION
 ∞ FILES
 SCRAPERS

FILLERS

RT ADDITIVES
 ∞ CELLS
 DOPES
 OPACIFIERS
 PAINTS
 PIGMENTS
 PRIMERS (COATINGS)
 REINFORCEMENT (STRUCTURES)
 RESINS
 SEALERS
 SIZING MATERIALS
 VARNISHES

FILLETS

RT FAIRINGS
 JOINTS (JUNCTIONS)
 SEAMS (JOINTS)
 WELDING

FILLING

GS FILLING
 . REFILLING
 . ACCUMULATIONS
 RT ∞ CHARGING
 EXTENSIONS
 INJECTION
 INPUT
 ∞ LOADING
 REPLENISHMENT
 SUPPLYING

FILM BOILING

GS PHASE TRANSFORMATIONS
 . VAPORIZING
 . BOILING
 . . FILM BOILING
 RT HEAT TRANSFER
 LEIDENFROST PHENOMENON
 NUCLEATE BOILING

FILM CONDENSATION

GS CONDENSING
 . FILM CONDENSATION
 RT CONDENSERS (LIQUIFIERS)
 COOLING
 HEAT TRANSFER

FILM COOLING

GS COOLING
 . EVAPORATIVE COOLING
 . . FILM COOLING
 . LIQUID COOLING
 . . FILM COOLING
 RT LIQUID INJECTION
 SURFACE COOLING
 SWEAT COOLING

FILM THICKNESS

GS DIMENSIONS
 . FILM THICKNESS
 RT THICKNESS

∞ FILMS

SN (USE OF A MORE SPECIFIC TERM IS
 RECOMMENDED--CONSULT THE TERMS
 LISTED BELOW)
 RT COATINGS
 CORROSION PREVENTION
 ELECTRODE FILM BARRIERS
 FABRICS
 FLUID FILMS
 HELIUM FILM
 KAPTON (TRADEMARK)
 LAMINATES
 MAGNETIC FILMS
 MEMBRANES
 METAL FILMS
 MONOMOLECULAR FILMS
 OXIDE FILMS
 PAPERS
 PHOTOGRAPHIC FILM
 POLYMERIC FILMS
 SEMICONDUCTING FILMS
 SILICON FILMS
 SQUEEZE FILMS
 THERMOPLASTIC FILMS
 THICK FILMS
 THIN FILMS
 WEBS (SHEETS)

FILTER WHEEL INFRARED SPECTROMETERS

GS MEASURING INSTRUMENTS
 . OPTICAL MEASURING INSTRUMENTS
 . INFRARED SPECTROMETERS

FILTER WHEEL INFRARED-(CONT.)

.. . FILTER WHEEL INFRARED
 SPECTROMETERS
 . SPECTROMETERS
 . INFRARED SPECTROMETERS
 . . . FILTER WHEEL INFRARED
 SPECTROMETERS
 OPTICAL EQUIPMENT
 . OPTICAL MEASURING INSTRUMENTS
 . INFRARED SPECTROMETERS
 . . . FILTER WHEEL INFRARED
 SPECTROMETERS
 RT EBERT SPECTROMETERS
 ∞ FILTERS
 INFRARED SPECTROPHOTOMETERS
 SOLAR SPECTROMETERS

FILTERING

USE FILTRATION

∞ FILTERS

SN (USE OF A MORE SPECIFIC TERM IS
 RECOMMENDED--CONSULT THE TERMS
 LISTED BELOW)
 RT ABSORBERS (MATERIALS)
 ADAPTIVE FILTERS
 AIR FILTERS
 ATTENUATORS
 BANDPASS FILTERS
 BIREFRINGENT FILTERS
 CRYSTAL FILTERS
 DIGITAL FILTERS
 ELECTRIC FILTERS
 ELECTROMAGNETIC WAVE FILTERS
 ELECTRONIC FILTERS
 FILTER WHEEL INFRARED
 SPECTROMETERS
 FIR FILTERS
 FLUID FILTERS
 HIGH PASS FILTERS
 IMAGE FILTERS
 KALMAN FILTERS
 LINEAR FILTERS
 LOW PASS FILTERS
 MATCHED FILTERS
 MONOCHROMATIC RADIATION
 NONLINEAR FILTERS
 OPTICAL FILTERS
 RADIO FILTERS
 REDUCED ORDER FILTERS
 SEPARATORS
 SPATIAL FILTERING

FILTRATION

UF FILTERING
 GS FILTRATION
 . SPATIAL FILTERING
 RT ACTIVATED CARBON
 BEDS (PROCESS ENGINEERING)
 BENEFICIATION
 CONCENTRATING
 ∞ CONCENTRATION
 CONCENTRATORS
 EFFLUENTS
 EXTRACTION
 FLUID FILTERS
 HYDROMETALLURGY
 MATERIALS RECOVERY
 PERCOLATION
 PRECIPITATION (CHEMISTRY)
 ∞ SCREENING
 ∞ SEPARATION
 SEWAGE TREATMENT
 SIZE SEPARATION
 WATER TREATMENT

FINANCE

RT COMMERCE
 FIDUCIARIES
 GROSS NATIONAL PRODUCT
 INVESTMENTS
 MANAGEMENT PLANNING
 MARKETING
 RISK
 WAGE SURVEYS

FINANCIAL MANAGEMENT

GS MANAGEMENT
 . FINANCIAL MANAGEMENT
 RT AIRCRAFT PRODUCTION COSTS
 ALLOCATIONS
 BUDGETING
 COST ANALYSIS
 COST ESTIMATES
 COSTS

FINE

FINANCIAL MANAGEMENT-(CONT.)

ECONOMY
FEDERAL BUDGETS
LIFE CYCLE COSTS
PROCUREMENT MANAGEMENT

∞ FINE

SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)*
RT FINE STRUCTURE
FINENESS
FINENESS RATIO
FINES

FINE STRUCTURE

UF MULTIPLETS
RT ALPHA DECAY
ATOMIC STRUCTURE
∞ FINE
HYPERFINE STRUCTURE
LINE SPECTRA
SPECTRAL ENERGY DISTRIBUTION
∞ STRUCTURES

FINENESS

RT COARSENESS
FINENESS RATIO
PARTICLE SIZE DISTRIBUTION
PURITY
QUALITY
SIZE (DIMENSIONS)
TEXTURES

FINENESS RATIO

GS RATIOS
FINENESS RATIO
RT ASPECT RATIO
DIMENSIONS
FINENESS
OBLATE SPHEROIDS
SLENDER BODIES
THICKNESS RATIO

FINES

GS PARTICLES
POWDER (PARTICLES)
FINES
RT ∞ FINE
∞ FLOUR
FRACTIONS
PARTICLE SIZE DISTRIBUTION
∞ SCREENING

FINGERS

GS ANATOMY
FINGERS
RT HAND (ANATOMY)
SENSE ORGANS

FINISHES

GS FINISHES
ENAMELS
GLAZES
LACQUERS
RT CERAMIC COATINGS
COATINGS
CORROSION
DOPE
IMPREGNATING
LUSTER
MACHINING
METALLIZING
PAINTS
PLATING
POLISHING
PRIMERS (COATINGS)
PROTECTIVE COATINGS
SIZING (SURFACE TREATMENT)
SPRAYED COATINGS
SURFACE FINISHING
SURFACE PROPERTIES
VARNISHES
VENEERS
WAXES

FINITE DIFFERENCE THEORY

GS ANALYSIS (MATHEMATICS)
NUMERICAL ANALYSIS
APPROXIMATION
FINITE DIFFERENCE THEORY
RT DIFFERENCE EQUATIONS
DIFFERENCES
EXTRAPOLATION
INTERPOLATION

FINITE DIFFERENCE THEORY-(CONT.)

SIGNIFICANCE
∞ THEORIES
TIME MARCHING

FINITE ELEMENT METHOD

GS ANALYSIS (MATHEMATICS)
NUMERICAL ANALYSIS
APPROXIMATION
FINITE ELEMENT METHOD
PROCEDURES
RT ∞ APPLICATIONS OF MATHEMATICS
BOUNDARY VALUE PROBLEMS
CHOLESKY FACTORIZATION
COMPUTATIONAL FLUID DYNAMICS
CONJUGATES
FACTORIZATION
FRACTURE MECHANICS
ISOPARAMETRIC FINITE ELEMENTS
ITERATIVE SOLUTION
MATRICES (MATHEMATICS)
NASTRAN
PANEL METHOD (FLUID DYNAMICS)

FINITE IMPULSE RESPONSE FILTERS

USE FIR FILTERS

FINITE VOLUME METHOD

GS PROCEDURES
FINITE VOLUME METHOD
RT BOUNDARY VALUE PROBLEMS
∞ METHODOLOGY

FINITE-STATE MACHINES

USE TURING MACHINES

FINLAND

RT EUROPE
NATIONS

FINNED BODIES

RT AERODYNAMIC CONFIGURATIONS
∞ BODIES
BODIES OF REVOLUTION
COOLING FINS
FINS
HEAT EXCHANGERS
MISSILE BODIES
NOSE FINS
PROJECTILES
SYMMETRICAL BODIES

FINS

UF VERTICAL FINS
GS FINS
COOLING FINS
NOSE FINS
RT AERIAL RUDDERS
AIRFOILS
AIRFRAMES
∞ BLADES
CONTROL SURFACES
FINNED BODIES
HYDROFOILS
MISSILE COMPONENTS
RUDDERS
SAILS
STABILIZERS (FLUID DYNAMICS)
TAIL ASSEMBLIES
VANES
WINGLETS

FIORDS

GS LANDFORMS
FIORDS
RT CLIFFS
GEOLOGY
INLETS (TOPOGRAPHY)
NORWAY
OCEANOGRAPHY
WATER

FIR FILTERS

UF FINITE IMPULSE RESPONSE FILTERS
GS ELECTROMAGNETIC WAVE FILTERS
ELECTRIC FILTERS
DIGITAL FILTERS
FIR FILTERS
RT BANDPASS FILTERS
ELECTRONIC FILTERS
∞ FILTERS
MICROWAVE FILTERS
RADAR FILTERS

NASA THESAURUS (VOLUME 1)

FIR FILTERS-(CONT.)

RECURSIVE FUNCTIONS

FIRE CONTROL

SN (LIMITED TO CONTROL OF THE FIRING OF WEAPONS--EXCLUDES FIRE PREVENTION AND FIRE FIGHTING)
RT BOMBING EQUIPMENT
∞ CONTROL
FIRING (IGNITING)
GUNFIRE
GUNNERY TRAINING
RANGE FINDERS
WEAPON SYSTEMS
WEAPONS

FIRE CONTROL CIRCUITS

GS CIRCUITS
FIRE CONTROL CIRCUITS

FIRE DAMAGE

GS DAMAGE
FIRE DAMAGE
RT ASHES
CHARRING
COMBUSTION
FIRES
FLAMES
FUMES
SMOKE
SOOT

FIRE EXTINGUISHERS

UF CHEMICAL EXTINGUISHERS
EXTINGUISHERS
RT FIREBREAKS

FIRE FIGHTING

SN (EXCLUDES FIRE CONTROL--CONTROL OF THE FIRING OF WEAPONS)
RT FIREBREAKS

FIRE POINT

RT FLAMMABILITY
FLASH POINT
SPONTANEOUS COMBUSTION

FIRE PREVENTION

SN (EXCLUDES FIRE CONTROL--CONTROL OF THE FIRING OF WEAPONS)
GS PREVENTION
FIRE PREVENTION
RT ACCIDENT PREVENTION
EXPLOSION SUPPRESSION
FIREBREAKS
FIREPROOFING
FIRES
FOREST FIRES
HIGH PRESSURE OXYGEN
SAFETY
SAFETY DEVICES
SAFETY MANAGEMENT
SMOKE DETECTORS
SPONTANEOUS COMBUSTION
WARNING
WARNING SYSTEMS

∞ FIREBALLS

SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)*
RT BOLIDES
NUCLEAR EXPLOSIONS

FIREBEE 2 TARGET DRONE AIRCRAFT

GS DRONE VEHICLES
DRONE AIRCRAFT
TARGET DRONE AIRCRAFT
FIREBEE 2 TARGET DRONE AIRCRAFT
LIGHT AIRCRAFT
FIREBEE 2 TARGET DRONE AIRCRAFT
PILOTLESS AIRCRAFT
DRONE AIRCRAFT
TARGET DRONE AIRCRAFT
FIREBEE 2 TARGET DRONE AIRCRAFT
RESEARCH AIRCRAFT
FIREBEE 2 TARGET DRONE AIRCRAFT
RYAN AIRCRAFT
FIREBEE 2 TARGET DRONE AIRCRAFT
SUPERSONIC AIRCRAFT
FIREBEE 2 TARGET DRONE AIRCRAFT
RT ∞ MILITARY AIRCRAFT

FIREBEE 2 TARGET DRONE AIRCRAFT-(CONT.)

TARGETS
∞ WINGED VEHICLES

FIREBREAKS

RT CLEARINGS (OPENINGS)
COMBUSTION
CONSERVATION
FIRE EXTINGUISHERS
FIRE FIGHTING
FIRE PREVENTION
FIRES
FLAMES
FOREST FIRES
FORESTS

FIREFLIES

GS ANIMALS
... INVERTEBRATES
... ARTHROPODS
... INSECTS
... FIREFLIES

FIREPROOFING

RT FIRE PREVENTION
NONFLAMMABLE MATERIALS
SAFETY

FIRES

GS FIRES
... FOREST FIRES
ACCIDENTS
RT BACKFIRE
BURNS (INJURIES)
COMBUSTION
CONTROL SURFACES
DEFLAGRATION
EXPLOSIONS
EXPLOSIVES
FIBER RELEASE
FIRE DAMAGE
FIRE PREVENTION
FIREBREAKS
FIRING (IGNITING)
FLAMES
FLASHBACK
HAZARDS
SAFETY
SAINT ELMO FIRE
WARNING SYSTEMS

FIREWORKS

USE PYROTECHNICS

FIRING (IGNITING)

GS FIRING (IGNITING)
... ROCKET FIRING
... RETROFIRING
... TEST FIRING
... STATIC FIRING
RT BURNING TIME
DETONABLE GAS MIXTURES
DETONATION
DRYING
FIRE CONTROL
FIRES
FLAMMABLE GASES
GUNFIRE
IGNITION
STARTING

FIRING TIME

USE BURNING TIME

FIRST AID

RT ACCIDENTS
CHEMICAL DEFENSE
CURES
DISASTERS
KITS
MEDICAL EQUIPMENT
MEDICAL SCIENCE
MEDICAL SERVICES
RESUSCITATION
SPLINTS
STRETCHERS
TOURNIQUETS
TRANSFUSION

FISH

USE FISHES

FISHBOWL OPERATION

RT HIGH ALTITUDE TESTS

FISHBOWL OPERATION-(CONT.)

NUCLEAR EXPLOSIONS
∞ OPERATIONS
VELA SATELLITES

FISHERIES

RT AQUICULTURE
ESTUARIES
FISHES
MARINE BIOLOGY
MARINE RESOURCES
SEA WATER
SHALLOW WATER
TIDAL FLATS
WETLANDS

FISHES

UF FISH
GS ANIMALS
... VERTEBRATES
... FISHES
... SCHOOLS (FISH)
... SHARKS
RT AQUICULTURE
EARTH RESOURCES
FISHERIES
∞ FOOD
ICHTHYOLOGY
∞ NUTRIENTS
RED TIDE
SQUAMA

FISHTAILING

USE YAW

FISSILE FUELS

GS FUELS
... FISSILE FUELS
RT GASEOUS FISSION REACTORS
NUCLEAR FUELS
NUCLEAR REACTORS
RADIOACTIVE MATERIALS

FISSILE MATERIALS

USE FISSIONABLE MATERIALS

FISSION

RT BLANKETS (FISSION REACTORS)
FUEL PRODUCTION
NUCLEAR FUELS
SPLITTING

FISSION ELECTRIC CELLS

GS AUXILIARY POWER SOURCES
... NUCLEAR AUXILIARY POWER UNITS
... SNAP
... FISSILE ELECTRIC CELLS
... SNAP 2
... SNAP 4
... SNAP 8
... SNAP 10A
... SPACE POWER REACTORS
... FISSILE ELECTRIC CELLS
... SNAP 2
... SNAP 4
... SNAP 8
... SNAP 10A
NUCLEAR ELECTRIC POWER
GENERATION
... NUCLEAR AUXILIARY POWER UNITS
... SNAP
... FISSILE ELECTRIC CELLS
... SNAP 2
... SNAP 4
... SNAP 8
... SNAP 10A
... SPACE POWER REACTORS
... FISSILE ELECTRIC CELLS
... SNAP 2
... SNAP 4
... SNAP 8
... SNAP 10A
NUCLEAR REACTORS
... NUCLEAR POWER REACTORS
... SPACE POWER REACTORS
... FISSILE ELECTRIC CELLS
... SNAP 2
... SNAP 4
... SNAP 8
... SNAP 10A
NUCLEAR REACTORS
... NUCLEAR POWER REACTORS
... SPACE POWER REACTORS
... FISSILE ELECTRIC CELLS
... SNAP 2
... SNAP 4

FISSION ELECTRIC CELLS-(CONT.)

... SNAP 8
... SNAP 10A
RT ∞ ELECTRIC CELLS
RADIOISOTOPE BATTERIES
SPACE POWER UNIT REACTORS

FISSION PRODUCTS

RT FALLOUT
HIGH ENERGY INTERACTIONS
NUCLEAR FISSION
NUCLEAR PARTICLES
NUCLEAR PUMPING
NUCLEAR RADIATION
PRODUCTS
RADIOACTIVE MATERIALS
RADIOACTIVE WASTES
RADIOACTIVITY

FISSION WEAPONS

UF ATOMIC BOMBS
GS WEAPONS
... NUCLEAR WEAPONS
... FISSION WEAPONS
RT FALLOUT
NUCLEAR DEVICES
THERMONUCLEAR EXPLOSIONS

FISSIONABLE MATERIALS

UF FISSILE MATERIALS
RT GASEOUS FISSION REACTORS
∞ MATERIALS
NOZZLE FLOW
NUCLEAR FUELS
PLUTONIUM
RADIOACTIVE MATERIALS
URANIUM

FISSION

GS FUELS
... NUCLEAR FUELS
... FISSILE

FISSIONS (GEOLOGY)

RT FOLDS (GEOLOGY)
GEOLOGICAL FAULTS
STRUCTURAL PROPERTIES (GEOLOGY)
TECTONICS

FITNESS

GS FITNESS
... FLIGHT FITNESS
... PHYSICAL FITNESS
RT QUALIFICATIONS

FITTING

RT ADAPTATION
ADJUSTING
ALIGNMENT
ASSEMBLING
FITTINGS
GOODNESS OF FIT
∞ JOINING
MATCHING
POSITIONING

FITTINGS.

RT ACCESSORIES
ADAPTERS
CLOSURES
CONNECTORS
COUPLINGS
EXTENSIONS
FASTENERS
FITTING
INSERTS
JOINTS (JUNCTIONS)
LINKAGES
SLEEVES
U BENDS
UNIONS (CONNECTORS)

FITZGERALD-LORENTZ CONTRACTION

USE LORENTZ CONTRACTION

FIX

USE FIXING

FIXED POINT ARITHMETIC

GS NUMBER THEORY
... ARITHMETIC
... FIXED POINT ARITHMETIC
RT COMPUTER PROGRAMS
COMPUTERS

FIXED POINTS (MATHEMATICS)

FIXED POINT ARITHMETIC-(CONT.) DATA PROCESSING

FIXED POINTS (MATHEMATICS)

- GS GEOMETRY
 - . EUCLIDEAN GEOMETRY
 - . . POINTS (MATHEMATICS)
 - . . . FIXED POINTS (MATHEMATICS)
 - . . . TOPOLOGY
 - FIXED POINTS (MATHEMATICS)
- RT MANIFOLDS (MATHEMATICS)
MAPPING

FIXED WINGS

- UF FIXED-WING AIRCRAFT
- GS AIRFOILS
 - . WINGS
 - . . FIXED WINGS
- RT CAMBERED WINGS
CRUCIFORM WINGS
FLEXIBLE WINGS
LOW ASPECT RATIO WINGS
RIGID WINGS
SLENDER WINGS
SWEEP WINGS
THIN WINGS
TWISTED WINGS
UNCAMBERED WINGS
UNSWEPT WINGS

FIXED-WING AIRCRAFT

- USE AIRCRAFT CONFIGURATIONS
FIXED WINGS

∞FIXING

- SN *(USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)*
- UF FIX
- RT MAINTENANCE
NAVIGATION
POSITION (LOCATION)
POSITIONING

FIXTURES

- RT BRACKETS
HARDWARE
JIGS
LUMINAIRES
TOOLS

FIZEAU EFFECT

- RT DOPPLER EFFECT
DOPPLER-FIZEAU EFFECT

FLAGELLATA

- GS ANIMALS
 - . INVERTEBRATES
 - . . PROTOZOA
 - . . . FLAGELLATA
 - COLPIDIA
 - TRYPANOSOME
- MICROORGANISMS
 - . PROTOZOA
 - . . FLAGELLATA
 - . . . COLPIDIA
 - TRYPANOSOME

FLAKES

- GS PARTICLES
 - . FLAKES
- RT FLAKING
METAL POWDER
POWDER (PARTICLES)

FLAKING

- RT ATOMIZING
CHIPPING
COMMINUTION
CUTTING
DISINTEGRATION
FLAKES
FRACTURING
PEELING
- ∞SEPARATION
SPALLING
SPLITTING
WEAR

FLAME CALORIMETERS

- GS MEASURING INSTRUMENTS
 - . CALORIMETERS
 - . . FLAME CALORIMETERS
- RT BOMB CALORIMETERS

FLAME CALORIMETERS-(CONT.)

- DROP CALORIMETERS
- HEAT MEASUREMENT
- HIGH TEMPERATURE TESTS
- TEMPERATURE MEASURING
INSTRUMENTS

FLAME DEFLECTORS

- GS DEFLECTORS
 - . FLAME DEFLECTORS
- RT BACKFIRE
BAFFLES
BLAST DEFLECTORS
DIVERTERS
FLASHBACK
LAUNCHING PADS
SAFETY DEVICES
SHIELDING
TEST STANDS

FLAME FRONTS

- USE FLAME PROPAGATION

FLAME HOLDERS

- GS HOLDERS
 - . FLAME HOLDERS
- RT COMBUSTION CHAMBERS
FLAMEOUT
FLAMES

FLAME INTERACTION

- USE CHEMICAL REACTIONS
FLAME PROPAGATION

FLAME IONIZATION

- GS IONIZATION
 - . GAS IONIZATION
 - . . FLAME IONIZATION

FLAME PLATING

- GS PLATING
 - . FLAME PLATING
- RT COATING
WELDING

FLAME PROBES

- GS MEASURING INSTRUMENTS
 - . FLAME PROBES
- RT GAS ANALYSIS
MANOMETERS
TEMPERATURE MEASURING
INSTRUMENTS

FLAME PROPAGATION

- UF CHAPMAN-JOUGET FLAME
COMBUSTION WAVES
FLAME FRONTS
FLAME INTERACTION
PROPAGATION (EXTENSION)
 - . FLAME PROPAGATION
- RT BACKFIRE
BOUNDARY LAYER COMBUSTION
BURNING RATE
COMBUSTIBLE FLOW
COMBUSTION
COMBUSTION PHYSICS
DETONATION
DETONATION WAVES
EXPLOSIONS
FLAMES
FLAMMABILITY
FLASHBACK
GAS EXPLOSIONS
GAS-METAL INTERACTIONS
IGNITION
PREMIXED FLAMES
PRESSURE OSCILLATIONS
PRESSURE PULSES
- ∞PROPAGATION

FLAME QUENCHING

- USE EXTINGUISHING
QUENCHING (COOLING)

FLAME RETARDANTS

- GS RETARDANTS
 - . FLAME RETARDANTS
- RT ANTIMISTING FUELS
FABRICS
FLAMMABILITY
IGNITION LIMITS
INORGANIC COMPOUNDS
SYNTHETIC FIBERS

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FLAME SPECTROSCOPY

- GS SPECTROSCOPY
 - . GAS SPECTROSCOPY
 - . . FLAME SPECTROSCOPY
 - . . . SPECTROSCOPIC ANALYSIS
 - . . . FLAME SPECTROSCOPY
SPECTRUM ANALYSIS
- RT EMISSION SPECTRA
LINE SPECTRA
OPTOGALVANIC SPECTROSCOPY
QUALITATIVE ANALYSIS

FLAME SPRAYING

- GS SPRAYING
 - . FLAME SPRAYING
- RT COATING
COATINGS
METAL SPRAYING
METALLIZING
PLASMA SPRAYING

FLAME STABILITY

- GS DYNAMIC CHARACTERISTICS
 - . DYNAMIC STABILITY
 - . . COMBUSTION STABILITY
 - . . . FLAME STABILITY
 - . . . MOTION STABILITY
 - . . . FLOW STABILITY
 - FLAME STABILITY
 - FLOW CHARACTERISTICS
 - FLOW STABILITY
 - FLAME STABILITY
 - STABILITY
 - DYNAMIC STABILITY
 - COMBUSTION STABILITY
 - FLAME STABILITY
 - MOTION STABILITY
 - FLOW STABILITY
 - FLAME STABILITY
- RT FLAMEOUT

FLAME TEMPERATURE

- GS TEMPERATURE
 - . FLAME TEMPERATURE
- RT COMBUSTION TEMPERATURE

FLAMEOUT

- RT COMBUSTION
COMBUSTION CHAMBERS
EXTINGUISHING
FLAME HOLDERS
FLAME STABILITY
GAS TURBINE ENGINES
JET ENGINES

FLAMES

- UF JET FLAMES
LAMINAR FLAMES
- GS FLAMES
 - . DIFFUSION FLAMES
 - . . PREMIXED FLAMES
- RT COMBUSTION
FIRE DAMAGE
FIREBREAKS
FIRES
FLAME HOLDERS
FLAME PROPAGATION
- ∞FLARES
FOREST FIRES
FUELS
SMOG

FLAMMABILITY

- UF COMBUSTIBILITY
BURNING RATE
- RT COMBUSTION
DETONABLE GAS MIXTURES
FIRE POINT
FLAME PROPAGATION
FLAME RETARDANTS
FLAMMABLE GASES
FLASH POINT
IGNITION
IGNITION LIMITS
IGNITION TEMPERATURE
PYROPHORIC MATERIALS
- ∞RESISTANCE
SPONTANEOUS COMBUSTION

FLAMMABLE GASES

- UF EXPLOSIVE GASES
- GS GASES
 - . FLAMMABLE GASES
 - . . LIQUEFIED NATURAL GAS

FLAMMABLE GASES-(CONT.)

RT . . PYROGEN
 . . CHEMICAL EXPLOSIONS
 . . DETONABLE GAS MIXTURES
 . . EXPLOSIVES
 . . FIRING (IGNITING)
 . . FLAMMABILITY
 . . GAS EXPLOSIONS
 . . HAZARDS

FLANGE WRINKLING

GS WRINKLING
 RT . **FLANGE WRINKLING**
 . . BUCKLING

FLANGES

RT CONNECTORS
 . . METAL PLATES

FLAP CONTROL

USE AIRCRAFT CONTROL
 . . FLAPS (CONTROL SURFACES)

FLAPPING

RT FLUTTER
 . . RESONANT VIBRATION
 . . ROTOR AERODYNAMICS
 . . SHAKING
 . . UNDAMPED OSCILLATIONS
 . . VIBRATION
 . . WING OSCILLATIONS

FLAPPING HINGES

GS HINGES
 . . **FLAPPING HINGES**
 RT ROTARY WINGS
 . . ROTOR AERODYNAMICS

FLAPS (CONTROL SURFACES)

UF FLAP CONTROL
 GS AIRFOILS
 . . **FLAPS (CONTROL SURFACES)**
 EXTERNALLY BLOWN FLAPS
 UPPER SURFACE BLOWN FLAPS
 JET FLAPS
 SPLIT FLAPS
 WING FLAPS
 LEADING EDGE SLATS
 TRAILING-EDGE FLAPS
 VORTEX FLAPS
 CONTROL SURFACES
 **FLAPS (CONTROL SURFACES)**
 EXTERNALLY BLOWN FLAPS
 UPPER SURFACE BLOWN FLAPS
 JET FLAPS
 SPLIT FLAPS
 WING FLAPS
 LEADING EDGE FLAPS
 LEADING EDGE SLATS
 TRAILING-EDGE FLAPS
 RT AERODYNAMIC BRAKES
 . . BRAKES (FOR ARRESTING MOTION)
 . . DELAYED FLAP APPROACH
 . . DRAG DEVICES
 . . GAW-2 AIRFOIL
 . . LIFT DEVICES
 . . SPOILERS

FLARE STARS

UF UV CETI STARS
 GS CELESTIAL BODIES
 . . STARS
 DWARF STARS
 **FLARE STARS**
 M STARS
 **FLARE STARS**
 RT SOLAR FLARES
 . . STELLAR FLARES
 . . VARIABLE STARS

FLARED BODIES

RT AFTERBODIES
 . . AIRCRAFT CONFIGURATIONS
 ∞ FLARES
 . . SPACECRAFT CONFIGURATIONS
 . . SYMMETRICAL BODIES

∞ FLARES

SN *(USE OF A MORE SPECIFIC TERM IS
 RECOMMENDED--CONSULT THE TERMS
 LISTED BELOW)*
 RT FLAMES
 . . FLARED BODIES
 . . ILLUMINATING

FLARES-(CONT.)

LIGHTING EQUIPMENT
 LUMINAIRES
 PYROTECHNICS
 RUNWAY LIGHTS
 SOLAR FLARES
 SOLAR MAXIMUM MISSION
 SOLAR TERRESTRIAL INTERACTIONS
 STELLAR FLARES

∞ FLASH

SN *(USE OF A MORE SPECIFIC TERM IS
 RECOMMENDED--CONSULT THE TERMS
 LISTED BELOW)*
 UF LIGHT DURATION
 RT ELECTRIC DISCHARGES
 . . EXPLOSIONS
 . . FLASH WELDING
 . . FLASHING (VAPORIZING)
 . . LIGHT (VISIBLE RADIATION)
 . . RADIOGRAPHY
 . . SOLAR FLARES

FLASH BLINDNESS

GS BLINDNESS
 . . **FLASH BLINDNESS**
 RT EYE PROTECTION
 . . LIGHT ADAPTATION
 . . VISION

FLASH LAMPS

UF FLASH TUBES
 GS LIGHTING EQUIPMENT
 . . LUMINAIRES
 **FLASH LAMPS**
 ALKALI VAPOR LAMPS
 RT LIGHT SOURCES
 . . XENON LAMPS

FLASH POINT

GS TEMPERATURE
 . . IGNITION TEMPERATURE
 **FLASH POINT**
 RT COMBUSTION TEMPERATURE
 . . FIRE POINT
 . . FLAMMABILITY
 . . IGNITION
 . . SPONTANEOUS COMBUSTION
 . . VAPOR PRESSURE
 . . VOLATILITY

FLASH TUBES

USE FLASH LAMPS

FLASH WELDING

GS WELDING
 . . **FLASH WELDING**
 RT ELECTRIC WELDING
 ∞ FLASH
 . . FUSION WELDING
 . . PRESSURE WELDING

FLASHBACK

RT BACKFIRE
 . . COMBUSTION
 . . DEFLAGRATION
 . . EXPLOSIONS
 . . FIRES
 . . FLAME DEFLECTORS
 . . FLAME PROPAGATION

FLASHING (VAPORIZING)

GS PHASE TRANSFORMATIONS
 . . VAPORIZING
 **FLASHING (VAPORIZING)**
 RT DISTILLATION
 . . EVAPORATION
 ∞ FLASH
 . . PREVAPORIZATION
 ∞ SEPARATION

FLASHOVER

GS ELECTRIC CURRENT
 . . ELECTRIC DISCHARGES
 **FLASHOVER**
 RT ELECTRIC ARCS
 . . ELECTRIC SPARKS
 . . ELECTRICAL FAULTS
 . . FAILURE

FLASKS

RT BOTTLES
 . . GLASSWARE

FLAT COAXIAL TRANSMISSION LINES

USE MICROSTRIP TRANSMISSION LINES

FLAT CONDUCTORS

GS CONDUCTORS
 . . **FLAT CONDUCTORS**
 RT BUS CONDUCTORS
 . . CIRCUITS
 . . CONNECTORS
 . . ELECTRIC CONNECTORS
 . . ELECTRIC CONTACTS
 . . ELECTRIC WIRE
 . . WIRE
 . . WIRING

FLAT LAYERS

RT FLATNESS
 ∞ LAYERS
 . . PLANAR STRUCTURES
 . . STRATA
 . . STRATIFICATION

FLAT PATTERNS

RT CASTINGS
 . . MOLDS

FLAT PLATES

GS STRUCTURAL MEMBERS
 . . **FLAT PLATES**
 RT ANNULAR PLATES
 . . BLASIUS EQUATION
 . . BLASIUS FLOW
 . . CIRCULAR PLATES
 . . DYNAMIC STRUCTURAL ANALYSIS
 . . END PLATES
 . . FLATNESS
 . . FLUID MECHANICS
 . . HEAT TRANSFER
 . . METAL PLATES
 . . PANELS
 . . PARALLEL PLATES
 . . PLANAR STRUCTURES
 . . PLATE THEORY
 ∞ PLATES
 . . PLATES (STRUCTURAL MEMBERS)
 . . RECTANGULAR PLATES
 ∞ SHEETS
 . . SLABS
 . . THICK PLATES
 . . THIN PLATES

FLAT SURFACES

UF FACETS
 RT COSSERAT SURFACES
 . . FLATNESS
 . . PLANAR STRUCTURES
 ∞ SURFACE GEOMETRY
 . . SURFACE PROPERTIES
 ∞ SURFACES

FLATNESS

GS SHAPES
 . . **FLATNESS**
 RT CONCAVITY
 . . CONTOURS
 . . CONVEXITY
 . . FLAT LAYERS
 . . FLAT PLATES
 . . FLAT SURFACES
 . . FLATTENING
 . . INTERFEROMETERS
 . . MECHANICAL PROPERTIES
 . . PLANAR STRUCTURES
 . . ROUGHNESS
 ∞ SURFACE GEOMETRY

FLATS (LANDFORMS)

UF ADOBE FLATS
 . . SALT FLATS
 GS LANDFORMS
 . . **FLATS (LANDFORMS)**
 TIDAL FLATS
 RT EARTH RESOURCES
 . . MARSHLANDS
 . . MESAS
 . . PLAINS
 . . SALT BEDS

FLATTENING

RT DUCTILITY
 . . ELLIPTICITY
 . . FLATNESS
 . . LEVELING
 . . METAL WORKING
 . . OBLATE SPHEROIDS

FLATWORMS

FLATTENING-(CONT.)

- ∞ ROLLING
- SMOOTHING

FLATWORMS

- GS ANIMALS
 - . INVERTEBRATES
 - . . . WORMS
 - FLATWORMS
- RT INFESTATION

FLAW DETECTION

- USE NONDESTRUCTIVE TESTS

FLAWS

- USE DEFECTS

FLEET BALLISTIC MISSILES

- UF FBM (MISSILES)
- GS MISSILES
 - . SURFACE TO SURFACE MISSILES
 - . . FLEET BALLISTIC MISSILES
 - . . . POLARIS A1 MISSILE
 - . . . POLARIS A2 MISSILE
 - . . . POLARIS A2A MISSILE
 - . . . POLARIS A3 MISSILE
 - . . . POSEIDON MISSILES
 - . . . SUBROC MISSILE
- RT BALLISTIC MISSILE SUBMARINES
 - . GUIDED MISSILE SUBMARINES
 - . INTERCONTINENTAL BALLISTIC MISSILES
 - . INTERMEDIATE RANGE BALLISTIC MISSILES
 - . SEA LAUNCHING

FLEET SATELLITE COMMUNICATION SYSTEM

- UF FLEETSATCOM
 - . FLTSATCOM
- GS TELECOMMUNICATION
 - . DEFENSE COMMUNICATIONS SATELLITE SYSTEM
 - . . FLEET SATELLITE COMMUNICATION SYSTEM
- RT COMMUNICATION SATELLITES
 - . MARISAT SATELLITES
 - . MICROWAVE TRANSMISSION
 - . MILITARY TECHNOLOGY
 - . NASCOM NETWORK
 - . NAVY
 - . RADIO COMMUNICATION SATELLITES
 - . TELECOMMUNICATION
 - . ULTRAHIGH FREQUENCIES

FLEETSATCOM

- USE FLEET SATELLITE COMMUNICATION SYSTEM

FLEXIBILITY

- UF NONRIGIDITY
- GS MECHANICAL PROPERTIES
 - . FLEXIBILITY
- RT BENDING
 - . ELASTIC PROPERTIES
 - . FLEXING
 - . NONUNIFORMITY
 - . PLASTIC PROPERTIES
- ∞ RIGIDITY
 - . SOFTNESS
 - . STIFFNESS
 - . VERSATILITY

FLEXIBLE BODIES

- GS FLEXIBLE BODIES
 - . FLEXIBLE SPACECRAFT
- RT ∞ BODIES
 - . HYBRID STRUCTURES
 - . INFLATABLE STRUCTURES

FLEXIBLE SPACECRAFT

- GS AEROSPACE VEHICLES
 - . FLEXIBLE SPACECRAFT
 - . FLEXIBLE BODIES
 - . . FLEXIBLE SPACECRAFT
- RT ARTIFICIAL SATELLITES
 - . DISPLACEMENT
 - . EARTH SATELLITES
 - . ELASTIC DEFORMATION
 - . FLEXING
 - . LARGE SPACE STRUCTURES
 - . SATELLITE CONTROL
 - . SATELLITE ORIENTATION
 - . SATELLITE ROTATION
 - . SATELLITES

FLEXIBLE SPACECRAFT-(CONT.)

- SHAPE CONTROL
- ∞ SPACECRAFT
 - . SPACECRAFT CONTROL
 - . SPACECRAFT MOTION
 - . STRUCTURAL VIBRATION
 - . VIBRATION DAMPING

FLEXIBLE WINGS

- UF ROGALLO WINGS
- GS AIRFOILS
 - . WINGS
 - . . FLEXIBLE WINGS
 - . . . PARAWINGS
- RT FIXED WINGS
 - . GLIDERS
 - . HANG GLIDERS
 - . INFINITE SPAN WINGS
 - . INFLATABLE STRUCTURES
 - . RIGID WINGS
 - . THIN WINGS
 - . TWISTED WINGS
 - . XV-8A AIRCRAFT

FLEXING

- UF FLEXURE
- RT BENDING
 - . CAMBER
 - . ∞ CHAMBERS
 - . CURVATURE
 - . DEFLECTION
 - . DEFORMATION
 - . DISTORTION
 - . FLEXIBILITY
 - . FLEXIBLE SPACECRAFT
 - . FOLDING
 - . HEAVING
 - . LOADING MOMENTS

FLEXORS

- GS ANATOMY
 - . MUSCULOSKELETAL SYSTEM
- . FLEXORS
- RT JOINTS (ANATOMY)

FLEXOWRITERS (TRADEMARK)

- USE AUTOMATIC TYPEWRITERS

FLEXURE

- USE FLEXING

FLICKER

- RT CRITICAL FLICKER FUSION
- . LIGHT TRANSMISSION

FLICKER FUSION FREQUENCY

- USE CRITICAL FLICKER FUSION

∞ FLIGHT

- SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED-CONSULT THE TERMS LISTED BELOW)*
- UF FLYING
 - . HIGH ALTITUDE FLIGHT
 - . HIGH SPEED FLIGHT
- RT AERODYNAMICS
 - . BALLOON FLIGHT
 - . CLIMBING FLIGHT
 - . COASTING FLIGHT
 - . CRUISING FLIGHT
 - . FLIGHT ALTITUDE
 - . FLIGHT CONTROL
 - . FLIGHT MECHANICS
 - . FLIGHT OPTIMIZATION
 - . FLIGHT PATHS
 - . FLIGHT SAFETY
 - . FLIGHT TESTS
 - . FLIGHT TIME
 - . FREE FLIGHT
 - . GLIDING
 - . HORIZONTAL FLIGHT
 - . HYPERSONIC FLIGHT
 - . LONG DURATION SPACE FLIGHT
 - . LUNAR FLIGHT
 - . METEOROLOGICAL FLIGHT
 - . PARABOLIC FLIGHT
 - . ROCKET FLIGHT
 - . SOARING
 - . SPACE FLIGHT
 - . STEERING
 - . SUBORBITAL FLIGHT
 - . SUPERSONIC FLIGHT
 - . TRAJECTORIES
 - . TRANSOCEANIC FLIGHT
 - . TRANSONIC FLIGHT

FLIGHT-(CONT.)

- TURNING FLIGHT
- VERTICAL FLIGHT
- VISUAL FLIGHT

FLIGHT ALTITUDE

- GS ALTITUDE
 - . FLIGHT ALTITUDE
- RT AIR TRAFFIC CONTROL
 - . CEILING (AIRCRAFT CAPABILITY)
 - . MIDALTITUDE

FLIGHT CHARACTERISTICS

- UF FLIGHT PERFORMANCE
 - . FLYING QUALITIES
- RT AERODYNAMICS
 - . AIRCRAFT MANEUVERS
 - . AIRCRAFT PERFORMANCE
 - . AIRCRAFT SPECIFICATIONS
 - . AIRSPEED
 - . BUFFETING
 - . CEILING (AIRCRAFT CAPABILITY)
 - . ∞ CHARACTERISTICS
 - . CONTROLLABILITY
 - . FLUTTER
 - . HELICOPTER PERFORMANCE
 - . LOW SPEED STABILITY
 - . MANEUVERABILITY
 - . ∞ PERFORMANCE
 - . QUALITY

FLIGHT CLOTHING

- GS CLOTHING
 - . FLIGHT CLOTHING
- RT COVERALLS
 - . GARMENTS
 - . GOGGLES
 - . HELMETS
 - . PRESSURE SUITS
 - . PROTECTIVE CLOTHING

FLIGHT COMPUTERS

- USE AIRBORNE/SPACEBORNE COMPUTERS

FLIGHT CONDITIONS

- GS CONDITIONS
 - . FLIGHT CONDITIONS
- RT CLOUD COVER
 - . INSTRUMENT FLIGHT RULES
 - . METEOROLOGICAL SERVICES
 - . STORMS (METEOROLOGY)
 - . VISUAL FLIGHT
 - . WEATHER FORECASTING

FLIGHT CONTROL

- GS FLIGHT CONTROL
 - . AUTOMATIC FLIGHT CONTROL
 - . . AUTOMATIC LANDING CONTROL
 - . FLY BY TUBE CONTROL
 - . FLY BY WIRE CONTROL
 - . POINTING CONTROL SYSTEMS
 - . . ANNULAR SUSPENSION AND POINTING SYSTEM
 - . THRUST VECTOR CONTROL
- RT ACROBATICS
 - . AIR TRAFFIC CONTROL
 - . AIRCRAFT CONTROL
 - . AIRCRAFT INSTRUMENTS
 - . AIRCRAFT SURVIVABILITY
 - . ATTITUDE CONTROL
 - . ATTITUDE INDICATORS
 - . AUTOMATED EN ROUTE ATC
 - . AUTOMATIC CONTROL
 - . AUTOMATIC PILOTS
 - . ∞ CONTROL
 - . CONTROL CONFIGURED VEHICLES
 - . CONTROL STABILITY
 - . CONTROL STICKS
 - . CONTROL SURFACES
 - . DISPLAY DEVICES
 - . ENTRY GUIDANCE (STS)
 - . FLIGHT CHARACTERISTICS
 - . GROUND BASED CONTROL
 - . GROUND SUPPORT EQUIPMENT
 - . GUIDANCE (MOTION)
 - . HELICOPTER CONTROL
 - . IN-FLIGHT MONITORING
 - . INSTRUMENT APPROACH
 - . INSTRUMENT LANDING SYSTEMS
 - . MANEUVERABILITY
 - . MANEUVERS
 - . MISSILE CONTROL
 - . NAVIGATION
 - . NAVIGATION AIDS
 - . NAVIGATION INSTRUMENTS

FLIGHT CONTROL-(CONT.)

RADIO NAVIGATION
REMOTE CONTROL
ROCKET ENGINE CONTROL
SOLAR COMPASSES
SPACECRAFT CONTROL
STABILITY AUGMENTATION
TURBOJET ENGINE CONTROL

FLIGHT CREWS

UF AIRCREWS
GS PERSONNEL
 . CREWS
 . . . **FLIGHT CREWS**
 . . . SPACECREWS
 . FLYING PERSONNEL
 . . . **FLIGHT CREWS**
 . . . SPACECREWS
RT AIRCRAFT PILOTS
 CREW PROCEDURES (INFLIGHT)
 CREW PROCEDURES (PREFLIGHT)
 CREW SIZE
 NAVIGATORS
 PILOTS (PERSONNEL)

FLIGHT FATIGUE

GS FATIGUE (BIOLOGY)
 . **FLIGHT FATIGUE**

FLIGHT FITNESS

GS FITNESS
 . **FLIGHT FITNESS**
RT ∞ **FLIGHT STRESS**
 FLYING PERSONNEL
 PHYSICAL EXAMINATIONS
 PHYSICAL FITNESS

FLIGHT HAZARDS

GS HAZARDS
 . **FLIGHT HAZARDS**
 . . . METEOROID HAZARDS
RT AIR PIRACY
 AIR TRAFFIC
 AIRCRAFT ACCIDENTS
 AIRCRAFT HAZARDS
 AIRCRAFT SAFETY
 AIRCRAFT SPIN
 BIRD-AIRCRAFT COLLISIONS
 BIRDS
 COLLISIONS
 CRASH LANDING
 CRASHES
 DESTRUCTION
 MIDAIR COLLISIONS
 NOISE (SOUND)
 OPERATIONAL HAZARDS
 TOXIC HAZARDS
 WEATHER

FLIGHT INSTRUMENTS

GS **FLIGHT INSTRUMENTS**
 . APPROACH INDICATORS
 . ATTITUDE INDICATORS
 . . . GYRO HORIZONS
 . AUTOMATIC PILOTS
 . FLIGHT TEST INSTRUMENTS
 . HORIZON SCANNERS
 . RADIO ALTIMETERS
RT AIR NAVIGATION
 AIRBORNE EQUIPMENT
 AIRCRAFT CONTROL
 AIRCRAFT EQUIPMENT
 AIRCRAFT INSTRUMENTS
 ALTIMETERS
 BUBBLE TECHNIQUE
 COMPASSES
 DISPLAY DEVICES
 ENGINE CONTROL
 ENGINE MONITORING INSTRUMENTS
 HEAD-UP DISPLAYS
 INSTRUMENT APPROACH
 INSTRUMENT FLIGHT RULES
 INSTRUMENT LANDING SYSTEMS
∞ **INSTRUMENTS**
 LANDING INSTRUMENTS
 LIGHT AIRBORNE MULTIPURPOSE
 SYSTEM
 MEASURING INSTRUMENTS
 NAVIGATION INSTRUMENTS
 NIGHT FLIGHTS (AIRCRAFT)
 ONBOARD EQUIPMENT
 POSITION INDICATORS
 RADAR
 RADIO DIRECTION FINDERS
 RATE OF CLIMB INDICATORS

FLIGHT INSTRUMENTS-(CONT.)

RECORDING INSTRUMENTS
SATELLITE INSTRUMENTS
SOLAR COMPASSES
SPACECRAFT INSTRUMENTS
SPACECRAFT POSITION INDICATORS
SPEED INDICATORS
STAR TRACKERS
TERCOM

FLIGHT LOAD RECORDERS

GS MEASURING INSTRUMENTS
 . **FLIGHT LOAD RECORDERS**
 RECORDING INSTRUMENTS
RT **FLIGHT LOAD RECORDERS**
 STRAIN GAGES

FLIGHT MECHANICS

RT AERODYNAMICS
 ASCENT TRAJECTORIES
 DESCENT TRAJECTORIES
∞ MECHANICS (PHYSICS)
 MISSILE TRAJECTORIES
 ORBIT CALCULATION
 ORBIT DECAY
 ORBITAL MECHANICS
∞ PLATFORMS
 REENTRY TRAJECTORIES
 RENDEZVOUS
 RENDEZVOUS TRAJECTORIES
 SPACE FLIGHT
 SPACE MECHANICS
 SPACECRAFT REENTRY
 SPACECRAFT TRAJECTORIES
 THRUST PROGRAMMING
 TRAJECTORIES
 TRAJECTORY MEASUREMENT
 TRAJECTORY OPTIMIZATION

FLIGHT NURSES

GS PERSONNEL
 . MEDICAL PERSONNEL
RT **FLIGHT NURSES**
 CREWS

FLIGHT OPERATIONS

GS **FLIGHT OPERATIONS**
 . CREW PROCEDURES (INFLIGHT)
RT AIRCRAFT MAINTENANCE
 CREW PROCEDURES (PREFLIGHT)
 GROUND HANDLING
 ONBOARD EQUIPMENT
 REFUELING

FLIGHT OPTIMIZATION

GS OPTIMIZATION
 . **FLIGHT OPTIMIZATION**
RT BURNING TIME
 EARTH-VENUS TRAJECTORIES
 GREAT CIRCLES
 ORBITAL MECHANICS
 ORBITS
 PARKING ORBITS
 SPACE FLIGHT
 THRUST PROGRAMMING
 TRAJECTORIES
 TRAJECTORY OPTIMIZATION

FLIGHT PATHS

GS **FLIGHT PATHS**
 . GLIDE PATHS
RT ACCORDION PROJECT
 AIR NAVIGATION
 AIR TRAFFIC
 AIR TRAFFIC CONTROL
 AIRCRAFT INSTRUMENTS
 AIRCRAFT MANEUVERS
 AIRSPACE
 APPROACH
 APPROACH CONTROL
 AREA NAVIGATION
 CAUSTIC LINES
 CLIMBING FLIGHT
 COLLISION AVOIDANCE
 COLLISIONS
 DELAYED FLAP APPROACH
 DESCENT
∞ DRIFT
 GLIDING
 GLOBAL POSITIONING SYSTEM
 GREAT CIRCLES
 GROUND TRACKS
 GUIDANCE (MOTION)
 HORIZONTAL FLIGHT
 MISSILE TRAJECTORIES

FLIGHT PATHS-(CONT.)

NATIONAL AIRSPACE UTILIZATION
 SYSTEM
 NAVIGATION
 NAVIGATION AIDS
 ORBITS
∞ PATHS
 REENTRY
 ROCKET FLIGHT
 SATELLITE GROUND TRACKS
 SOLAR COMPASSES
 TACAN
 TRAJECTORIES
 TURNING FLIGHT
 UNCONTROLLED REENTRY
 (SPACECRAFT)
 VERTICAL FLIGHT
 VISUAL FLIGHT

FLIGHT PERFORMANCE

USE FLIGHT CHARACTERISTICS

FLIGHT PLANS

RT AIR NAVIGATION
 AIR TRAFFIC
 AIR TRAFFIC CONTROL
 APPROACH
 INSTRUMENT FLIGHT RULES
 NATIONAL AIRSPACE UTILIZATION
 SYSTEM
∞ PLANS
 ROUTES
 THRUST PROGRAMMING
 WEATHER

FLIGHT RECORDERS

GS AIRCRAFT INSTRUMENTS
 . **FLIGHT RECORDERS**
 MEASURING INSTRUMENTS
 . **FLIGHT RECORDERS**
 RECORDING INSTRUMENTS
 . **FLIGHT RECORDERS**

FLIGHT RULES

GS RULES
 . **FLIGHT RULES**
 . . . INSTRUMENT FLIGHT RULES
 . . . VISUAL FLIGHT RULES
RT AIR NAVIGATION
 AIR TRAFFIC CONTROL
 COLLISION AVOIDANCE
 NATIONAL AIRSPACE UTILIZATION
 SYSTEM
 NATIONAL AVIATION SYSTEM
 NOISE REDUCTION

FLIGHT SAFETY

GS SAFETY
 . **FLIGHT SAFETY**
RT AEROSPACE SAFETY
 AIR PIRACY
 AIR TRAFFIC CONTROL
 AIRCRAFT HAZARDS
 AIRCRAFT SAFETY
 ALL-WEATHER LANDING SYSTEMS
 COLLISION AVOIDANCE
 CRASHES
 CRASHWORTHINESS
 DESTRUCTION
∞ FLIGHT
∞ FLIGHT STRESS
 FLYING EJECTION SEATS
 MIDAIR COLLISIONS
 ONBOARD EQUIPMENT
 SAFETY DEVICES
 SELF SEALING
 VISUAL FLIGHT

FLIGHT SIMULATION

GS . SIMULATION . . .
 . EXHAUST FLOW SIMULATION
 . . . **FLIGHT SIMULATION**
RT ACOUSTIC SIMULATION
 ALTITUDE SIMULATION
 ANALOG SIMULATION
 COMPUTERIZED SIMULATION .
 CONTROL SIMULATION
 ENVIRONMENT SIMULATION
 LANDING SIMULATION
 SPACE ENVIRONMENT SIMULATION
 SPACE FLIGHT
 SYSTEMS SIMULATION
 TRAINING SIMULATORS
 WEIGHTLESSNESS SIMULATION

FLIGHT SIMULATORS

FLIGHT SIMULATORS

GS SIMULATORS
 . TRAINING SIMULATORS
 . . . **FLIGHT SIMULATORS**
 . . . COCKPIT SIMULATORS
 RT ATMOSPHERIC ENTRY SIMULATION
 CENTRIFUGES
 CONTROL SIMULATION
 CRYOGENIC WIND TUNNELS
 LANGLEY COMPLEX COORDINATOR
 LUNAR ORBIT AND LANDING
 SIMULATORS
 ∞ MISSILE SIMULATORS
 MOTION SIMULATORS
 PILOT TRAINING
 SPACE ENVIRONMENT SIMULATION
 SPACE SIMULATORS
 TEST FACILITIES
 TRAINING DEVICES
 WIND TUNNELS

FLIGHT STABILITY TESTS

GS FLIGHT TESTS
 . **FLIGHT STABILITY TESTS**
 STABILITY TESTS
 . **FLIGHT STABILITY TESTS**
 RT AERODYNAMIC STABILITY

∞ FLIGHT STRESS

SN *(USE OF A MORE SPECIFIC TERM IS
 RECOMMENDED—CONSULT THE TERMS
 LISTED BELOW)*
 RT FLIGHT FATIGUE
 FLIGHT FITNESS
 FLIGHT SAFETY
 HUMAN FACTORS ENGINEERING
 SPACE FLIGHT STRESS
 STRESS ANALYSIS
 STRESSES

FLIGHT STRESS (BIOLOGY)

SN (EXCLUDES MECHANICAL STRESS AND
 AND STRAIN)
 GS **FLIGHT STRESS (BIOLOGY)**
 . SPACE FLIGHT STRESS
 RT ACCELERATION (PHYSICS)
 BIOLOGICAL EFFECTS
 JET LAG
 PHYSIOLOGICAL FACTORS
 PSYCHOLOGICAL FACTORS
 STRESS (PHYSIOLOGY)
 STRESS (PSYCHOLOGY)
 WEIGHTLESSNESS

FLIGHT SURGEONS

GS PERSONNEL
 . MEDICAL PERSONNEL
 . . SURGEONS
 . . . **FLIGHT SURGEONS**

FLIGHT TECHNICAL ERROR

USE PILOT ERROR

FLIGHT TEST INSTRUMENTS

GS FLIGHT INSTRUMENTS
 . **FLIGHT TEST INSTRUMENTS**
 RT AIRCRAFT INSTRUMENTS
 ROCKET-BORNE INSTRUMENTS
 SPACECRAFT INSTRUMENTS

FLIGHT TEST VEHICLES

GS TEST VEHICLES
 . **FLIGHT TEST VEHICLES**
 RT ∞ AIRCRAFT
 LAUNCH VEHICLES
 MISSILES
 RESEARCH AIRCRAFT
 ∞ SPACECRAFT

FLIGHT TESTS

GS **FLIGHT TESTS**
 . FLIGHT STABILITY TESTS
 . SPACE TRANSPORTATION SYSTEM
 FLIGHTS
 . . SPACE TRANSPORTATION SYSTEM 1
 FLIGHT
 . . SPACE TRANSPORTATION SYSTEM 2
 FLIGHT
 . . SPACE TRANSPORTATION SYSTEM 3
 FLIGHT
 . . SPACE TRANSPORTATION SYSTEM 4
 FLIGHT
 . . SPACE TRANSPORTATION SYSTEM 5
 FLIGHT

FLIGHT TESTS-(CONT.)

. . SPACE TRANSPORTATION SYSTEM 6
 FLIGHT
 . . SPACE TRANSPORTATION SYSTEM 7
 FLIGHT
 . . SPACE TRANSPORTATION SYSTEM 8
 FLIGHT
 . . SPACE TRANSPORTATION SYSTEM 9
 FLIGHT
 . . SPACE TRANSPORTATION SYSTEM 10
 FLIGHT
 . . SPACE TRANSPORTATION SYSTEM 11
 FLIGHT
 . . SPACE TRANSPORTATION SYSTEM 12
 FLIGHT
 . . SPACE TRANSPORTATION SYSTEM 15
 FLIGHT
 RT AIRCRAFT DESIGN
 ALTITUDE TESTS
 CERTIFICATION
 DOWNRANGE
 DYNAMIC TESTS
 ENGINE TESTS
 FREE FLIGHT TEST APPARATUS
 FULL SCALE TESTS
 GROUND TESTS
 HIGH ALTITUDE TESTS
 IN-FLIGHT MONITORING
 MISSILE DESIGN
 MISSILE TESTS
 POSTMISSION ANALYSIS (SPACECRAFT)
 SPACE ELECTRIC ROCKET TESTS
 STABILITY TESTS
 ∞ TESTS
 VIBRATION TESTS
 WING FLOW METHOD TESTS

FLIGHT TIME

GS TIME
 . **FLIGHT TIME**
 RT AIR TRAFFIC CONTROL
 BURNING TIME
 TESTING TIME
 TRAJECTORIES
 TRANSIT TIME
 TURNAROUND (STS)
 WINDOWS (INTERVALS)

FLIGHT TRAINING

GS EDUCATION
 . **FLIGHT TRAINING**
 . . SPACE FLIGHT TRAINING
 RT ASTRONAUT TRAINING
 EJECTION TRAINING
 FLYING PERSONNEL
 PILOT TRAINING
 TRAINING SIMULATORS

∞ FLIGHT VEHICLES

SN *(USE OF A MORE SPECIFIC TERM IS
 RECOMMENDED—CONSULT THE TERMS
 LISTED BELOW)*
 RT AIRCRAFT CONFIGURATIONS
 GROUND EFFECT MACHINES
 HYPERSONIC VEHICLES
 LUNAR FLYING VEHICLES
 MISSILES
 REENTRY VEHICLES
 RESEARCH VEHICLES
 ROCKET VEHICLES

FLINT

GS CHALCOGENIDES
 . OXIDES
 . . DIOXIDES
 . . . **FLINT**
 SILICON COMPOUNDS
 . **FLINT**
 RT QUARTZ

FLIP-FLOPS

UF BISTABLE AMPLIFIERS
 GS CIRCUITS
 . FLUIDIC CIRCUITS
 . . **FLIP-FLOPS**
 . MULTIVIBRATORS
 . . **FLIP-FLOPS**
 RT BISTABLE CIRCUITS
 DATA STORAGE
 FLUID SWITCHING ELEMENTS
 OSCILLATORS

FLIR DETECTORS

UF FORWARD LOOKING INFRARED
 DETECTORS

NASA THESAURUS (VOLUME 1)

FLIR DETECTORS-(CONT.)

GS MEASURING INSTRUMENTS
 . RADIATION MEASURING INSTRUMENTS
 . . INFRARED INSTRUMENTS
 . . . INFRARED DETECTORS
 **FLIR DETECTORS**
 RT ∞ DETECTORS
 INFRARED RADAR
 ∞ SENSORS

FLOATING

RT BALLAST (MASS)
 BUOYANCY
 FLOATS

FLOATING POINT ARITHMETIC

GS NUMBER THEORY
 . ARITHMETIC
 . . **FLOATING POINT ARITHMETIC**
 RT COMPUTER PROGRAMS
 COMPUTERS
 DATA PROCESSING

FLOATS

UF FLOTATION SYSTEMS
 RT BALLAST (MASS)
 BUOYS
 EMERGENCY LIFE SUSTAINING
 SYSTEMS
 FLOATING
 INFLATABLE STRUCTURES
 LANDING GEAR
 LIFE RAFTS
 RAFTS
 SEPARATORS

FLOCCULATING

RT AGGLOMERATION
 COAGULATION
 COALESCING
 COLLOIDING
 CONCENTRATING
 FLOTATION
 PRECIPITATION (CHEMISTRY)
 SETTLING
 WATER TREATMENT

FLOOD CONTROL

RT CANALS
 DRAINAGE
 HYDROLOGY
 RAINSTORMS
 STORM DAMAGE
 STORMS (METEOROLOGY)
 WATERSHEDS

FLOOD DAMAGE

GS DAMAGE
 . **FLOOD DAMAGE**
 RT DRAINAGE PATTERNS
 HYDROLOGY
 LANDSLIDES
 PRECIPITATION (METEOROLOGY)
 SEEPAGE
 STORMS
 STORMS (METEOROLOGY)
 TIDES
 WATER EROSION
 WATER FLOW

FLOOD PLAINS

GS LAND
 . PLAINS
 . . **FLOOD PLAINS**
 RT FLOODS
 HYDROGEOLOGY
 HYDROLOGY

FLOOD PREDICTIONS

GS PREDICTIONS
 . **FLOOD PREDICTIONS**
 RT FLOODS
 HYDROGEOLOGY
 HYDROLOGY
 PRECIPITATION (METEOROLOGY)
 RAIN
 RAINSTORMS
 ∞ SHOWERS
 STORMS (METEOROLOGY)
 WEATHER FORECASTING

FLOODS

RT ALLUVIUM
 DROUGHT

FLOODS-(CONT.)

FLOOD PLAINS
FLOOD PREDICTIONS
HYDROLOGY
HYDROLOGY MODELS
MISSISSIPPI RIVER (US)
PRECIPITATION (METEOROLOGY)
STORM DAMAGE
STORMS
STORMS (METEOROLOGY)
TIDES
WATER FLOW
WATER MANAGEMENT
WATERSHEDS

FLOORS

UF DECKS (FLOORS)
RT BASEMENTS
∞ BUILDINGS
CEILINGS (ARCHITECTURE)
DOORS
∞ PLATFORMS
SUBSTRUCTURES
TILES
WALLS

FLOQUET THEOREM

GS THEOREMS
RT FLOQUET THEOREM
DIFFERENTIAL EQUATIONS
LINEAR EQUATIONS
PERIODIC FUNCTIONS

FLORA

USE PLANTS (BOTANY)

FLORIDA

GS UNITED STATES OF AMERICA
RT FLORIDA
EVERGLADES (FL)
GULF OF MEXICO
MERRITT ISLAND (FL)

FLOTATION

RT ACTIVATION
BENEFICIATION
CLASSIFIERS
COAGULATION
CONCENTRATING
FLOCCULATING
FLUID ROTOR GYROSCOPES
FOAMING
LEVITATION
∞ SEPARATION
SETTLING
SIZE SEPARATION
SUSPENSION SYSTEMS (VEHICLES)
WATER TREATMENT

FLOTATION SYSTEMS

USE FLOATS

∞ FLOUR

SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)*
RT FINES

FLOUR (FOOD)

RT ∞ FOOD
MILLET
POWDER (PARTICLES)

∞ FLOW

SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)*
RT AERODYNAMICS
ANNULAR FLOW
BRILLOUIN FLOW
CORNER FLOW
CREEP PROPERTIES
CROSS FLOW
EXHAUST NOZZLES
FLOW EQUATIONS
FLOW THEORY
FLUID FLOW
HEAT TRANSMISSION
INFORMATION FLOW
LOW DENSITY FLOW
MASS FLOW
ORIFICE FLOW
OUTLET FLOW
PANEL METHOD (FLUID DYNAMICS)

FLOW-(CONT.)

PLASTIC FLOW
SHEAR FLOW
SOLIDS FLOW

FLOW CHAMBERS

RT ∞ CHAMBERS

FLOW CHARACTERISTICS

GS DYNAMIC CHARACTERISTICS
FLOW CHARACTERISTICS
FLOW DISTRIBUTION
FLOW STABILITY
BOUNDARY LAYER STABILITY
FLAME STABILITY
MAGNETOHYDRODYNAMIC STABILITY
WEIBEL INSTABILITY
FLOW VELOCITY
BAROTROPIC FLOW
RT CHARACTERISTICS
CRITICAL FLOW
CROSS FLOW
EDDY VISCOSITY
INVISCID FLOW
LAMINAR FLOW
NONUNIFORM FLOW
OUTLET FLOW
REATTACHED FLOW
SEPARATED FLOW
STEADY FLOW
STROUHAL NUMBER
SUBCRITICAL FLOW
SUPERCRITICAL FLOW
TURBULENCE
TURBULENT FLOW
VISCOSITY
VISCIOUS FLOW

FLOW CHARTS

GS CHARTS
RT FLOW CHARTS
BLOCK DIAGRAMS
COMPUTER PROGRAMMING
∞ FLOW GRAPHS
MATHEMATICAL MODELS

FLOW COEFFICIENTS

GS COEFFICIENTS
FLOW COEFFICIENTS
DISCHARGE COEFFICIENT
RT AERODYNAMIC COEFFICIENTS
ATTENUATION COEFFICIENTS
MASS FLOW FACTORS
NOZZLE THRUST COEFFICIENTS
REFLECTANCE
TRANSPORT PROPERTIES

FLOW DEFLECTION

RT DEFLECTORS

FLOW DIRECTION INDICATORS

GS DISPLAY DEVICES
FLOW DIRECTION INDICATORS
WIND VANES
MEASURING INSTRUMENTS
INDICATING INSTRUMENTS
FLOW DIRECTION INDICATORS
WIND VANES

FLOW DISTORTION

GS DISTORTION
FLOW DISTORTION
RT AERODYNAMIC COEFFICIENTS
FLUID FLOW
MULTIPHASE FLOW
ORR-SOMMERFELD EQUATIONS
OSCILLATING FLOW
SMALL PERTURBATION FLOW
VORTICES
WING TIP VORTICES

FLOW DISTRIBUTION

UF FLOW FIELDS
FLOW PATTERNS
GS DISTRIBUTION (PROPERTY)
FLOW DISTRIBUTION
DYNAMIC CHARACTERISTICS
FLOW CHARACTERISTICS
FLOW DISTRIBUTION
RT BOUNDARY LAYER FLOW
BOUNDARY LAYER SEPARATION
CAVITATION FLOW
CHAPMAN-ENSKOG THEORY
EXHAUST FLOW SIMULATION

FLOW DISTRIBUTION-(CONT.)

FIELD THEORY (PHYSICS)
∞ FLOW GRAPHS
HYDRODYNAMIC COEFFICIENTS
ISOTHERMAL FLOW
METHOD OF CHARACTERISTICS
NUMERICAL FLOW VISUALIZATION
REATTACHED FLOW
RHEOELECTRICAL SIMULATION
SEPARATED FLOW
STROUHAL NUMBER
TRAPPED VORTEXES
VELOCITY DISTRIBUTION
VORTEX SHEETS
WATER TUNNEL TESTS
WIND TUNNEL TESTS

FLOW EQUATIONS

GS FLOW EQUATIONS
HELMHOLTZ VORTICITY EQUATION
VON KARMAN EQUATION
RT VORTICITY EQUATIONS
BOUNDARY LAYER EQUATIONS
CHAPLYGIN EQUATION
∞ EQUATIONS
FLUID FLOW
PARTICLE IN CELL TECHNIQUE
PERCUS METHOD

FLOW FIELDS

USE FLOW DISTRIBUTION

FLOW GEOMETRY

GS GEOMETRY
RT FLOW GEOMETRY
ANNULAR FLOW
AXIAL FLOW
AXISYMMETRIC FLOW
BYPASS RATIO
CHANNEL FLOW
COAXIAL FLOW
CORE FLOW
CROSS FLOW
DUCTED FLOW
HELICAL FLOW
INLET AIRFRAME CONFIGURATIONS
INLET FLOW
LAMINAR FLOW
MERIDIONAL FLOW
NOZZLE FLOW
ONE DIMENSIONAL FLOW
PARALLEL FLOW
RADIAL FLOW
STEADY FLOW
STRATIFIED FLOW
THREE DIMENSIONAL FLOW
TWO DIMENSIONAL FLOW
WEDGE FLOW

∞ FLOW GRAPHS

SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)*
RT EQUIPOTENTIALS
FLOW CHARTS
FLOW DISTRIBUTION
SIGNAL FLOW GRAPHS

FLOW MEASUREMENT

GS MECHANICAL MEASUREMENT
FLOW MEASUREMENT
RT ANEMOMETERS
ANNULI
DRAG FORCE ANEMOMETERS
DRAG MEASUREMENT
FLOWMETERS
FLUID FLOW
GAS METERS
HOT-FILM ANEMOMETERS
HOT-WIRE ANEMOMETERS
LASER DOPPLER VELOCIMETERS
∞ MEASUREMENT
MULTIPHASE FLOW
∞ NOZZLES
ORIFICES
PITOT TUBES
PNEUMATIC PROBES
PRESSURE MEASUREMENT
RHEOLOGY
SOLIDS FLOW
VELOCITY MEASUREMENT
VENTURI TUBES
WATER FLOW
WIND VELOCITY

FLOW NETS

FLOW NETS

RT EQUIPOTENTIALS
SEEPAGE

FLOW PATTERNS

USE FLOW DISTRIBUTION

FLOW RATE

USE FLOW VELOCITY

FLOW REGULATORS

GS REGULATORS
. FLOW REGULATORS
. FUEL FLOW REGULATORS
RT FLOWMETERS
OXYGEN REGULATORS
PRESSURE REGULATORS

FLOW RESISTANCE

GS FRICTION
. FLOW RESISTANCE
. FRICTION DRAG
. SUPERSONIC DRAG
. VISCIOUS DRAG
RT EDDY VISCOSITY
HIGH RESISTANCE
LOW RESISTANCE
RESISTANCE
SKIN FRICTION
VISCOSITY

FLOW SEPARATION

USE BOUNDARY LAYER SEPARATION
SEPARATED FLOW

FLOW STABILITY

UF HYDRODYNAMIC STABILITY
GS DYNAMIC CHARACTERISTICS
. DYNAMIC STABILITY
. MOTION STABILITY
. FLOW STABILITY
. . . . BOUNDARY LAYER STABILITY
. . . . FLAME STABILITY
. . . . MAGNETOHYDRODYNAMIC STABILITY
. . . . WEIBEL INSTABILITY
. FLOW CHARACTERISTICS
. FLOW STABILITY
. . . . BOUNDARY LAYER STABILITY
. . . . FLAME STABILITY
. . . . MAGNETOHYDRODYNAMIC STABILITY
. . . . WEIBEL INSTABILITY
STABILITY
. DYNAMIC STABILITY
. MOTION STABILITY
. FLOW STABILITY
. . . . BOUNDARY LAYER STABILITY
. . . . FLAME STABILITY
. . . . MAGNETOHYDRODYNAMIC STABILITY
RT AERODYNAMIC STABILITY
BAROCLINIC INSTABILITY
DIRECTIONAL STABILITY
FLUID FLOW
HYDRODYNAMIC EQUATIONS
HYDROFOIL OSCILLATIONS
KELVIN-HELMHOLTZ INSTABILITY
LAMINAR FLOW
LATERAL STABILITY
LONGITUDINAL STABILITY
LOW SPEED STABILITY
ORR-SOMMERFELD EQUATIONS
ROTARY STABILITY
STEADY FLOW
STROUHAL NUMBER
SUPersonic DIFFUSERS
SYSTEMS STABILITY
TURBULENT FLOW
UNSTEADY FLOW
VISCIOUS FLUIDS
VON KARMAN EQUATION
VORTEX BREAKDOWN
VORTEX FILAMENTS
VORTICES
VORTICITY

FLOW THEORY

GS FLOW THEORY
. MIXING LENGTH FLOW THEORY
RT AERODYNAMICS
BOUNDARY LAYER EQUATIONS
CONTINUUM MECHANICS
DISLOCATIONS (MATERIALS)
FLUID FLOW

FLOW THEORY-(CONT.)

FLUID MECHANICS
HYDRODYNAMIC EQUATIONS
HYDRODYNAMICS
LIGHTHILL METHOD
MASS FLOW
NAVIER-STOKES EQUATION
ORR-SOMMERFELD EQUATIONS
PANEL METHOD (FLUID DYNAMICS)
PNEUMATICS
RHEOLOGY
SOLIDS FLOW
THEORIES

FLOW VELOCITY

UF FLOW RATE
GS DYNAMIC CHARACTERISTICS
. FLOW CHARACTERISTICS
. FLOW VELOCITY
RATES (PER TIME)
. FLOW VELOCITY
. . . SOLAR WIND VELOCITY VELOCITY
. FLOW VELOCITY
. . . SOLAR WIND VELOCITY
RT DISCHARGE COEFFICIENT
EXHAUST VELOCITY
HYDRODYNAMIC COEFFICIENTS
HYPERSONIC FLOW
HYPERVELOCITY FLOW
LASER ANEMOMETERS
LOW SPEED
MASS FLOW RATE
PARALLEL FLOW
SUBSONIC FLOW
SUPersonic FLOW
TRANSONIC FLOW
UNSTEADY FLOW
VELOCITY DISTRIBUTION
VELOCITY MEASUREMENT

FLOW VISUALIZATION

UF VISUALIZATION OF FLOW
GS FLOW VISUALIZATION
. NUMERICAL FLOW VISUALIZATION
RT FLUID FLOW
HYDRAULIC ANALOGIES
SCHLIEREN PHOTOGRAPHY
SHADOWGRAPH PHOTOGRAPHY
WATER TUNNEL TESTS
WIND TUNNEL MODELS

FLOWMETERS

GS MEASURING INSTRUMENTS
. FLOWMETERS
. . . GAS METERS
. . . HOT-WIRE FLOWMETERS
. . . RHEOMETERS
RT ELECTRICAL MEASUREMENT
FLOW MEASUREMENT
FLOW REGULATORS
FLUID FLOW
FUEL GAGES
HOT-WIRE ANEMOMETERS
MECHANICAL MEASUREMENT
ORIFICES
PITOT TUBES
PRESSURE GAGES
PRESSURE MEASUREMENT
SONIC ANEMOMETERS
SPEED INDICATORS
TURBINE INSTRUMENTS
VELOCITY MEASUREMENT
VENTURI TUBES

FLOX

UF FLUORINE-LIQUID OXYGEN
GS LIQUIDS
. CRYOGENIC FLUIDS
. FLOX
OXIDIZERS
. ROCKET OXIDIZERS
. FLOX
RT FLUORINE
LIQUID OXYGEN

FLTSATCOM

USE FLEET SATELLITE COMMUNICATION
SYSTEM

FLUCTUATION

USE VARIATIONS

FLUCTUATION THEORY

RT HOMOGENEOUS TURBULENCE

NASA THESAURUS (VOLUME 1)

FLUCTUATION THEORY-(CONT.)

STATISTICAL MECHANICS
THEORIES

FLUE GASES

GS GASES
. EXHAUST GASES
. FLUE GASES
RT AIR POLLUTION
COMBUSTION PRODUCTS
DESULFURIZING
ELECTRIC POWER PLANTS
FLUES
POLLUTION CONTROL
SCRUBBERS

FLUENCE

RT HEALTH PHYSICS
IONIZING RADIATION
RADIATION COUNTERS

FLUERICS

GS FLUIDICS
. FLUERICS
RT FLUID AMPLIFIERS
FLUID SWITCHING ELEMENTS
FLUIDIC CIRCUITS
HYDRAULIC ANALOGIES

FLUES

RT CHIMNEYS
DRAFT (GAS FLOW)
DUCTS
EXHAUST SYSTEMS
FLUE GASES
VENTS

FLUID AMPLIFICATION

USE FLUID AMPLIFIERS

FLUID AMPLIFIERS

UF FLUID AMPLIFICATION
FLUID JET AMPLIFIERS
GS AMPLIFIERS
. FLUID AMPLIFIERS
. . . JET AMPLIFIERS
RT AMPLIFICATION
AUTOMATIC CONTROL VALVES
BOUNDARY LAYER CONTROL
COANDA EFFECT
CONVERGENT NOZZLES
FLUERICS
FLUIDIC CIRCUITS
FLUIDICS
HYDRAULIC EQUIPMENT
PNEUMATIC EQUIPMENT
PRESSURE RECOVERY
TURBULENT FLOW
TURBULENT JETS
WALL JETS

FLUID BOUNDARIES

GS BOUNDARIES
. FLUID BOUNDARIES
. . . GAS-SOLID INTERFACES
. . . JET BOUNDARIES
. . . LIQUID-LIQUID INTERFACES
. . . LIQUID-SOLID INTERFACES
. . . LIQUID-VAPOR INTERFACES
INTERFACES
. FLUID BOUNDARIES
. . . GAS-SOLID INTERFACES
. . . JET BOUNDARIES
. . . LIQUID-LIQUID INTERFACES
. . . LIQUID-SOLID INTERFACES
. . . LIQUID-VAPOR INTERFACES
RT BOUNDARY LAYERS
FREE BOUNDARIES
HEAT TRANSFER
INTERFACE STABILITY
LIQUID LEVELS
LIQUID SURFACES
PRESSURE GRADIENTS

FLUID DYNAMICS

UF CASCADES (FLUID DYNAMICS)
GS FLUID MECHANICS
. FLUID DYNAMICS
. . . COMPUTATIONAL FLUID DYNAMICS
. . . GAS DYNAMICS
. . . AERODYNAMICS
. . . . AEROTHERMODYNAMICS
. . . . HYPERSONICS
. . . . ROTOR AERODYNAMICS
. . . . SUPSONICS

FLUID DYNAMICS-(CONT.)

... RAREFIED GAS DYNAMICS
 ... HYDRODYNAMICS
 ... ELASTOHYDRODYNAMICS
 ... ELECTROHYDRODYNAMICS
 ... MAGNETOHYDRODYNAMICS
 ... CYLINDRICAL PLASMAS
 ... ROTONS
 ... VORTEX SHEDDING
 RT CONTINUITY EQUATION
 CONVECTION
 CROSS FLOW
 ∞ DYNAMICS
 EYRING THEORY
 GAS-SOLID INTERACTIONS
 GEOPHYSICAL FLUIDS
 GLIMM METHOD
 ∞ HYDRAULICS
 HYDROMECHANICS
 KINETICS
 LOW DENSITY FLOW
 MAGNUS EFFECT
 ∞ MECHANICS (PHYSICS)
 OCEAN DYNAMICS
 PANEL METHOD (FLUID DYNAMICS)
 PARALLEL FLOW
 PISTON THEORY
 PRIMITIVE EQUATIONS
 QUASI-STEADY STATES
 SLAMMING
 STAGNATION POINT
 STEADY STATE
 STREAMLINING
 THERMOHYDRAULICS
 TURBULENCE
 TURBULENT FLOW
 UNIFORM FLOW
 UNSTEADY FLOW
 UNSTEADY STATE
 VORTEX FILAMENTS

FLUID FILLED SHELLS

GS SHELLS (STRUCTURAL FORMS)
 . FLUID FILLED SHELLS
 . LIQUID FILLED SHELLS
 RT HYDRODYNAMIC RAM EFFECT
 PROPELLANT TANKS
 REINFORCED SHELLS
 SHELL STABILITY
 ∞ STORAGE
 TANKS (CONTAINERS)
 ∞ VESSELS

FLUID FILMS

GS FLUID FILMS
 . SQUEEZE FILMS
 RT ∞ FILMS
 GAS BEARINGS
 LIQUID-SOLID INTERFACES

FLUID FILTERS

UF MASS FILTERS
 PARTICULATE FILTERS
 GS SEPARATORS
 . FLUID FILTERS
 . AIR FILTERS
 RT CENTRIFUGES
 CONCENTRATORS
 ∞ FILTERS
 FILTRATION
 FLUIDIZED BED PROCESSORS
 SIEVES
 SIZING SCREENS

FLUID FLOW

UF INDUCED FLUID FLOW
 ROTATIONAL FLOW
 GS FLUID FLOW
 . ADIABATIC FLOW
 . AXIAL FLOW
 . AXISYMMETRIC FLOW
 . ANNULAR FLOW
 . KARMAN-BODEWADT FLOW
 . BAROTROPIC FLOW
 . BASE FLOW
 . BELTRAMI FLOW
 . BLOOD FLOW
 . CAPILLARY FLOW
 . CASCADE FLOW
 . CHANNEL FLOW
 . OPEN CHANNEL FLOW
 . COAXIAL FLOW
 . COMBUSTIBLE FLOW
 . COMPRESSIBLE FLOW
 . TRANSONIC FLOW

FLUID FLOW-(CONT.)

. CONICAL FLOW
 . CONVECTIVE FLOW
 . CORE FLOW
 . CORNER FLOW
 . COUNTERFLOW
 . CRITICAL FLOW
 . CROSS FLOW
 . DUCTED FLOW
 . KNUDSEN FLOW
 . FREE FLOW
 . FUEL FLOW
 . PROPELLANT TRANSFER
 . GAS FLOW
 . AIR FLOW
 . AIR CURRENTS
 . JET STREAMS (METEOROLOGY)
 . MERIDIONAL FLOW
 . VERTICAL AIR CURRENTS
 . CONTINUUM FLOW
 . EQUILIBRIUM FLOW
 . FROZEN EQUILIBRIUM FLOW
 . SHIFTING EQUILIBRIUM FLOW
 . FREE MOLECULAR FLOW
 . KNUDSEN FLOW
 . MOLECULAR FLOW
 . SLIP FLOW
 . TRANSITION FLOW
 . NONEQUILIBRIUM FLOW
 . PIPE FLOW
 . HEAD FLOW
 . HELICAL FLOW
 . HYPERSONIC FLOW
 . HYPERVELOCITY FLOW
 . INCOMPRESSIBLE FLOW
 . STOKES FLOW
 . INLET FLOW
 . INVISCID FLOW
 . STAGNATION FLOW
 . ISOTHERMAL FLOW
 . JET FLOW
 . AIR JETS
 . PERIPHERAL JET FLOW
 . SUPERSONIC JET FLOW
 . JET MIXING FLOW
 . LAMINAR FLOW
 . BLASIUS FLOW
 . HARTMANN FLOW
 . STRATIFIED FLOW
 . LIQUID FLOW
 . OPEN CHANNEL FLOW
 . WATER FLOW
 . MAGNETOHYDRODYNAMIC FLOW
 . MASS FLOW
 . MULTIPHASE FLOW
 . TWO PHASE FLOW
 . NONNEWTONIAN FLOW
 . NONUNIFORM FLOW
 . NOZZLE FLOW
 . ONE DIMENSIONAL FLOW
 . ORIFICE FLOW
 . OUTLET FLOW
 . PARALLEL FLOW
 . PIPE FLOW
 . THREE DIMENSIONAL FLOW
 . PLASTIC FLOW
 . TRESKA FLOW
 . POTENTIAL FLOW
 . EQUIPOTENTIALS
 . RADIAL FLOW
 . RECIRCULATIVE FLUID FLOW
 . REVERSED FLOW
 . SHEAR FLOW
 . SINGLE-PHASE FLOW
 . SMALL PERTURBATION FLOW
 . SOLIDS FLOW
 . STEADY FLOW
 . COUETTE FLOW
 . HARTMANN FLOW
 . STEAM FLOW
 . SUBCRITICAL FLOW
 . SUBSONIC FLOW
 . SUPERCRITICAL FLOW
 . SUPERSONIC FLOW
 . TURBULENT FLOW
 . CAVITATION FLOW
 . SUPERCAVITATING FLOW
 . TWO DIMENSIONAL FLOW
 . COUETTE FLOW
 . UNIFORM FLOW
 . BLASIUS FLOW
 . UNSTEADY FLOW
 . OSCILLATING FLOW
 . VISCOUS FLOW
 . BOUNDARY LAYER FLOW
 . REATTACHED FLOW

FLUID FLOW-(CONT.)

... SECONDARY FLOW
 ... SEPARATED FLOW
 ... BOUNDARY LAYER SEPARATION
 ... COUETTE FLOW
 ... KARMAN-BODEWADT FLOW
 ... STOKES FLOW
 ... WALL FLOW
 ... WEDGE FLOW
 RT ACOUSTIC STREAMING
 ANNULAR DUCTS
 BERNOULLI THEOREM
 BOUNDARY LAYERS
 CANALS
 CARTAN SPACE
 CHEMICAL ENGINEERING
 COAXIAL NOZZLES
 ∞ CONDUCTIVITY
 CONVECTION CURRENTS
 ∞ CURRENTS
 DIMENSIONAL ANALYSIS
 DIMENSIONLESS NUMBERS
 DRAG REDUCTION
 DUCT GEOMETRY
 EXPULSION
 ∞ FLOW
 FLOW DISTORTION
 FLOW EQUATIONS
 FLOW MEASUREMENT
 FLOW STABILITY
 FLOW THEORY
 FLOW VISUALIZATION
 FLOWMETERS
 FLUIDICS
 ∞ FLUIDS
 FRICTION
 FROUDE NUMBER
 GEOPHYSICAL FLUID FLOW CELLS
 HEAD (FLUID MECHANICS)
 HEAT TRANSMISSION
 ∞ HYDRAULICS
 HYDRODYNAMICS
 HYDROMECHANICS
 INJECTION
 LABYRINTH SEALS
 LEAKAGE
 LEWIS NUMBERS
 MAGNUS EFFECT
 MANNING THEORY
 MATERIALS HANDLING
 MECHANICAL ENGINEERING
 OCEAN CURRENTS
 OCEAN SURFACE
 PIPES (TUBES)
 PLANETARY WAVES
 PRESSURE GRADIENTS
 PRESSURE HEADS
 RAYLEIGH WAVES
 REYNOLDS NUMBER
 SKIN FRICTION
 STREAMS
 SUPERSONIC BOUNDARY LAYERS
 SURGES
 SYRINGES
 THERMOHYDRAULICS
 ULTRASONIC CLEANING
 VORTICES
 WING FLOW METHOD TESTS

FLUID INJECTION

GS INJECTION
 . FLUID INJECTION
 . GAS INJECTION
 . LIQUID INJECTION
 . DEEP WELL INJECTION (WASTES)
 . WATER INJECTION
 RT CHANNEL FLOW
 FUEL INJECTION
 INLET FLOW
 LAMINAR MIXING
 NOZZLE FLOW
 SECONDARY INJECTION

FLUID JET AMPLIFIERS

USE FLUID AMPLIFIERS
 JET AMPLIFIERS

FLUID JETS

GS FLUID JETS
 . AIR JETS
 . FREE JETS
 . GAS JETS
 . HYDRAULIC JETS
 . VAPOR JETS
 RT JET AMPLIFIERS

FLUID LOGIC

FLUID JETS-(CONT.)

JET FLOW
JET MIXING FLOW
JET STREAMS (METEOROLOGY)
∞ JETS
PLASMA JETS

FLUID LOGIC

RT COMPUTER DESIGN
FLUIDIC CIRCUITS
FLUIDICS
∞ LOGIC
LOGIC CIRCUITS

FLUID MECHANICS

GS **FLUID MECHANICS**
FLUID DYNAMICS
COMPUTATIONAL FLUID DYNAMICS
GAS DYNAMICS
AERODYNAMICS
AEROTHERMODYNAMICS
HYPERSONICS
ROTOR AERODYNAMICS
SUPERSONICS
RAREFIED GAS DYNAMICS
HYDRODYNAMICS
ELASTOHYDRODYNAMICS
ELECTROHYDRODYNAMICS
MAGNETOHYDRODYNAMICS
CYLINDRICAL PLASMAS
ROTONS
VORTEX SHEDDING
HYDROMECHANICS
HYDRODYNAMICS
ELASTOHYDRODYNAMICS
ELECTROHYDRODYNAMICS
MAGNETOHYDRODYNAMICS
HYDROSTATICS
MAGNETOHYDROSTATICS
PNEUMATICS
RT AEROSTATICS
∞ BLEEDING
COMPUTATIONAL FLUID DYNAMICS
CONTINUUM MECHANICS
DIFFUSIVITY
∞ DYNAMICS
FLAT PLATES
FLOW THEORY
FLUIDICS
∞ HYDRAULICS
HYDRODYNAMIC EQUATIONS
INCOMPRESSIBILITY
KINETICS
MAXWELL FLUIDS
∞ MECHANICS (PHYSICS)
MICROPOLAR FLUIDS
STATICS
THERMODYNAMICS

FLUID POWER

RT COMPRESSIBLE FLUIDS
FLUID PRESSURE
FLUIDIC CIRCUITS
FLUIDICS
HYDRAULIC CONTROL
HYDRAULIC EQUIPMENT
∞ HYDRAULICS
HYDRODYNAMICS
INCOMPRESSIBLE FLUIDS
PNEUMATIC CONTROL
PNEUMATIC EQUIPMENT
PNEUMATICS
∞ POWER
∞ PRESSURE DROP
WORKING FLUIDS

FLUID PRESSURE

GS PRESSURE
FLUID PRESSURE
WATER PRESSURE
RT BETA FACTOR
FLUID POWER
FLUIDICS
∞ FLUIDS
HYDRAULIC FLUIDS

FLUID ROTOR GYROSCOPES

GS GYROSCOPES
ROTARY GYROSCOPES
FLUID ROTOR GYROSCOPES
RT FLOTATION
GIMBALS

FLUID SWITCHING ELEMENTS

GS CIRCUITS

FLUID SWITCHING ELEMENTS-(CONT.)

SWITCHING CIRCUITS
FLUID SWITCHING ELEMENTS
SWITCHES
SWITCHING CIRCUITS
FLUID SWITCHING ELEMENTS
RT ACOUSTIC STREAMING
AUTOMATIC CONTROL VALVES
FLIP-FLOPS
FLUERICS
FLUIDIC CIRCUITS
FLUIDICS
HYDRAULIC EQUIPMENT
PNEUMATIC EQUIPMENT

FLUID TRANSMISSION LINES

GS TRANSMISSION LINES
FLUID TRANSMISSION LINES
RT HYDRAULIC FLUIDS
TRANSMISSION FLUIDS
WORKING FLUIDS

FLUID TRANSPIRATION

USE TRANSPIRATION

FLUIDIC CIRCUITS

GS CIRCUITS
FLUIDIC CIRCUITS
FLIP-FLOPS
RT FLUERICS
FLUID AMPLIFIERS
FLUID LOGIC
FLUID POWER
FLUID SWITCHING ELEMENTS
FLUIDICS
FLY BY TUBE CONTROL

FLUIDICS

GS FLUIDICS
FLUERICS
RT AMPLIFICATION
∞ CONTROL
FLUID AMPLIFIERS
FLUID FLOW
FLUID LOGIC
FLUID MECHANICS
FLUID POWER
FLUID PRESSURE
FLUID SWITCHING ELEMENTS
FLUIDIC CIRCUITS
HYDRAULIC ANALOGIES
HYDRAULIC CONTROL
∞ LOGIC
PNEUMATIC CIRCUITS
PNEUMATIC CONTROL
PNEUMATIC EQUIPMENT
PNEUMATICS

FLUIDIZED BED PROCESSORS

RT BEDS (PROCESS ENGINEERING)
CHEMICAL REACTORS
FLUID FILTERS
FURNACES
SEPARATORS

∞ FLUIDS

SN *(USE OF A MORE SPECIFIC TERM IS
RECOMMENDED-CONSULT THE TERMS
LISTED BELOW)*
RT ANISOTROPIC FLUIDS
BINARY FLUIDS
BODY FLUIDS
CEREBROSPINAL FLUID
COMPRESSIBLE FLUIDS
CRYOGENIC FLUIDS
FERROFLUIDS
FLUID FLOW
FLUID PRESSURE
GASES
GYROSCOPE FLUIDS
HIGH TEMPERATURE FLUIDS
HYDRAULIC FLUIDS
IDEAL FLUIDS
INCOMPRESSIBLE FLUIDS
LIQUIDS
MAXWELL FLUIDS
MICROPOLAR FLUIDS
NEWTONIAN FLUIDS
NONEQUILIBRIUM FLOW
NONNEWTONIAN FLUIDS
RHEOLOGY
ROTATING FLUIDS
SERUMS
SIPHONING
SOLIDS

NASA THESAURUS (VOLUME 1)

FLUIDS-(CONT.)

SUPERFLUIDITY
TRANSMISSION FLUIDS
VISCIOUS FLUIDS
WEIGHTLESS FLUIDS
WORKING FLUIDS

FLUORESCENCE

UF FLUORESCENT EMISSION
GS DECAY
EMISSION
LIGHT EMISSION
LUMINESCENCE
FLUORESCENCE
PHOSPHORESCENCE
RESONANCE FLUORESCENCE
X RAY FLUORESCENCE
RT ELECTROMAGNETIC ABSORPTION
EXTINCTION
MOSSBAUER EFFECT
PHOSPHORS
PHOTOLUMINESCENCE
PLASMA RADIATION

FLUORESCENT EMISSION

USE FLUORESCENCE

FLUORIDES

GS HALOGEN COMPOUNDS
FLUORINE COMPOUNDS
FLUORIDES
ANTIMONY FLUORIDES
BARIUM FLUORIDES
BORON FLUORIDES
CHLORINE FLUORIDES
COMPOUND A
CRYOLITE
DIFLUORIDES
CALCIUM FLUORIDES
FLUORSPAR
HYDROFLUORIC ACID
METAL FLUORIDES
ALUMINUM FLUORIDES
BERYLLIUM FLUORIDES
CADMIUM FLUORIDES
CALCIUM FLUORIDES
CESIUM FLUORIDES
CHROMIUM FLUORIDES
COBALT FLUORIDES
COPPER FLUORIDES
LANTHANUM FLUORIDES
LITHIUM FLUORIDES
MAGNESIUM FLUORIDES
NICKEL FLUORIDES
PLUTONIUM FLUORIDES
PROTACTINIUM FLUORIDES
SODIUM FLUORIDES
STRONTIUM FLUORIDES
THORIUM FLUORIDES
TUNGSTEN FLUORIDES
URANIUM FLUORIDES
ZINC FLUORIDES
NITROGEN FLUORIDES
OXYFLUORIDES
OXYGEN FLUORIDES
OZONE FLUORIDE
PERCHLORYL FLUORIDES
SULFUR FLUORIDES
TECHNETIUM FLUORIDES
HALIDES
FLUORIDES
ANTIMONY FLUORIDES
BARIUM FLUORIDES
BORON FLUORIDES
CHLORINE FLUORIDES
DIFLUORIDES
CALCIUM FLUORIDES
FLUORSPAR
HYDROFLUORIC ACID
NITROGEN FLUORIDES
OXYFLUORIDES
OXYGEN FLUORIDES
OZONE FLUORIDE
PERCHLORYL FLUORIDES
SULFUR FLUORIDES
TECHNETIUM FLUORIDES
RT EXCIMER LASERS

FLUORINATION

GS CHEMICAL REACTIONS
HALOGENATION
FLUORINATION
RT DEFLUORINATION

FLUORINE

- GS CHEMICAL ELEMENTS
 . HALOGENS
 . . FLUORINE
 . . . FLUORINE ISOTOPES
- RT FLOX
 OXIDIZERS

FLUORINE COMPOUNDS

- GS HALOGEN COMPOUNDS
 . FLUORINE COMPOUNDS
 . . FLUORIDES
 . . . ANTIMONY FLUORIDES
 . . . BARIUM FLUORIDES
 . . . BORON FLUORIDES
 . . . CHLORINE FLUORIDES
 . . . COMPOUND A
 . . . CRYOLITE
 . . . DIFLUORIDES
 CALCIUM FLUORIDES
 FLUORSPAR
 . . . HYDROFLUORIC ACID
 . . . METAL FLUORIDES
 . . . ALUMINUM FLUORIDES
 . . . BERYLLIUM FLUORIDES
 . . . CADMIUM FLUORIDES
 . . . CALCIUM FLUORIDES
 . . . CESIUM FLUORIDES
 . . . CHROMIUM FLUORIDES
 . . . COBALT FLUORIDES
 . . . COPPER FLUORIDES
 . . . LANTHANUM FLUORIDES
 . . . LITHIUM FLUORIDES
 . . . MAGNESIUM FLUORIDES
 . . . NICKEL FLUORIDES
 . . . PLUTONIUM FLUORIDES
 . . . PROTACTINIUM FLUORIDES
 . . . SODIUM FLUORIDES
 . . . STRONTIUM FLUORIDES
 . . . THORIUM FLUORIDES
 . . . TUNGSTEN FLUORIDES
 . . . URANIUM FLUORIDES
 . . . ZINC FLUORIDES
 . . . NITROGEN FLUORIDES
 . . . OXYFLUORIDES
 . . . OXYGEN FLUORIDES
 . . . OZONE FLUORIDE
 . . . PERCHLORYL FLUORIDES
 . . . SULFUR FLUORIDES
 . . . TECHNETIUM FLUORIDES
 . . . FLUORITE
 . . . FLUORO COMPOUNDS
 . . . CRYOLITE
 . . . DIFLUORO COMPOUNDS
 . . . PERFLUOROALKANE
 . . . POLYTETRAFLUOROETHYLENE
 . . . FLUORINE ORGANIC COMPOUNDS
 . . . FLUOROAMINES
 NITROFLUORAMINES
 TRIFLUOROAMINE OXIDE
 . . . FLUOROCARBONS
 . . . FLUOROHYDROCARBONS
 CARBON TETRAFLUORIDE
 . . . FLUOROPOLYMERS
 KEL-F
 . . . PERFLUOROALKANE
 . . . PERFLUOROGUANIDINE
- RT HALOCARBONS

FLUORINE ISOTOPES

- GS CHEMICAL ELEMENTS
 . HALOGENS
 . FLUORINE
 . . FLUORINE ISOTOPES
 . . . NUCLIDES
 . . . ISOTOPES
 . . . FLUORINE ISOTOPES

FLUORINE ORGANIC COMPOUNDS

- UF ORGANIC FLUORINE COMPOUNDS
- GS HALOGEN COMPOUNDS
 . FLUORINE COMPOUNDS
 . . FLUORO COMPOUNDS
 . . . FLUORINE ORGANIC COMPOUNDS
 . . . FLUOROAMINES
 NITROFLUORAMINES
 TRIFLUOROAMINE OXIDE
 . . . FLUOROCARBONS
 . . . FLUOROHYDROCARBONS
 CARBON TETRAFLUORIDE
 . . . FLUOROPOLYMERS
 KEL-F
 . . . PERFLUOROALKANE
 . . . PERFLUOROGUANIDINE
- ORGANIC COMPOUNDS

FLUORINE ORGANIC COMPOUNDS-(CONT.)

- . FLUORINE ORGANIC COMPOUNDS
 . . FLUOROAMINES
 . . . NITROFLUORAMINES
 . . . TRIFLUOROAMINE OXIDE
 . . FLUOROCARBONS
 . . FLUOROHYDROCARBONS
 . . . CARBON TETRAFLUORIDE
 . . . KEL-F
 . . PERFLUOROALKANE
 . . PERFLUOROGUANIDINE

FLUORINE-LIQUID OXYGEN

- USE FLOX

FLUORITE

- GS CALCIUM COMPOUNDS
 . FLUORITE
 HALOGEN COMPOUNDS
 . FLUORINE COMPOUNDS
 . . FLUORITE
 MINERALS
 . FLUORITE

FLUORO COMPOUNDS

- GS HALOGEN COMPOUNDS
 . FLUORINE COMPOUNDS
 . . FLUORO COMPOUNDS
 . . . CRYOLITE
 . . . DIFLUORO COMPOUNDS
 . . . PERFLUOROALKANE
 . . . POLYTETRAFLUOROETHYLENE
 . . . FLUORINE ORGANIC COMPOUNDS
 . . . FLUOROAMINES
 NITROFLUORAMINES
 TRIFLUOROAMINE OXIDE
 . . . FLUOROCARBONS
 . . . FLUOROHYDROCARBONS
 CARBON TETRAFLUORIDE
 . . . FLUOROPOLYMERS
 KEL-F
 . . . PERFLUOROALKANE
 . . . PERFLUOROGUANIDINE
- RT HALOCARBONS

FLUOROAMINES

- GS ALIPHATIC COMPOUNDS
 . FLUOROAMINES
 . . NITROFLUORAMINES
 . . TRIFLUOROAMINE OXIDE
 AMINES
 . FLUOROAMINES
 . . NITROFLUORAMINES
 . . TRIFLUOROAMINE OXIDE
 HALOGEN COMPOUNDS
 . FLUORINE COMPOUNDS
 . . FLUORO COMPOUNDS
 . . . FLUORINE ORGANIC COMPOUNDS
 . . . FLUOROAMINES
 NITROFLUORAMINES
 TRIFLUOROAMINE OXIDE
 ORGANIC COMPOUNDS
 . FLUORINE ORGANIC COMPOUNDS
 . . FLUOROAMINES
 . . . NITROFLUORAMINES
 . . . TRIFLUOROAMINE OXIDE

FLUOROCARBONS

- GS HALOGEN COMPOUNDS
 . FLUORINE COMPOUNDS
 . . FLUORO COMPOUNDS
 . . . FLUORINE ORGANIC COMPOUNDS
 . . . FLUOROCARBONS
 . . . HALOCARBONS
 . . . FLUOROCARBONS
 ORGANIC COMPOUNDS
 . FLUORINE ORGANIC COMPOUNDS
 . . FLUOROCARBONS
 FLUOROHYDROCARBONS
 FLUOROPOLYMERS
- RT

FLUOROHYDROCARBONS

- GS HALOGEN COMPOUNDS
 . FLUORINE COMPOUNDS
 . . FLUORO COMPOUNDS
 . . . FLUORINE ORGANIC COMPOUNDS
 . . . FLUOROHYDROCARBONS
 CARBON TETRAFLUORIDE
 ORGANIC COMPOUNDS
 . FLUORINE ORGANIC COMPOUNDS
 . . FLUOROHYDROCARBONS
 . . . CARBON TETRAFLUORIDE
 RT
 FLUOROCARBONS
 FREON
 REFRIGERANTS

FLUOROHYDROCARBONS-(CONT.)

VITON

FLUOROMICA

- USE FLUOROSILICATES
 MICA

FLUOROPHLOGOPITE

- GS MINERALS
 . MICA
 . . FLUOROPHLOGOPITE

FLUOROPOLYMERS

- GS CARBON COMPOUNDS
 . FLUOROPOLYMERS
 HALOGEN COMPOUNDS
 . FLUORINE COMPOUNDS
 . . FLUORO COMPOUNDS
 . . . FLUORINE ORGANIC COMPOUNDS
 FLUOROPOLYMERS
 RT
 FLUOROCARBONS
 PLASTICS
 POLYMERS

FLUOROSCOPY

- RT MEDICAL EQUIPMENT
 X RAY ANALYSIS

FLUOROSILICATES

- UF FLUOROMICA
 GS SILICON COMPOUNDS
 . SILICATES
 . . FLUOROSILICATES
 RT
 MINERALS

FLUORPHLOGOPITE

- GS MINERALS
 . FLUORPHLOGOPITE

FLUORSPAR

- GS CALCIUM COMPOUNDS
 . CALCIUM FLUORIDES
 . . FLUORSPAR
 HALOGEN COMPOUNDS
 . FLUORINE COMPOUNDS
 . . FLUORIDES
 . . . DIFLUORIDES
 CALCIUM FLUORIDES
 FLUORSPAR
 . HALIDES
 . . FLUORIDES
 . . . DIFLUORIDES
 CALCIUM FLUORIDES
 FLUORSPAR
 . METAL HALIDES
 . . CALCIUM FLUORIDES
 . . . FLUORSPAR
 MINERALS
 . FLUORSPAR

FLUSHING

- RT CLEANING
 EJECTION
 ELUTION
 EXPELLANTS
 LEACHING
 PURGING
 PURIFICATION
 SEPARATION
 VENTING
 WASHING
 WASTE WATER

FLUTING

- USE GROOVING

FLUTTER

- UF AERODYNAMIC BUZZ
 AEROMAGNETO FLUTTER
 GS VIBRATION
 . STRUCTURAL VIBRATION
 . . FLUTTER
 . . . PANEL FLUTTER
 . . . SUBSONIC FLUTTER
 . . . SUPERSONIC FLUTTER
 . . . TRANSONIC FLUTTER
 RT
 AERODYNAMIC NOISE
 AERODYNAMIC STABILITY
 AEROELASTICITY
 BENDING
 BENDING VIBRATION
 BOUNDARY LAYER CONTROL
 BUFFETING
 COMPRESSIBILITY EFFECTS

FLUTTER ANALYSIS

FLUTTER-(CONT.)

FLAPPING
FLIGHT CHARACTERISTICS
FORCED VIBRATION
HOVERING
HYDROFOIL OSCILLATIONS
INFLUENCE COEFFICIENT
MISSILE VIBRATION
RANDOM VIBRATION
RESONANT VIBRATION
SELF INDUCED VIBRATION
SHAKING
SPACECRAFT MOTION
TURBULENCE EFFECTS
UNDAMPED OSCILLATIONS
VIBRATION SIMULATORS
VIBRATION TESTS
VIBRATIONAL STRESS
WING OSCILLATIONS

FLUTTER ANALYSIS

GS STRUCTURAL ANALYSIS
FLUTTER ANALYSIS
RT STRUCTURAL VIBRATION

FLUX

SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)*

RT FLUX (RATE)
FLUX DENSITY
FLUX QUANTIZATION
FLUXES
LEVEL (QUANTITY)

FLUX (RATE PER UNIT AREA)

USE FLUX DENSITY

FLUX (RATE)

SN (THE TOTAL EMANATION OF ENERGY, MATERIAL OR PARTICLES FROM A SINGLE SOURCE PER UNIT TIME--OFTEN USED ERRONEOUSLY IN LIEU OF FLUX DENSITY, WHICH IS ENERGY, MATERIAL OR PARTICLE RATE PER UNIT AREA)

UF ELECTRON FLUX
NEUTRON FLUX
PARTICLE FLUX

GS RATES (PER TIME)
FLUX (RATE)
HEAT FLUX
MAGNETIC FLUX
SOLAR FLUX

RT BETA PARTICLES
BRIGHTNESS
CORPUSCULAR RADIATION
DOSIMETERS
ELECTROMAGNETIC RADIATION
EMITTANCE

ENERGY
FIELD THEORY (PHYSICS)
FLUX DENSITY
GAMMA RAYS

INTENSITY
LEVEL (QUANTITY)
LUMINOUS INTENSITY
MAGNETIC CIRCUITS
MAGNETIC INDUCTION
MAGNETOSTATICS
PARTICLE BEAMS
PARTICLE DIFFUSION

POWER
RADIANT FLUX DENSITY
RADIATION
STEFAN-BOLTZMANN LAW

FLUX DENSITY

SN (ENERGY, MATERIAL OR PARTICLE RATE PER UNIT AREA--THE QUANTITY USUALLY MEASURED EXCEPT WHEN THE TOTAL EMANATION RATE FROM A SINGLE SOURCE CAN BE DETERMINED)

UF DENSITY (RATE/AREA)
ENERGY DENSITY
FLUX (RATE PER UNIT AREA)
FLUX MAPPING

GS RATES (PER TIME)
FLUX DENSITY
CURRENT DENSITY
PHOTON DENSITY
RADIANT FLUX DENSITY
IRRADIANCE
ILLUMINANCE
SOLAR CONSTANT
LUMENS

FLUX DENSITY-(CONT.)

LUMINOUS INTENSITY
ILLUMINANCE
LUMINANCE
PARTICLE FLUX DENSITY
ELECTRON FLUX DENSITY
NEUTRON FLUX DENSITY
PROTON FLUX DENSITY
RADIANCE
RADIANCY
SOLAR FLUX DENSITY
SOLAR CONSTANT
SOUND INTENSITY
ZERO SOUND

RT ALPHA PARTICLES
ANGULAR DISTRIBUTION
ATOM CONCENTRATION
DENSITY
DOSIMETERS
ELECTROMAGNETIC RADIATION
ENERGY

ENERGY DISTRIBUTION
FIELD INTENSITY METERS
FIELD STRENGTH
FIELD THEORY (PHYSICS)
FLUX (RATE)
GAMMA RAYS
HEAT FLUX

INTENSITY
IRRADIATION
LEVEL (QUANTITY)
LOUDNESS
MASS DISTRIBUTION
METEOROID CONCENTRATION
ONSAGER PHENOMENOLOGICAL COEFFICIENT

POWER
POWER SPECTRA
PROTONS

RADIATION
RADIATION DISTRIBUTION
RADIATION HAZARDS
REMANENCE
SCATTERING FUNCTIONS
SOLAR MAXIMUM MISSION
SOUND PRESSURE
SPECTRA
X RAY DENSITY MEASUREMENT

FLUX MAPPING

USE FLUX DENSITY
MAPPING

FLUX PINNING

GS PINNING
FLUX PINNING
RT LINES OF FORCE
MAGNETIC FLUX
SUPERCONDUCTIVITY
TRAPPED MAGNETIC FIELDS
TRAPPING

FLUX PUMPS

RT MAGNETIC COILS
MAGNETIC FIELDS
SUPERCONDUCTING MAGNETS
SUPERCONDUCTIVITY

FLUX QUANTIZATION

RT FLUX

FLUXES

RT BRAZING
FLUX
LIMESTONE
SOLDERING
WELDING

FLUXMETERS

USE MAGNETIC MEASUREMENT
MEASURING INSTRUMENTS

FLY ASH

GS ASHES
FLY ASH
RT AIR POLLUTION
COAL
COMBUSTION PRODUCTS
ELECTRIC POWER PLANTS
ELECTROSTATIC PRECIPITATORS
POLLUTION CONTROL

FLY BY TUBE CONTROL

GS FLIGHT CONTROL
FLY BY TUBE CONTROL

NASA THESAURUS (VOLUME 1)

FLY BY TUBE CONTROL-(CONT.)

RT AIRCRAFT CONTROL
FLUIDIC CIRCUITS
HYDRAULIC EQUIPMENT
SERVOAMPLIFIERS

FLY BY WIRE CONTROL

GS FLIGHT CONTROL
FLY BY WIRE CONTROL
RT AIRCRAFT CONTROL
GROUND BASED CONTROL
SPACECRAFT CONTROL

FLYBY MISSIONS

GS FLYBY MISSIONS
ASTEROID MISSIONS
GRAND TOURS
MARINER JUPITER-SATURN FLYBY
MARINER JUPITER-URANUS FLYBY
VOYAGER 1977 MISSION
MARINER VENUS-MERCURY 1973
MARINER-MERCURY 1973
RT GALILEO PROJECT
GALILEO SPACECRAFT
INTERPLANETARY FLIGHT
LONG DURATION SPACE FLIGHT
LUNAR FLIGHT
MARINER PROGRAM
MISSIONS
OUTER PLANETS EXPLORERS
SPACE FLIGHT
SPACE MISSIONS
SWINGBY TECHNIQUE
TOPS (SPACECRAFT)
VOYAGER 1 SPACECRAFT
VOYAGER 2 SPACECRAFT

FLYING

USE FLIGHT

FLYING BEDSTEAD AIRCRAFT

USE FLYING PLATFORMS

FLYING CRANE HELICOPTER

USE H-17 HELICOPTER

FLYING EJECTION SEATS

GS ONBOARD EQUIPMENT
AIRCRAFT EQUIPMENT
FLYING EJECTION SEATS
SAFETY DEVICES
EJECTION SEATS
FLYING EJECTION SEATS
SEATS
EJECTION SEATS
FLYING EJECTION SEATS
RT ABORT APPARATUS
AIRCRAFT SAFETY
BAILOUT
COCKPITS
EJECTORS
ESCAPE CAPSULES
FLIGHT SAFETY
JET ENGINES
PROTECTION

FLYING PERSONNEL

GS PERSONNEL
FLYING PERSONNEL
ASTRONAUTS
ORBITAL WORKERS
COSMONAUTS
FLIGHT CREWS
SPACECREWS
PILOTS (PERSONNEL)
AIRCRAFT PILOTS
TEST PILOTS
RT FLIGHT FITNESS
FLIGHT TRAINING
NAVIGATORS

FLYING PLATFORM STABILITY

USE AERODYNAMIC STABILITY
FLYING PLATFORMS

FLYING PLATFORMS

UF FLYING BEDSTEAD AIRCRAFT
FLYING PLATFORM STABILITY
V/STOL AIRCRAFT
VERTICAL TAKEOFF AIRCRAFT
FLYING PLATFORMS
RT AIRCRAFT
GROUND EFFECT MACHINES
JET AIRCRAFT

FLYING PLATFORMS-(CONT.)

- OBSERVATION AIRCRAFT
- ∞ PLATFORMS
- RECONNAISSANCE AIRCRAFT
- RESEARCH AIRCRAFT
- ∞ SUBSONIC AIRCRAFT
- VZ-8 AIRCRAFT

FLYING QUALITIES

- USE FLIGHT CHARACTERISTICS

FLYING SPOT SCANNERS

- GS SCANNERS
- OPTICAL SCANNERS
- ∞ FLYING SPOT SCANNERS
- RT DISPLAY DEVICES
- ELECTRON GUNS
- ELECTRON OPTICS
- IMAGE TUBES
- OSCILLOSCOPES
- PHOTOTUBES
- PICTURE TUBES
- TELEVISION EQUIPMENT
- VIDEO EQUIPMENT

FLYING WING AIRCRAFT

- USE TAILLESS AIRCRAFT

FLYWHEELS

- GS ROTATING BODIES
- ROTORS
- ∞ FLYWHEELS
- WHEELS
- ∞ FLYWHEELS
- RT BALANCING
- COUNTER-ROTATING WHEELS
- ENERGY STORAGE
- ENGINE PARTS
- MECHANICAL ENGINEERING
- REACTION WHEELS

FM/PM (MODULATION)

- GS MODULATION
- FREQUENCY MODULATION
- ∞ FM/PM (MODULATION)
- PHASE MODULATION
- ∞ FM/PM (MODULATION)
- RT DATA TRANSMISSION

FOAMING

- RT BENEFICIATION
- FLOTATION
- FOAMS
- METAL FOAMS
- ∞ SEPARATION
- SURFACE PROPERTIES
- SWIRLING
- WETTING

FOAMS

- UF CELLULAR MATERIALS (NON BIOLOGICAL)
- GS FOAMS
- METAL FOAMS
- RT BUBBLES
- COLLOIDS
- EXPLOSION SUPPRESSION
- FOAMING
- LOW DENSITY MATERIALS
- POLYURETHANE FOAM
- STYROFOAM (TRADEMARK)

FOCI

- GS FOCI
- PLASMA FOCUS
- RT ∞ CENTERS
- FOCUSING
- GEOMETRY
- LOCI
- ∞ OPTICS
- POINTS (MATHEMATICS)
- RESOLUTION

FOCUSING

- GS FOCUSING
- DEFOCUSING
- PREFOCUSING
- SELF FOCUSING
- RT ACCOMMODATION
- ADJUSTING
- ASTIGMATISM
- CAMERAS
- DISTANCE
- FOCI

FOCUSING-(CONT.)

- FRESNEL LENSES
- GEOMETRICAL OPTICS
- GRAVITATIONAL LENSES
- IMAGE CONTRAST
- IMAGE ENHANCEMENT
- LASER CUTTING
- LASER DRILLING
- LENSES
- PANORAMIC CAMERAS
- SOLAR REFLECTORS
- STEERING
- STIGMATISM
- VIGNETTING

FOETUSES

- USE FETUSES

FOG

- GS MIXTURES
- DISPERSIONS
- COLLOIDS
- AEROSOLS
- FOG
- LIQUID-GAS MIXTURES
- AEROSOLS
- FOG
- PARTICLES
- AEROSOLS
- FOG
- RT ANVIL CLOUDS
- CIRROCUMULUS CLOUDS
- CIRROSTRATUS CLOUDS
- CLOUDS (METEOROLOGY)
- DROP SIZE
- HAZE
- HAZE DETECTION
- MIST
- PRECIPITATION (METEOROLOGY)
- SMOG
- SMOKE
- STEAM
- STRATUS CLOUDS
- VISIBILITY

FOG DISPERSAL

- GS WEATHER MODIFICATION
- FOG DISPERSAL
- RT AEROSOLS
- CLIMATOLOGY
- CLOUD PHYSICS
- CLOUDS (METEOROLOGY)
- DISPERSING
- DISPERSIONS
- MIST
- PRECIPITATION (METEOROLOGY)

FOIL BEARINGS

- GS BEARINGS
- FOIL BEARINGS

∞ FOILS

- SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED-CONSULT THE TERMS LISTED BELOW)*

- RT AIRFOILS
- FOILS (MATERIALS)
- HYDROFOILS
- MULTILAYER INSULATION

FOILS (MATERIALS)

- GS FOILS (MATERIALS)
- METAL FOILS
- RT AIRFOILS
- ∞ FOILS
- HYDROFOILS
- MULTILAYER INSULATION
- THIN PLATES

FOKKER AIRCRAFT

- GS FOKKER AIRCRAFT
- F-27 AIRCRAFT
- F-28 TRANSPORT AIRCRAFT
- RT ∞ AIRCRAFT

FOKKER BOND TESTERS

- USE ADHESION TESTS

FOKKER F 27 AIRCRAFT

- USE F-27 AIRCRAFT

FOKKER F 28 AIRCRAFT

- USE F-28 TRANSPORT AIRCRAFT

FOKKER FRIENDSHIP AIRCRAFT

- USE F-27 AIRCRAFT

FOKKER-PLANCK EQUATION

- GS ANALYSIS (MATHEMATICS)
- REAL VARIABLES
- DIFFERENTIAL EQUATIONS
- PARTIAL DIFFERENTIAL EQUATIONS
- FOKKER-PLANCK EQUATION
- RT BOLTZMANN TRANSPORT EQUATION
- BROWNIAN MOVEMENTS
- DENSITY DISTRIBUTION
- DIFFUSION THEORY
- ∞ EQUATIONS
- IONIZED GASES
- STOCHASTIC PROCESSES

FOLDING

- UF CRIMPING
- RT BENDING
- BINDING
- CURL (MATERIALS)
- DISTORTION
- FLEXING

FOLDING FIN AIRCRAFT ROCKET VEHICLE

- UF FFAR ROCKET VEHICLE
- GS ROCKET VEHICLES
- FOLDING FIN AIRCRAFT ROCKET VEHICLE
- RT ∞ AIRCRAFT
- SOLID PROPELLANT ROCKET ENGINES

FOLDING STRUCTURES

- UF ROGALLO WINGS
- GS FOLDING STRUCTURES
- SAILWINGS
- RT ANTENNAS
- BALLOONS
- BALLUTES
- EXPANDABLE STRUCTURES
- FURLABLE ANTENNAS
- INFLATABLE STRUCTURES
- PADDLES
- PARACHUTES
- PARAGLIDERS
- PARAVULCOONS
- PARAWINGS
- ROTARY WINGS
- SPACE ERECTABLE STRUCTURES
- SPACECRAFT STRUCTURES
- ∞ STRUCTURES
- VARIABLE GEOMETRY STRUCTURES
- VARIABLE SWEEP WINGS

FOLDS (GEOLOGY)

- UF NAPPES
- RT EARTH CRUST
- FISSURES (GEOLOGY)
- GEOLOGICAL FAULTS
- GREAT BASIN (US)
- ∞ LAYERS
- OUTCROPS
- ROCKS
- SEAMOUNTS
- STRATA
- STRATIFICATION

FOLIAGE

- GS PLANTS (BOTANY)
- FOLIAGE
- RT BROWN WAVE EFFECT
- CANOPIES (VEGETATION)
- COPSES
- DECIDUOUS TREES
- DEFOLIANTS
- GREEN WAVE EFFECT
- HERBICIDES
- LEAVES
- LOCUSTS
- TIMBER VIGOR

FOLIC ACID

- UF VITAMIN M
- GS ACIDS
- AMINO ACIDS
- FOLIC ACID
- HETEROCYCLIC COMPOUNDS
- FOLIC ACID
- NITROGEN COMPOUNDS
- FOLIC ACID
- ORGANIC COMPOUNDS
- AMINO ACIDS
- FOLIC ACID
- VITAMINS

FOOD

FOLIC ACID-(CONT.) FOLIC ACID

∞ FOOD

SN *(USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)*

RT ALFALFA
BARLEY
BEVERAGES
BROTHS
CALORIC REQUIREMENTS
CANNING
CARBOHYDRATES
CITRUS TREES
CONSUMABLES (SPACECREW SUPPLIES)
CORN
DECONTAMINATION
DEHYDRATED FOOD
DIETS
DIGESTING
DISTRIBUTING
EARTH RESOURCES
EATING
EGGS
FATS
FISHES
FLOUR (FOOD)
FOOD CHAIN
FROZEN FOODS
FRUITS
GELATINS
HAY
LEGUMINOUS PLANTS
MILK
MILLET
NUTRITION
OATS
ORCHARDS
PEPPERS
POTATOES
PRESERVING
PROTEINS
PROVISIONING
RATIONS
SERVICES
SOYBEANS
SPACE FLIGHT FEEDING
SPACE RATIONS
SPINACH
STARCHES
SUGAR CANE
SUGARS
SYNTHETIC FOOD
VEGETABLES
VINEYARDS
VITAMINS
YEAST

FOOD CHAIN

RT ANIMALS
ECOSYSTEMS
∞ FOOD
PLANTS (BOTANY)

FOOD INTAKE

RT SPACE FLIGHT FEEDING
SYNTHETIC FOOD

FOOD PROCESSING

GS FOOD PROCESSING
CANNING
PRESERVING
RT DEHYDRATED FOOD
FROZEN FOODS
∞ PROCESSING

FOOTPRINTS

RT AIRCRAFT NOISE
ANTENNA RADIATION PATTERNS
MATHEMATICAL MODELS

FORBIDDEN BANDS

GS ENERGY BANDS
FORBIDDEN BANDS
RT BAND STRUCTURE OF SOLIDS
ELECTRON ENERGY
FREE ELECTRONS
LATTICE VIBRATIONS
WAVE EQUATIONS

FORBIDDEN TRANSITIONS

RT ELECTRON TRANSITIONS
FRANCK-CONDON PRINCIPLE
QUANTUM THEORY

FORBIDDEN TRANSITIONS-(CONT.)

SELECTION RULES (NUCLEAR PHYSICS)
∞ SOLID STATE PHYSICS
∞ TRANSITION
WAVE FUNCTIONS

FORBUSH DECREASES

UF FORBUSH EFFECT
RT COSMIC RAYS
MAGNETIC STORMS
SOLAR FLARES
SOLAR FURNACES
SOLAR STORMS

FORBUSH EFFECT

USE FORBUSH DECREASES

∞ FORCE

SN *(USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)*

UF REPULSION
RT ACCELERATION (PHYSICS)
AERODYNAMIC FORCES
ATTRACTION
CENTRIFUGAL FORCE
CENTRIPETAL FORCE
ELECTRIC FIELD STRENGTH
HIGH IMPULSE
INERTIA
KINETICS
LINES OF FORCE
LOADS (FORCES)
LORENTZ FORCE
NEWTON
NONCONSERVATIVE FORCES
NULL ZONES
PONDEROMOTIVE FORCES
PRESSURE
PULLING
PUSHING
THRUST
THRUST MEASUREMENT
TORQUE
TORSION
VAN DER WAAL FORCES
WEIGHT (MASS)
ZERO FORCE CURVES

FORCE DISTRIBUTION

UF LIFT DISTRIBUTION
NORMAL FORCE DISTRIBUTION
GS DISTRIBUTION (PROPERTY)
FORCE DISTRIBUTION
RT AERODYNAMIC COEFFICIENTS
AERODYNAMIC LOADS
ANGULAR DISTRIBUTION
CHARGE DISTRIBUTION
ENERGY DISTRIBUTION
INFLUENCE COEFFICIENT
LIFT DRAG RATIO
LOADS (FORCES)
MASS DISTRIBUTION
MOMENT DISTRIBUTION
SCALE EFFECT
STRESS CONCENTRATION
STRESS INTENSITY FACTORS
SWEEP EFFECT
THRUST DISTRIBUTION
WING LOADING

FORCE FIELDS

USE FIELD THEORY (PHYSICS)

FORCE VECTOR RECORDERS

GS MEASURING INSTRUMENTS
FORCE VECTOR RECORDERS
RECORDING INSTRUMENTS
FORCE VECTOR RECORDERS
RT ∞ INSTRUMENTS

FORCE-FREE MAGNETIC FIELDS

GS MAGNETIC FIELDS
FORCE-FREE MAGNETIC FIELDS

FORCED CONVECTION

GS CONVECTION
FORCED CONVECTION
RT BLOWING
CONVECTIVE HEAT TRANSFER
FREE CONVECTION
HEAT TRANSFER
LAMINAR FLOW
PRANDTL NUMBER
STANTON NUMBER

NASA THESAURUS (VOLUME 1)

FORCED OSCILLATION

USE FORCED VIBRATION

FORCED VIBRATION

UF FORCED OSCILLATION
FORCED VIBRATORY MOTION
EQUATIONS
GS VIBRATION
FORCED VIBRATION
RT FLUTTER
FREE VIBRATION
RANDOM VIBRATION
SELF EXCITATION
SELF INDUCED VIBRATION

FORCED VIBRATORY MOTION EQUATIONS

USE EQUATIONS
FORCED VIBRATION

FOREARM

GS ANATOMY
LIMBS (ANATOMY)
ARM (ANATOMY)
FOREARM
APPENDAGES
ARM (ANATOMY)
FOREARM

FOREBODIES

GS AIRCRAFT STRUCTURES
FOREBODIES
NOSES (FOREBODIES)
RT AFTERBODIES
BLUFF BODIES
BLUNT BODIES
BLUNT LEADING EDGES
BOWS
CENTERBODIES
CYLINDRICAL BODIES
HAMMERHEAD CONFIGURATION
LEADING EDGES

FORECASTING

UF FORECASTS
GS FORECASTING
DELPHI METHOD (FORECASTING)
PERFORMANCE PREDICTION
PREDICTION ANALYSIS TECHNIQUES
TECHNOLOGICAL FORECASTING
PATTERN METHOD (FORECASTING)
PROBE METHOD (FORECASTING)
PROFILE METHOD (FORECASTING)
WEATHER FORECASTING
LONG RANGE WEATHER
FORECASTING
NUMERICAL WEATHER FORECASTING
STATISTICAL WEATHER
FORECASTING

RT ∞ ANALYZING
ASTROLOGY
BUDGETING
CONFIDENCE LIMITS
CORRELATION
CURVE FITTING
ESTIMATES
ESTIMATING
EVALUATION
EXPECTATION
EXTRAPOLATION
MANAGEMENT
MANAGEMENT METHODS
MANAGEMENT PLANNING
MATHEMATICAL MODELS
MAXIMUM LIKELIHOOD ESTIMATES
MISSION PLANNING
NOISE PREDICTION (AIRCRAFT)
OPERATIONS RESEARCH
PLANNING
PREDICTIONS
PROBABILITY THEORY
PROJECT PLANNING
PROJECTION
REGRESSION ANALYSIS
REGRESSION COEFFICIENTS
RELIABILITY
RESERVES
RISK
SCHEDULING
STATISTICAL ANALYSIS
STATISTICAL DISTRIBUTIONS
SYSTEMS ENGINEERING
TIME SERIES ANALYSIS
TRENDS

FORECASTS

USE FORECASTING

FOREHEAD

GS FACE (ANATOMY)

. FOREHEAD

RT HEAD (ANATOMY)

SKULL

FOREIGN BODIES

RT AIRCRAFT HAZARDS

∞ BODIES

INJURIES

METEORITES

FOREIGN POLICY

GS FOREIGN POLICY

. INTERNATIONAL RELATIONS

. . . INTERNATIONAL COOPERATION

. . . OUTER SPACE TREATY

RT ∞ BUDGETS

EUROPEAN SPACE PROGRAMS

INTERNATIONAL HYDROLOGICAL

DECADE

FOREIGN TRADE

RT ECONOMICS

FORENSIC SCIENCES

USE LAW (JURISPRUDENCE)

FOREST FIRE DETECTION

GS DETECTION

. FOREST FIRE DETECTION

RT AERIAL PHOTOGRAPHY

∞ DETECTORS

HAZE DETECTION

INFRARED DETECTORS

INFRARED INSTRUMENTS

INFRARED PHOTOGRAPHY

INFRARED RADIOMETERS

INFRARED SCANNERS

MEASURING INSTRUMENTS

OBSERVATION

RADIOMETERS

SATELLITE-BORNE PHOTOGRAPHY

SURVEILLANCE

FOREST FIRES

GS FIRES

. FOREST FIRES

RT AIR POLLUTION

ASHES

COMBUSTION

FIRE PREVENTION

FIREBREAKS

FLAMES

FORESTS

SMOKE

WASTES

FOREST MANAGEMENT

GS MANAGEMENT

. RESOURCES MANAGEMENT

. . FOREST MANAGEMENT

RT CONSERVATION

EARTH RESOURCES

FORESTS

LAND USE

REGIONAL PLANNING

TIMBER INVENTORY

FORESTS

UF LUMBERING AREAS

GS RESOURCES

. EARTH RESOURCES

. . FORESTS

. . . RAIN FORESTS

RT AMAZON REGION (SOUTH AMERICA)

CANOPIES (VEGETATION)

CLEARINGS (OPENINGS)

CONIFERS

CONSERVATION

DECIDUOUS TREES

DEFOLIANTS

DEFOLIATION

DEFORESTATION

FIREBREAKS

FOREST FIRES

FOREST MANAGEMENT

HERBICIDES

LOGGING (INDUSTRY)

PLANTS (BOTANY)

REGIONAL PLANNING

FORESTS-(CONT.)

SILVICULTURE

TIMBER IDENTIFICATION

TIMBER INVENTORY

TIMBER VIGOR

TIMBERLINE

TREES (PLANTS)

WILDERNESS

FORGING

UF METAL FORGING

GS FORMING TECHNIQUES

. FORGING

METAL WORKING

. FORGING

RT AUSFORMING

BILLETS

BULGING

CASTING

COINING

COLD WORKING

HEAT TREATMENT

HOT PRESSING

HOT WORKING

PIERCING

PRESSING (FORMING)

RHEOCASTING

∞ ROLLING

STAMPING

FORKS

RT CONVEYORS

HOOKS

FORM

USE SHAPES

FORM FACTORS

RT APPROXIMATION

COUPLING COEFFICIENTS

FUNCTIONAL ANALYSIS

HARMONIC ANALYSIS

RECTIFIERS

SCATTERING COEFFICIENTS

SERIES (MATHEMATICS)

SQUARE WAVES

TRANSUDERS

∞ VARIABLE

WAVEFORMS

X RAY SCATTERING

FORM PERCEPTION

USE SPACE PERCEPTION

FORMALDEHYDE

GS ALDEHYDES

. FORMALDEHYDE

RT PHENOL FORMALDEHYDE

FORMALISM

RT COMPUTER PROGRAMMING

DYNAMIC PROGRAMMING

LINEAR PROGRAMMING

∞ LOGIC

NONLINEAR PROGRAMMING

PARAMETERIZATION

SCHEDULING

FORMAT

RT COMPUTER PROGRAMMING

DOCUMENTS

EDITING

PRINTOUTS

RECORDS

SYNTAX

TEXTS

FORMATES

GS FORMATES

. CHLOROFORMATE

. NITROFORMATES

RT FORMIC ACID

∞FORMATION

SN (USE OF A MORE SPECIFIC TERM IS

RECOMMENDED -- CONSULT THE

TERMS LISTED BELOW)

RT FORMATIONS

GROWTH

NUCLEATION

STRATIGRAPHY

FORMATION HEAT

USE HEAT OF FORMATION

FORMATIONS

RT CONTACTS (GEOLOGY)

∞ FORMATION

FRACTURING

GAS INJECTION

GEOLOGICAL FAULTS

GEOLOGY

GEOPHYSICS

GREAT BASIN (US)

∞ LAYERS

MOUNTAINS

OUTCROPS

OUTLIERS (LANDFORMS)

PALEONTOLOGY

PERFORATING

PERMEABILITY

PETROLOGY

POROSITY

ROCKS

SHATTER CONES

SOILS

STAIRSTEPS

STRATIGRAPHY

TERRACES (LANDFORMS)

WETTABILITY

FORMHYDROXAMIC ACID

GS ALIPHATIC COMPOUNDS

. FORMHYDROXAMIC ACID

NITROGEN COMPOUNDS

. AMIDES

. . FORMHYDROXAMIC ACID

FORMIC ACID

GS ALIPHATIC COMPOUNDS

. FORMIC ACID

RT FORMATES

FORMICA

RT LAMINATES

∞ POLYMERS

THERMOSETTING RESINS

FORMING TECHNIQUES

SN (TECHNIQUES OF SHAPING ITEM)

UF METAL FORMING

GS FORMING TECHNIQUES

. AUSFORMING

. CASTING

. . CENTRIFUGAL CASTING

. . INVESTMENT CASTING

. . PROPELLANT CASTING

. . RHEOCASTING

. . SLIP CASTING

. COLD WORKING

. COLD ROLLING

. . ELECTROHYDRAULIC FORMING

. . EXPLOSIVE FORMING

. . ELECTROFORMING

. EXTRUDING

. . PULTRUSION

. FORGING

. HOT WORKING

. INJECTION MOLDING

. MAGNETIC FORMING

. METAL DRAWING

. METAL SPINNING

. . HYDROSPINNING

. PRESSING (FORMING)

. . BLANKING (CUTTING)

. . COINING

. . STAMPING

. . ROLL FORMING

RT ∞ BLANKING

CUTTING

DEPOSITION

ELECTROMAGNETIC HAMMERS

HOT MACHINING

LASER CUTTING

MACHINING

METAL GRINDING

METAL WORKING

SPRAYING

UPSETTING

FORMS (PAPER)

RT BLANKS

DATA ACQUISITION

∞FORMULAS

SN (USE OF A MORE SPECIFIC TERM IS

RECOMMENDED--CONSULT THE TERMS

LISTED BELOW)

RT COMPUTATION

FORMULAS (MATHEMATICS)

FORMULAS (MATHEMATICS)

FORMULAS-(CONT.)

FORMULATIONS
KRAMERS-KRONIG FORMULA

FORMULAS (MATHEMATICS)

UF EXPRESSIONS (MATHEMATICS)
GS MATHEMATICAL LOGIC
FORMULAS (MATHEMATICS)
BETHE-HEITLER FORMULA
RT ∞ FORMULAS
MATHEMATICS

FORMULATIONS

RT ADMIXTURES
 ∞ COMPOSITION
FORMULAS
INGREDIENTS
MIXTURES
PARAMETERIZATION
STOICHIOMETRY

FORSTERITE

GS MAGNESIUM COMPOUNDS
FORSTERITE
MINERALS
OLIVINE
FORSTERITE
SILICON COMPOUNDS
SILICATES
FORSTERITE
RT REFRACTORIES

FORTISAN (TRADEMARK)

GS ALIPHATIC COMPOUNDS
POLYSACCHARIDES
CELLULOSE
FORTISAN (TRADEMARK)
CARBOHYDRATES
POLYSACCHARIDES
CELLULOSE
FORTISAN (TRADEMARK)
FABRICS
FORTISAN (TRADEMARK)
FIBERS
SYNTHETIC FIBERS
FORTISAN (TRADEMARK)
RT PARACHUTE FABRICS

FORTRAN

UF FAB (PROGRAMMING LANGUAGE)
GS LANGUAGES
PROGRAMMING LANGUAGES
FORTRAN
RT COBOL
COMPILED
COMPUTER PROGRAMMING
PL/1

FORWARD LOOKING INFRARED DETECTORS

USE FLIR DETECTORS

FORWARD SCATTERING

GS SCATTERING
FORWARD SCATTERING
RT BACKSCATTERING
INVERSE SCATTERING
LIGHT SCATTERING
NUCLEAR SCATTERING
SCATTER PROPAGATION

FOSSIL FUELS

GS RESOURCES
EARTH RESOURCES
FOSSIL FUELS
COAL
LIGNITE
SOLVENT REFINED COAL
CRUDE OIL
RT CARBONACEOUS MATERIALS
UNDERWATER RESOURCES

FOSSIL METEORITE CRATERS

USE FOSSILS
METEORITE CRATERS

FOSSILS

UF FOSSIL METEORITE CRATERS
RT ARCHAEOLOGY
PALEOBIOLOGY
PALEONTOLOGY
PARTICLE TRACKS
RADIOACTIVE AGE DETERMINATION

FOSTER THEORY

RT NETWORK ANALYSIS
REACTANCE
RESONANCE
 ∞ THEORIES

FOULING

GS FOULING
ANTIFOULING
RT CONTAMINATION
CORROSION
DEPOSITION
ICE FORMATION
PLUGGING
RETARDING

FOULIS THEOREM

GS THEOREMS
FOULIS THEOREM

FOUNDATIONS

UF BASES (FOUNDATIONS)
STRUCTURAL FOUNDATIONS
GS FOUNDATIONS
PILE FOUNDATIONS
RT BASEMENTS
 ∞ BASES
CAISSONS
CONCRETE STRUCTURES
EXCAVATION
GEOTECHNICAL ENGINEERING
OVERCONSOLIDATION
 ∞ PAD
PAVEMENTS
SKIRTS
STRUCTURAL MEMBERS
 ∞ STRUCTURES
SUBSTRUCTURES
SUPPORTS
UNDERGROUND STRUCTURES

FOUNDRIES

GS INDUSTRIAL PLANTS
FOUNDRIES
RT FURNACES
 ∞ METALLURGY
MOLDS

FOUR BODY PROBLEM

RT CELESTIAL MECHANICS
MANY BODY PROBLEM
ORBITS
PERTURBATION
 ∞ PROBLEMS
THREE BODY PROBLEM

FOURIER ANALYSIS

GS ANALYSIS (MATHEMATICS)
FOURIER ANALYSIS
FOURIER SERIES
RT AUTOCORRELATION
DATA COMPRESSION
DIFFERENTIAL EQUATIONS
DIVERGENCE
EXPONENTIAL FUNCTIONS
FREQUENCY DISTRIBUTION
HARMONIC ANALYSIS
HARMONIC EXCITATION
HARMONIC FUNCTIONS
HARMONIC GENERATIONS
HARMONIC OSCILLATION
HARMONICS
INFORMATION THEORY
KURTOSIS
LINEAR TRANSFORMATIONS
MEASURE AND INTEGRATION
OPERATIONAL CALCULUS
PERIODIC FUNCTIONS
PERIODIC VARIATIONS
REAL VARIABLES
SIMPLE HARMONIC MOTION
TIME SERIES ANALYSIS

FOURIER LAW

GS LAWS
FOURIER LAW
RT THERMAL CONDUCTIVITY

FOURIER SERIES

GS ANALYSIS (MATHEMATICS)
CALCULUS
SERIES (MATHEMATICS)
FOURIER SERIES
FOURIER ANALYSIS
FOURIER SERIES

NASA THESAURUS (VOLUME 1)

FOURIER SERIES-(CONT.)

REAL VARIABLES
SERIES (MATHEMATICS)
FOURIER SERIES
RT GIBBS PHENOMENON

FOURIER TRANSFORMATION

GS ANALYSIS (MATHEMATICS)
FUNCTIONAL ANALYSIS
INTEGRAL TRANSFORMATIONS
FOURIER TRANSFORMATION
FUNCTIONS (MATHEMATICS)
FOURIER TRANSFORMATION
RT BBGKY HIERARCHY
HOLOGRAPHIC SPECTROSCOPY
MAXIMUM ENTROPY METHOD
WALSH FUNCTION

FOURIER-BESSEL TRANSFORMATIONS

GS ANALYSIS (MATHEMATICS)
CALCULUS
FOURIER-BESSEL
TRANSFORMATIONS
REAL VARIABLES
FOURIER-BESSEL
TRANSFORMATIONS
FUNCTIONS (MATHEMATICS)
FOURIER-BESSEL TRANSFORMATIONS
TRANSFORMATIONS (MATHEMATICS)
FOURIER-BESSEL TRANSFORMATIONS
RT DIFFERENTIAL EQUATIONS
SERIES (MATHEMATICS)

FOVEA

GS ANATOMY
SENSE ORGANS
EYE (ANATOMY)
RETINA
FOVEA
RT SACCADIC EYE MOVEMENTS

FR-1 SATELLITE

GS SATELLITES
ARTIFICIAL SATELLITES
FRENCH SATELLITES
FR-1 SATELLITE
EARTH SATELLITES
FRENCH SATELLITES
FR-1 SATELLITE

FRACTIONATION

GS FRACTIONATION
CHEMICAL FRACTIONATION
HYDROCRACKING
RT REFINING
RETORT PROCESSING
 ∞ SEPARATION
SOLVENT REFINED COAL

FRACTIONS

SN (EXCLUDES MATHEMATICAL CONCEPTS)
RT ∞ COMPONENTS
FINES
PARTICLE SIZE DISTRIBUTION
RATIOS

FRACTOGRAPHY

GS PHOTOGRAPHY
FRACTOGRAPHY
RT BRITTLENESS
CRACK CLOSURE
CRACK GEOMETRY
CRACK PROPAGATION
DUCTILITY
ELBER EQUATION
FATIGUE (MATERIALS)
FRACTURES (MATERIALS)
 ∞ METALLURGY

FRACTURE MECHANICS

UF FAULT MECHANICS
MOHR CIRCLES
RT CAUSTICS (OPTICS)
CRACK CLOSURE
CRACK INITIATION
CRACK PROPAGATION
ELBER EQUATION
FINITE-ELEMENT-METHOD
FRACTURING
GRIFFITH CRACK
HOLE GEOMETRY (MECHANICS)
ISOPARAMETRIC FINITE ELEMENTS
J INTEGRAL
 ∞ MECHANICS (PHYSICS)
PLANE STRAIN

FRACTURE MECHANICS-(CONT.)

ROCK MECHANICS
RUPTURING
SOIL MECHANICS
STRESS INTENSITY FACTORS
STRESS TENSORS

FRACTURE RESISTANCE

USE FRACTURE STRENGTH

FRACTURE STRENGTH

UF FRACTURE RESISTANCE
FRACTURE TOUGHNESS
GS MECHANICAL PROPERTIES
FRACTURE STRENGTH
RT BRITTLE MATERIALS
BRITTLENESS
CARBON-CARBON COMPOSITES
CRACK CLOSURE
CRACK INITIATION
CRACK PROPAGATION
CREEP RUPTURE STRENGTH
DUCTILITY
EARTHQUAKE RESISTANCE
EUTECTIC COMPOSITES
HARDNESS
J INTEGRAL
∞ RESISTANCE
RETIREMENT FOR CAUSE
∞ STRENGTH
TOUGHNESS
YIELD STRENGTH

FRACTURE TOUGHNESS

USE FRACTURE STRENGTH

FRACTURES (MATERIALS).

RT CRACKS
DAMAGE
DEFORMATION
FAILURE
FRACTOGRAPHY

FRACTURING

GS FRACTURING
CRUSTAL FRACTURES
RT BRITTLENESS
CHIPPING
CRACK CLOSURE
CRACK PROPAGATION
CRACKING (FRACTURING)
CUTTING
FLAKING
FORMATIONS
FRACTURE MECHANICS
FRAGMENTATION
FRAGMENTS
METAL FATIGUE
PERFORATING
∞ SEPARATION
SPALLING
SPLITTING
STRESS FUNCTIONS
STRUCTURAL FAILURE

FRAGMENTATION

UF SHATTERING
RT ACOUSTIC STREAMING
BREAKING
BURSTS
CHIPPING
COMMINUTION
FRACTURING
FRAGMENTS
PENETRATION
SABOT PROJECTILES
SHRAPNEL
SPALLING
TERMINAL BALLISTICS

FRAGMENTS

RT CHIPS
DEBRIS
EJECTA
FRACTURING
FRAGMENTATION
SHRAPNEL

FRAME PHOTOGRAPHY

GS PHOTOGRAPHY
FRAME PHOTOGRAPHY
RT BLACK AND WHITE PHOTOGRAPHY
FRAMING CAMERAS
HIGH SPEED CAMERAS

FRAMES

GS FRAMES
AIRFRAMES
CHASSIS
UNDERCARRIAGES
RT CARRIAGES
SPRINGS (ELASTIC)
∞ STRUCTURES
STRUTS
SUPPORTS
TRUSSES

FRAMING CAMERAS

GS OPTICAL EQUIPMENT
CAMERAS
HIGH SPEED CAMERAS
FRAMING CAMERAS
PHOTOGRAPHIC EQUIPMENT
CAMERAS
HIGH SPEED CAMERAS
FRAMING CAMERAS
RT FRAME PHOTOGRAPHY
ROTATING MIRRORS

FRANCE

RT ANDORRA
ENGLISH CHANNEL
EUROPE
FRENCH SPACE PROGRAMS
GUADELOUPE
NATIONS
PYRENEES MOUNTAINS (EUROPE)
RHONE DELTA (FRANCE)

FRANCIUM

GS CHEMICAL ELEMENTS
ALKALI METALS
FRANCIUM
METALS
ALKALI METALS
FRANCIUM

FRANCK-CONDON PRINCIPLE

RT BORN-OPPENHEIMER APPROXIMATION
COLOR CENTERS
CONDUCTION BANDS
ELECTRON TRANSITIONS
FORBIDDEN TRANSITIONS
OPTICAL TRANSITION

FRAUNHOFER LINE DISCRIMINATORS

GS CIRCUITS
DISCRIMINATORS
FRAUNHOFER LINE DISCRIMINATORS
RT ABSORPTION SPECTRA
LUMINESCENCE
MEASURING INSTRUMENTS
SPECTROSCOPIC ANALYSIS
SPECTROSCOPY

FRAUNHOFER LINES

GS SPECTRA
ABSORPTION SPECTRA
FRAUNHOFER LINES
RADIATION SPECTRA
ELECTROMAGNETIC SPECTRA
LINE SPECTRA
FRAUNHOFER LINES
SPECTRAL BANDS
FRAUNHOFER LINES
RT ABSORPTION SPECTROSCOPY
OPTOGALVANIC SPECTROSCOPY
SOLAR SPECTRA

FRAUNHOFER REGION

USE FAR FIELDS

FREDHOLM EQUATIONS

UF FREDHOLM OPERATORS
GS ANALYSIS (MATHEMATICS)
FUNCTIONAL ANALYSIS
INTEGRAL EQUATIONS
FREDHOLM EQUATIONS
RT POMERANCHUK THEOREM

FREDHOLM OPERATORS

USE FREDHOLM EQUATIONS
OPERATORS (MATHEMATICS)

FREE ATMOSPHERE

GS EARTH ATMOSPHERE
FREE ATMOSPHERE
BIOSPHERE
RT MIDDLE ATMOSPHERE

FREE ATMOSPHERE-(CONT.)

PRIMITIVE EARTH ATMOSPHERE

FREE BOUNDARIES

GS BOUNDARIES
FREE BOUNDARIES
RT FLUID BOUNDARIES
INTERFACES
JET FLOW
JET MIXING FLOW
JET STREAMS (METEOROLOGY)
LIQUID SURFACES
LIQUID-LIQUID INTERFACES
LIQUID-VAPOR INTERFACES

FREE CONVECTION

UF THERMAL CONVECTION
GS CONVECTION
FREE CONVECTION
RT CONVECTION CURRENTS
CONVECTIVE FLOW
CONVECTIVE HEAT TRANSFER
FORCED CONVECTION
LAMINAR FLOW
POROUS BOUNDARY LAYER CONTROL
THERMOSIPHONS
TURBULENT FLOW

FREE ELECTRON LASERS

GS STIMULATED EMISSION DEVICES
LASERS
FREE ELECTRON LASERS
RT WIGGLER MAGNETS

FREE ELECTRONS

GS CHARGE CARRIERS
FREE ELECTRONS
RT BRILLOUIN ZONES
CONDUCTION ELECTRONS
ELECTRON AVALANCHE
ELECTRON DENSITY (CONCENTRATION)
ELECTRON GAS
FORBIDDEN BANDS
PLASMA FREQUENCIES
RECOMBINATION COEFFICIENT

FREE ENERGY

GS THERMODYNAMIC PROPERTIES
FREE ENERGY
GIBBS FREE ENERGY
RT CHEMICAL ENERGY
ENERGY
ENERGY OF FORMATION
ENTHALPY
GIBBS-HELMHOLTZ EQUATIONS
INTERNAL ENERGY
LEVEL
MOLECULAR ENERGY LEVELS
THERMAL ENERGY
THERMODYNAMICS

FREE FALL

RT AIR DROP OPERATIONS
BALLISTIC TRAJECTORIES
FALLING SPHERES
PARACHUTE DESCENT
WEIGHTLESSNESS

FREE FLIGHT

RT FLIGHT
GLIDERS
GLIDING
HANG GLIDERS

FREE FLIGHT TEST APPARATUS

RT FLIGHT TESTS
TEST EQUIPMENT

FREE FLOW

UF FREE STREAM EFFECTS
FREE STREAMS
GS FLUID FLOW
FREE FLOW
RT VOID RATIO

FREE JETS

GS FLUID JETS
FREE JETS
RT JET BOUNDARIES
JET FLOW
JETS

FREE MOLECULAR FLOW

GS FLUID FLOW

FREE OSCILLATIONS

FREE MOLECULAR FLOW-(CONT.)

RT GAS FLOW
 . . . FREE MOLECULAR FLOW
 CONTINUUM FLOW
 KINETIC THEORY
 KNUDSEN FLOW
 MOLECULAR BEAMS
 RAREFIED GAS DYNAMICS
 RAREFIED GASES
 SLIP FLOW
 TRANSITION FLOW

FREE OSCILLATIONS

USE FREE VIBRATION

FREE RADICALS

GS RADICALS
 . FREE RADICALS
 . . HYDROXYL RADICALS
 RT ATOMS
 CARBENES
 IONS
 NEGATIVE IONS
 OXYGEN IONS
 TRIVALENT IONS
 VINYL RADICAL

FREE STREAM EFFECTS

USE FREE FLOW

FREE STREAMS

USE FREE FLOW

FREE VIBRATION

UF FREE OSCILLATIONS
 GS VIBRATION
 . FREE VIBRATION
 RT FORCED VIBRATION
 LINEAR VIBRATION
 PROTON PRECESSION
 SELF EXCITATION
 SELF INDUCED VIBRATION
 VIBRATION MODE

FREE WING AIRCRAFT

RT AERODYNAMICS
 ∞ AIRCRAFT
 AIRCRAFT DESIGN
 CONTROL SURFACES

FREEDOM FIGHTER AIRCRAFT

USE F-5 AIRCRAFT

FREEDOM 7

GS MANNED SPACECRAFT
 . MERCURY SPACECRAFT
 . . FREEDOM 7
 REENTRY VEHICLES
 . RECOVERABLE SPACECRAFT
 . . MERCURY SPACECRAFT
 . . . FREEDOM 7
 SOFT LANDING SPACECRAFT
 . MERCURY SPACECRAFT
 . . FREEDOM 7
 SPACE CAPSULES
 . MERCURY SPACECRAFT
 . . FREEDOM 7
 RT MERCURY MR-3 FLIGHT

FREEZE DRYING

GS DRYING
 . FREEZE DRYING
 RT DEHYDRATED FOOD
 DEHYDRATION
 FREEZING
 FROZEN FOODS
 PRESERVING

FREEZING

GS PHASE TRANSFORMATIONS
 . FREEZING
 . . VIBRATIONAL FREEZING
 . . . ZONE MELTING
 RT ANTIFREEZES
 BAY ICE
 CLOUD GLACIATION
 COLD TRAPS
 COOLING
 CRYOGENIC COOLING
 CRYSTALLIZATION
 FREEZE DRYING
 FROST
 ICE FORMATION
 ICE NUCLEI

FREEZING-(CONT.)

LOW TEMPERATURE
 MELTING
 PRESERVING
 PRESSURE ICE
 REFRIGERATING
 SEA ICE
 SOLIDIFICATION
 SOLIDIFIED GASES

FREEZING POINTS

USE MELTING POINTS

FREIGHT

USE CARGO

FREIGHT COSTS

GS COSTS
 . FREIGHT COSTS
 RT CARGO
 FREIGHTERS
 TRANSPORTATION

FREIGHTERS

RT FREIGHT COSTS
 HARBORS
 TRANSPORTATION
 WHARVES

FRENCH EQUATORIAL CONGO

USE CONGO (BRAZZAVILLE)

FRENCH GUIANA

RT NATIONS
 SOUTH AMERICA

FRENCH SATELLITES

GS SATELLITES
 . ARTIFICIAL SATELLITES
 . . FRENCH SATELLITES
 . . . D-1 SATELLITE
 . . . D-2 SATELLITES
 . . . EOLE SATELLITES
 . . . FR-1 SATELLITE
 . . . GEOLE SATELLITES
 . . . PEOPLE SATELLITES
 . . . SRET SATELLITES
 . . . SRET 1 SATELLITE
 . . . SRET 2 SATELLITE
 . . . EARTH SATELLITES
 . . . FRENCH SATELLITES
 . . . D-1 SATELLITE
 . . . D-2 SATELLITES
 . . . EOLE SATELLITES
 . . . FR-1 SATELLITE
 . . . GEOLE SATELLITES
 . . . PEOPLE SATELLITES
 . . . SRET SATELLITES
 . . . SRET 1 SATELLITE
 . . . SRET 2 SATELLITE
 RT EUROPEAN SPACE PROGRAMS
 METEOSAT SATELLITE
 SYMPHONIE SATELLITES

FRENCH SPACE PROGRAMS

GS PROGRAMS
 . SPACE PROGRAMS
 . . FRENCH SPACE PROGRAMS
 RT EOLE SATELLITES
 EUROPEAN SPACE PROGRAMS
 FRANCE
 GEOLE SATELLITES
 INTERNATIONAL COOPERATION
 METEOSAT SATELLITE
 ∞ RESEARCH PROJECTS
 SPACE EXPLORATION
 SPACE MISSIONS
 ∞ SPACECRAFT
 SRET SATELLITES
 SRET 1 SATELLITE

FRENKEL DEFECTS

GS DEFECTS
 . CRYSTAL DEFECTS
 . . POINT DEFECTS
 . . . VACANCIES (CRYSTAL DEFECTS)
 FRENKEL DEFECTS

FREON

RT AIR CONDITIONING
 COOLANTS
 COOLING
 COOLING SYSTEMS
 FLUOROHYDROCARBONS

NASA THESAURUS (VOLUME 1)

FREON-(CONT.)

GAS COOLING
 REFRIGERANTS
 REFRIGERATING

FREQUENCIES

UF FREQUENCY BANDS
 GS FREQUENCIES
 . AUDIO FREQUENCIES
 . . QUEFRENCIES
 . . . BEAT FREQUENCIES
 . . . BROADBAND
 . . . CARRIER FREQUENCIES
 . . . CRITICAL FREQUENCIES
 . . . CYCLOTRON FREQUENCY
 . . . EXTREMELY LOW FREQUENCIES
 . . . INFRASONIC FREQUENCIES
 . . . INTERMEDIATE FREQUENCIES
 . . . IONIZATION FREQUENCIES
 . . . MAXIMUM USABLE FREQUENCY
 . . . NYQUIST FREQUENCIES
 . . . PLASMA FREQUENCIES
 . . . RADIO FREQUENCIES
 . . . EXTREMELY LOW RADIO
 FREQUENCIES
 HIGH FREQUENCIES
 LOW FREQUENCIES
 SUBAUDIBLE FREQUENCIES
 VERY LOW FREQUENCIES
 LOW FREQUENCY BANDS
 VERY LOW FREQUENCIES
 MICROWAVE FREQUENCIES
 C BAND
 EXTREMELY HIGH FREQUENCIES
 P BAND
 SUPERHIGH FREQUENCIES
 ULTRAHIGH FREQUENCIES
 P BAND
 VERY HIGH FREQUENCIES
 P BAND
 RESONANT FREQUENCIES
 SWEEP FREQUENCY
 RT AEOLIAN TONES
 AMPLITUDES
 ∞ BANDS
 BANDWIDTH
 BROADBAND AMPLIFIERS
 CHANNEL CAPACITY
 ∞ CHANNELS
 FREQUENCY DISTRIBUTION
 FREQUENCY RANGES
 FREQUENCY REUSE
 HARMONICS
 LINE SPECTRA
 LONGITUDINAL WAVES
 MICROCHANNELS
 MILLIMETER WAVES
 ∞ PITCH
 RADIO WAVES
 SPECTRAL BANDS
 STANDING WAVES
 SUBMILLIMETER WAVES
 SUPERHARMONICS

FREQUENCY ANALYZERS

RT HARMONIC ANALYSIS
 INTERMODULATION
 OSCILLOSCOPES
 SELECTIVE FADING
 SIGNAL ANALYSIS
 SPECTRUM ANALYSIS
 SWEEP FREQUENCY
 ∞ TEST EQUIPMENT
 VIBRATION MEASUREMENT

FREQUENCY ASSIGNMENT

RT COMMUNICATING
 FREQUENCY REUSE
 MAXIMUM USABLE FREQUENCY
 ORBIT SPECTRUM UTILIZATION

FREQUENCY BANDS

USE FREQUENCIES

FREQUENCY COMPRESSION DEMODULATORS

GS DEMODULATORS
 . FREQUENCY COMPRESSION
 DEMODULATORS

FREQUENCY CONTROL

UF FREQUENCY REGULATION
 GS REGULATORS
 . FREQUENCY CONTROL
 RT AUTODYNES
 ∞ CONTROL

FREQUENCY CONTROL-(CONT.)

CRYSTAL OSCILLATORS
QUARTZ CRYSTALS
SIGNAL STABILIZATION

FREQUENCY CONVERSION

USE FREQUENCY CONVERTERS

FREQUENCY CONVERTERS

UF FREQUENCY CONVERSION
FREQUENCY TRANSLATION
GS **FREQUENCY CONVERTERS**
DOWN-CONVERTERS
FREQUENCY DIVIDERS
FREQUENCY MULTIPLIERS
FREQUENCY SYNTHESIZERS
PARAMETRIC FREQUENCY
CONVERTERS
UP-CONVERTERS
RT ∞ CONVERTERS
HARMONIC GENERATORS
MIXING CIRCUITS
PARAMETRIC AMPLIFIERS
PULSE WIDTH AMPLITUDE CONVERTERS

FREQUENCY DISCRIMINATORS

GS CIRCUITS
DISCRIMINATORS
FREQUENCY DISCRIMINATORS

FREQUENCY DISTRIBUTION

SN (OF CYCLIC VARIATIONS)
GS DISTRIBUTION (PROPERTY)
FREQUENCY DISTRIBUTION
KURTOSIS
RT CYCLES
FOURIER ANALYSIS
FREQUENCIES
SUBAUDIBLE FREQUENCIES

FREQUENCY DIVIDERS

GS FREQUENCY CONVERTERS
FREQUENCY DIVIDERS
RT DOWN-CONVERTERS

FREQUENCY DIVISION MULTIPLE ACCESS

UF FDMA
GS TELECOMMUNICATION
MULTIPLE ACCESS
FREQUENCY DIVISION MULTIPLE
ACCESS
TRANSMISSION
SIGNAL TRANSMISSION
DATA TRANSMISSION
MULTIPLE ACCESS
FREQUENCY DIVISION MULTIPLE
ACCESS
RT ALOHA SYSTEM
CODE DIVISION MULTIPLE ACCESS
CODE DIVISION MULTIPLEXING
MULTIPLE ACCESS
MULTIPLEXING
RADIO COMMUNICATION
TELECOMMUNICATION
TIME DIVISION MULTIPLE ACCESS

FREQUENCY DIVISION MULTIPLEXING

GS TRANSMISSION
MULTIPLEXING
FREQUENCY DIVISION MULTIPLEXING
RT CARRIER FREQUENCIES
COMMUNICATION NETWORKS
DATA TRANSMISSION
DEMULPLEXING
MULTIPLE ACCESS
PULSE COMMUNICATION
RADIO COMMUNICATION
SATELLITE TRANSMISSION
TELECOMMUNICATION
TIME DIVISION MULTIPLEXING
WAVELENGTH DIVISION MULTIPLEXING

FREQUENCY HOPPING

RT FREQUENCY REUSE
FREQUENCY SHIFT KEYING
JAMMING
SPREAD SPECTRUM TRANSMISSION
TRANSMISSION EFFICIENCY

FREQUENCY MEASUREMENT

RT ACOUSTIC MEASUREMENT
 ∞ MEASUREMENT
TIME MEASUREMENT
VIBRATION MEASUREMENT

FREQUENCY MODULATION

GS MODULATION
FREQUENCY MODULATION
FEEDBACK FREQUENCY MODULATION
FM/PM (MODULATION)
FREQUENCY SHIFT KEYING
PULSE FREQUENCY MODULATION
PULSE FREQUENCY MODULATION
TELEMETRY
RT AMPLITUDE MODULATION
AUTOMATIC FREQUENCY CONTROL
CAPTURE EFFECT
CARRIER TO NOISE RATIOS
COMPANDING
DEMODULATION
DEMODULATORS
INTERMODULATION
LIGHT MODULATION
LINE OF SIGHT COMMUNICATION
MODULATORS
PHASE MODULATION
PULSE MODULATION
VOCODERS

FREQUENCY MODULATION PHOTOMULTIPLIERS

GS AMPLIFIERS
CURRENT AMPLIFIERS
PHOTOMULTIPLIER TUBES
FREQUENCY MODULATION
PHOTOMULTIPLIERS
RT CATHODES

FREQUENCY MULTIPLIERS

GS FREQUENCY CONVERTERS
FREQUENCY MULTIPLIERS
RT PHASE MATCHING

FREQUENCY RANGES

GS RANGE (EXTREMES)
FREQUENCY RANGES
OCTAVES
RADIO RANGE
SUBAUDIBLE FREQUENCIES
RT BANDWIDTH
FREQUENCIES
 ∞ FREQUENCY RESPONSE
FREQUENCY REUSE

FREQUENCY REGULATION

USE FREQUENCY CONTROL

 ∞ FREQUENCY RESPONSE

SN (USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)
RT ACUITY
BROADBAND
DISTRIBUTED AMPLIFIERS
DYNAMIC CHARACTERISTICS
DYNAMIC RESPONSE
EQUALIZERS (CIRCUITS)
FREQUENCY RANGES
LINEAR FILTERS
LINEAR RECEIVERS
LOG PERIODIC ANTENNAS
LOGARITHMIC RECEIVERS
PERCEPTION
RAMP FUNCTIONS
RESPONSES
SENSITIVITY
SMEAR
SPECTRAL SENSITIVITY
STEP FUNCTIONS
STROKING TESTS
THRESHOLDS (PERCEPTION)

FREQUENCY REUSE

RT DATA LINKS
DOWNLINKING
FREQUENCIES
FREQUENCY ASSIGNMENT
FREQUENCY HOPPING
FREQUENCY RANGES
MAXIMUM USABLE FREQUENCY
MICROWAVE TRANSMISSION
RADIO TRANSMISSION
SATELLITE TRANSMISSION
UPLINKING

FREQUENCY SCANNING

GS SCANNING
FREQUENCY SCANNING
RT PANORAMIC SCANNING
RADAR SCANNING
SPECTRUM ANALYSIS

FREQUENCY SCANNING-(CONT.)

SWEEP CIRCUITS
SWEEP FREQUENCY

FREQUENCY SHIFT

RT BRILLOUIN EFFECT
DOPPLER EFFECT
DOPPLER-FIZEAU EFFECT
GYROTROPISM
 ∞ SHIFT

FREQUENCY SHIFT KEYING

GS KEYING
FREQUENCY SHIFT KEYING
MODULATION
FREQUENCY MODULATION
FREQUENCY SHIFT KEYING
RT FREQUENCY HOPPING
RADIO TRANSMISSION

FREQUENCY STABILITY

UF ACOUSTIC STABILITY
GS DYNAMIC CHARACTERISTICS
DYNAMIC STABILITY
FREQUENCY STABILITY
STABILITY
DYNAMIC STABILITY
FREQUENCY STABILITY
RT CRYSTAL OSCILLATORS
LASER STABILITY
OSCILLATORS
QUARTZ CRYSTALS
STABLE OSCILLATIONS

FREQUENCY STANDARDS

GS STANDARDS
FREQUENCY STANDARDS
RT ATOMIC CLOCKS
GAS MASERS
ION STORAGE
MASERS
RESONATORS
TIME SIGNALS

FREQUENCY SYNCHRONIZATION

GS SYNCHRONISM
FREQUENCY SYNCHRONIZATION
RT BIT SYNCHRONIZATION
CAPTURE EFFECT
HOMODYNE RECEPTION
SWEEP FREQUENCY
SYNCHRONIZED OSCILLATORS
SYNTONY

FREQUENCY SYNTHESIZERS

GS FREQUENCY CONVERTERS
FREQUENCY SYNTHESIZERS
SIGNAL GENERATORS
FREQUENCY SYNTHESIZERS
RT MIXING CIRCUITS
OSCILLATORS
SYNTHESIZERS

FREQUENCY TRANSLATION

USE FREQUENCY CONVERTERS

FRESH WATER

GS WATER
FRESH WATER
RT AGRISTARS PROJECT
AQUIFERS
GROUND WATER
LIMNOLOGY
POTABLE WATER
RESERVOIRS
SPRINGS (WATER)

FRESNEL DIFFRACTION

GS DIFFRACTION
FRESNEL DIFFRACTION
RT GRATINGS (SPECTRA)
INTERFEROMETRY

FRESNEL INTEGRALS

UF FRESNEL-KIRCHHOFF INTEGRALS
GS FUNCTIONS (MATHEMATICS)
FRESNEL INTEGRALS
RT DIFFRACTION PATTERNS
TRIGONOMETRIC FUNCTIONS
WAVE DIFFRACTION

FRESNEL LENSES

GS LENSES
FRESNEL LENSES

FRESNEL REFLECTORS

FRESNEL LENSES-(CONT.)

RT FOCUSING
∞ OPTICS

FRESNEL REFLECTORS

GS MIRRORS
. FRESNEL REFLECTORS
REFLECTORS
. FRESNEL REFLECTORS
RT INTERFEROMETRY
SLITS

FRESNEL REGION

GS REGIONS
. FRESNEL REGION
RT ANTENNA RADIATION PATTERNS
DIFFRACTION PATTERNS
FAR FIELDS

FRESNEL-KIRCHHOFF INTEGRALS

USE FRESNEL INTEGRALS

FRETTING

RT EROSION
FATIGUE (MATERIALS)
TRIBOLOGY
WEAR TESTS

FRETTING CORROSION

GS CORROSION
. FRETTING CORROSION
RT FATIGUE (MATERIALS)
STRESS CORROSION
WEAR

FRICTION

GS FRICTION
. AERODYNAMIC DRAG
. . . SUPERSONIC DRAG
. DRY FRICTION
. FLOW RESISTANCE
. . . FRICTION DRAG
. . . . SUPERSONIC DRAG
. . . . VISCOUS DRAG
. INTERNAL FRICTION
. KINETIC FRICTION
. . . SLIDING FRICTION
. SKIN FRICTION
. . . FRICTION DRAG
. . . . SUPERSONIC DRAG
. . . . VISCOUS DRAG
. . . . STATIC FRICTION
RT ABRASION
COEFFICIENT OF FRICTION
DRAG
DRAG REDUCTION
ENERGY DISSIPATION
FLUID FLOW
MECHANICAL IMPEDANCE
∞ PRESSURE DROP
SCORING
SURFACE PROPERTIES
SURFACE ROUGHNESS
TRACTION
TRIBOLOGY
WEAR
WEAR TESTS
WHEEL BRAKES

FRICTION COEFFICIENT

USE COEFFICIENT OF FRICTION

FRICTION DRAG

UF NONEQUILIBRIUM DRAG
GS DYNAMIC CHARACTERISTICS
. DRAG
. . . FRICTION DRAG
. . . . AERODYNAMIC DRAG
. . . . SUPERSONIC DRAG
. . . . VISCOUS DRAG
FRICTION
. FLOW RESISTANCE
. . . FRICTION DRAG
. . . . SUPERSONIC DRAG
. . . . VISCOUS DRAG
. SKIN FRICTION
. . . FRICTION DRAG
. . . . SUPERSONIC DRAG
. . . . VISCOUS DRAG
RT MINIMUM DRAG
PRESSURE DRAG
SATELLITE DRAG
SURFACE ROUGHNESS EFFECTS
WAVE DRAG

FRICTION FACTOR

UF FRICTION LOSS COEFFICIENT
RT COEFFICIENT OF FRICTION
PRESSURE GRADIENTS
SKIN FRICTION

FRICTION LOSS COEFFICIENT

USE FRICTION FACTOR

FRICTION MEASUREMENT

GS MECHANICAL MEASUREMENT
. FRICTION MEASUREMENT
RT ELASTOHYDRODYNAMICS
KINETIC FRICTION
∞ MEASUREMENT
STATIC FRICTION

FRICTION PRESSURE DROP

USE SKIN FRICTION

FRICTION REDUCTION

RT ANTIFRICTION BEARINGS
COEFFICIENT OF FRICTION
LUBRICATION
∞ REDUCTION
STREAMLINING

FRICTION WELDING

GS WELDING
. FRICTION WELDING
RT PRESSURE WELDING

FRICTIONLESS ENVIRONMENTS

GS ENVIRONMENTS
. FRICTIONLESS ENVIRONMENTS
RT DEEP SPACE
LEVITATION

FRIEDEL-CRAFT REACTION

GS CHEMICAL REACTIONS
. FRIEDEL-CRAFT REACTION
RT ACYLATION
ALKYLATION

FRIENDSHIP 7

GS MANNED SPACECRAFT
. MERCURY SPACECRAFT
. . . FRIENDSHIP 7
REENTRY VEHICLES
. RECOVERABLE SPACECRAFT
. . . MERCURY SPACECRAFT
. . . . FRIENDSHIP 7
SOFT LANDING SPACECRAFT
. MERCURY SPACECRAFT
. . . FRIENDSHIP 7
SPACE CAPSULES
. MERCURY SPACECRAFT
. . . FRIENDSHIP 7
RT MERCURY MA-6 FLIGHT

FRINGE MULTIPLICATION

RT DIFFRACTION PATTERNS
INTERFERENCE GRATING
MOIRE EFFECTS
MOIRE FRINGES
MULTIPLICATION
PHOTOELASTIC ANALYSIS
STRESS ANALYSIS
STRESS CONCENTRATION

FRINGE PATTERNS

USE DIFFRACTION PATTERNS

FRIT

RT CERAMICS
FUSION (MELTING)
GLAZES
VITREOUS MATERIALS

FROGS

GS ANIMALS
. POIKILOthermia
. . . AMPHIBIA
. . . . FROGS
. . . . VERTEBRATES
. . . AMPHIBIA
. . . . FROGS

FRONTAL AREAS (METEOROLOGY)

USE FRONTS (METEOROLOGY)

FRONTAL WAVES

RT OCEAN CURRENTS
OCEANOGRAPHY

NASA THESAURUS (VOLUME 1)

FRONTAL WAVES-(CONT.)

TSUNAMI WAVES
WATER WAVES
∞ WAVES

∞ FRONTS

SN (USE OF A MORE SPECIFIC TERM IS
RECOMMENDED-CONSULT THE TERMS
LISTED BELOW)
RT COLD FRONTS
FRONTS (METEOROLOGY)
SHOCK FRONTS
WARM FRONTS
WAVE FRONTS

FRONTS (METEOROLOGY)

UF FRONTAL AREAS (METEOROLOGY)
WEATHER FRONTS
GS FRONTS (METEOROLOGY)
. COLD FRONTS
. WARM FRONTS
RT AIR MASSES
∞ FRONTS
INTERTROPICAL CONVERGENT ZONES
MARINE METEOROLOGY
METEOROLOGICAL PARAMETERS
METEOROLOGY
STORMS
SYNOPTIC METEOROLOGY
THUNDERSTORMS
TORNADOES

FROST

RT BAY ICE
DEW
FREEZING
ICE
LOW TEMPERATURE

FROST DAMAGE

GS DAMAGE
. FROST DAMAGE
RT COLD WEATHER
∞ CROPS
FARM CROPS
FRUITS
LOW TEMPERATURE
ORCHARDS
PLANTS (BOTANY)

FROSTBITE

GS INJURIES
. FROSTBITE
RT COLD TOLERANCE

FROUDE NUMBER

GS RATIOS
. DIMENSIONLESS NUMBERS
. . . FROUDE NUMBER
RT FLUID FLOW
INERTIA
KINETIC ENERGY
POTENTIAL ENERGY
REYNOLDS NUMBER
STROUHAL NUMBER

FROZEN EQUILIBRIUM FLOW

GS FLUID FLOW
. GAS FLOW
. . . EQUILIBRIUM FLOW
. . . . FROZEN EQUILIBRIUM FLOW
RT SHIFTING EQUILIBRIUM FLOW

FROZEN FOODS

RT ∞ FOOD
FOOD PROCESSING
FREEZE DRYING
PRESERVING
REFRIGERATING

FROZEN SOILS

USE PERMAFROST

FRUITS

GS FARM CROPS
. FRUITS
RT AGRICULTURE
BOLLWORMS
BOTANY
∞ FOOD
FROST DAMAGE
ORCHARDS

FRUSTRATION

RT EMOTIONAL FACTORS
 EMOTIONS
 HANDICAPS
 ∞ INHIBITION
 LETHARGY
 PSYCHOLOGICAL EFFECTS
 PSYCHOLOGY

FRUSTUMS

RT CONES
 GEOMETRY
 PYRAMIDS
 VOLUME

FUEL CAPSULES

RT ∞ CAPSULES
 NUCLEAR FUELS
 PELLETS
 SPENT FUELS

FUEL CELL CATALYSTS

USE ELECTROCATALYSTS

FUEL CELL POWER PLANTS

GS ELECTRIC POWER PLANTS
 . FUEL CELL POWER PLANTS
 RT COAL GASIFICATION
 ENERGY TECHNOLOGY
 FUEL CELLS

FUEL CELLS

SN (EXCLUDES BATTERIES)
 GS ELECTRIC GENERATORS
 . DIRECT POWER GENERATORS
 . . FUEL CELLS
 . . . BIOCHEMICAL FUEL CELLS
 . . . HYDROGEN OXYGEN FUEL CELLS
 . . . PHOSPHORIC ACID FUEL CELLS
 . . . REGENERATIVE FUEL CELLS
 ELECTROCHEMICAL CELLS
 . FUEL CELLS
 . . BIOCHEMICAL FUEL CELLS
 . . HYDROGEN OXYGEN FUEL CELLS
 . . PHOSPHORIC ACID FUEL CELLS
 . . REGENERATIVE FUEL CELLS
 RT ∞ CELLS
 CHEMICAL AUXILIARY POWER UNITS
 ∞ ELECTRIC CELLS
 ELECTROCATALYSTS
 ELECTROCHEMISTRY
 ELECTROLYTES
 ENERGY CONVERSION EFFICIENCY
 ENERGY STORAGE
 FUEL CELL POWER PLANTS
 HYDROGEN FUELS
 HYDROGEN-BASED ENERGY
 ION EXCHANGE MEMBRANE
 ELECTROLYTES
 MAGNETOHYDRODYNAMIC GENERATORS
 SOLAR CELLS
 SOLAR GENERATORS
 THERMIONIC CONVERTERS
 THERMOELECTRIC GENERATORS
 WET CELLS

FUEL COMBUSTION

GS COMBUSTION
 . FUEL COMBUSTION
 . . NUCLEAR FUEL BURNUP
 RT COMBUSTION EFFICIENCY
 COMBUSTION STABILITY
 EROSION BURNING
 HYDROCARBON COMBUSTION
 HYPERSONIC COMBUSTION
 IGNITION
 METAL COMBUSTION
 OXIDATION
 PROPELLANT COMBUSTION
 SOLID PROPELLANT COMBUSTION
 SPONTANEOUS COMBUSTION
 SUPERSONIC COMBUSTION

FUEL CONSUMPTION

GS CONSUMPTION
 . FUEL CONSUMPTION
 RT BURNING RATE
 COMBUSTION EFFICIENCY
 ENERGY CONSUMPTION
 ENERGY REQUIREMENTS
 ENGINES
 INTERNAL COMBUSTION ENGINES
 REFUELING

FUEL CONTAMINATION

GS CONTAMINATION
 . FUEL CONTAMINATION
 RT ANTIAGING ADDITIVES
 CONTAMINANTS
 REFUELING

FUEL CONTROL

RT COMBUSTION CONTROL
 ∞ CONTROL
 ENGINE CONTROL
 LIQUID SLOSHING
 PROPELLANT TRANSFER
 REFUELING
 ROCKET ENGINE CONTROL
 TURBOJET ENGINE CONTROL

FUEL CORROSION

GS CORROSION
 . FUEL CORROSION
 RT PROPELLANT DECOMPOSITION
 PROPELLANT STORABILITY

FUEL ELEMENTS (NUCLEAR REACTORS)

USE NUCLEAR FUEL ELEMENTS

FUEL FLOW

GS FLUID FLOW
 . FUEL FLOW
 . . PROPELLANT TRANSFER
 RT COMBUSTIBLE FLOW
 DUCTED FLOW

FUEL FLOW REGULATORS

GS REGULATORS
 . FLOW REGULATORS
 . . FUEL FLOW REGULATORS

FUEL GAGES

GS MEASURING INSTRUMENTS
 . FUEL GAGES
 . . CAPACITIVE FUEL GAGES
 RT FLOWMETERS

FUEL INJECTION

UF INJECTION CARBURETORS
 GS INJECTION
 . FUEL INJECTION
 RT BURNERS
 CARBURETORS
 FLUID INJECTION
 GAS INJECTION
 INJECTORS
 INTERNAL COMBUSTION ENGINES
 JET ENGINES
 JET MIXING FLOW
 ∞ JET NOZZLES
 LIQUID INJECTION
 PISTON ENGINES
 PROPELLANT SPRAYS
 SPRAY NOZZLES

FUEL OILS

GS FUELS
 . CLEAN FUELS
 . . FUEL OILS
 OILS
 . FUEL OILS
 RT ENERGY POLICY
 KEROGEN
 KEROSENE
 SHALE OIL
 SOLVENT REFINED COAL

FUEL PRODUCTION

GS FUEL PRODUCTION
 . LIQUID FUELS
 RT CHEMICAL FUELS
 COMPOSITE PROPELLANTS
 CRUDE OIL
 FISSION
 ∞ FUSION
 HYDROCARBON FUELS
 HYDROGEN FUELS
 NUCLEAR FUELS
 ∞ PRODUCTION

FUEL PUMPS

GS PUMPS
 . FUEL PUMPS
 RT AIRCRAFT FUEL SYSTEMS
 AXIAL FLOW PUMPS
 CENTRIFUGAL PUMPS
 ELECTROMAGNETIC PUMPS

FUEL PUMPS-(CONT.)

INTERNAL COMBUSTION ENGINES
 JET ENGINES
 JET PUMPS
 MATERIALS HANDLING
 TURBINE PUMPS

FUEL SPRAYS

RT LIQUID INJECTION
 PROPELLANT SPRAYS
 SPRAYERS

FUEL SYSTEMS

GS FUEL SYSTEMS
 . AIRCRAFT FUEL SYSTEMS
 RT ACCUMULATORS
 AUTOMOBILES
 BUNKERS (FUEL)
 CARBURETORS
 CHOKES (FUEL SYSTEMS)
 ENGINES
 FEEDERS
 FUELS
 INJECTORS
 INLET TEMPERATURE
 INTAKE SYSTEMS
 INTERNAL COMBUSTION ENGINES
 MANIFOLDS
 PLENUM CHAMBERS
 PROPELLANT TRANSFER
 REFUELING
 SELF SEALING
 SPRAY NOZZLES
 ∞ SYSTEMS

FUEL TANK PRESSURIZATION

GS PRESSURIZING
 . FUEL TANK PRESSURIZATION
 RT AIRCRAFT FUEL SYSTEMS
 EXHAUST SYSTEMS
 EXPULSION BLADDERS
 LIQUID ROCKET PROPELLANTS
 PRESSURE REGULATORS
 PRESSURE VESSELS
 PROPELLANT STORAGE
 PROPELLANT TANKS
 PROPULSION
 RELIEF VALVES
 ULLAGE
 VAPOR PRESSURE

FUEL TANKS

GS TANKS (CONTAINERS)
 . FUEL TANKS
 . . WING TANKS
 RT AIRCRAFT FUEL SYSTEMS
 ∞ CONTAINERS
 CORROSION PREVENTION
 CRYOGENIC FLUID STORAGE
 CYLINDRICAL TANKS
 EXPULSION BLADDERS
 EXTERNAL TANKS
 FEED SYSTEMS
 FUELS
 HEATING EQUIPMENT
 LIQUID SLOSHING
 PODS (EXTERNAL STORES)
 PRESSURE VESSELS
 PROPELLANT STORAGE
 PROPELLANT TANKS
 PROPELLANTS
 PROPULSION
 PROTUBERANCES
 SPACECRAFT STRUCTURES
 SPHERICAL TANKS
 STORAGE TANKS
 TANKER AIRCRAFT
 ULLAGE

FUEL TESTS

GS FUEL TESTS
 . REACTOR STARTUP TESTS
 RT CHEMICAL ANALYSIS
 CORROSION TESTS
 ENGINE TESTS
 ∞ MATERIALS TESTS
 MISSILE TESTS
 PROPELLANT TESTS
 STABILITY TESTS
 TEST FIRING
 ∞ TESTS

FUEL VALVES

GS VALVES
 . FUEL VALVES

FUEL-AIR RATIO

FUEL VALVES-(CONT.)

RT AIRCRAFT FUEL SYSTEMS
GAS VALVES
RELIEF VALVES

FUEL-AIR RATIO

GS RATIOS
RT **FUEL-AIR RATIO**
BURNING RATE
COMBUSTION EFFICIENCY
COMPRESSION RATIO
GAS MIXTURES
IGNITION LIMITS
PREMIXING
PRESSURE RATIO

FUELING

USE REFUELING

FUELS

GS **FUELS**
ACTIVATED CARBON
CHARCOAL
CHEMICAL FUELS
AEROZINE
LIQUID FUELS
AIRCRAFT FUELS
LIQUID FUELS
AUTOMOBILE FUELS
LIQUID FUELS
ENDOTHERMIC FUELS
HIGH ENERGY FUELS
HYDROCARBON FUELS
DIESEL FUELS
LIQUID FUELS
GASOLINE
LIQUID FUELS
JET ENGINE FUELS
JP-4 JET FUEL
JP-5 JET FUEL
JP-6 JET FUEL
JP-8 JET FUEL
LIQUID FUELS
RP-1 ROCKET PROPELLANTS
LIQUID FUELS
SYNTHANE
HYDROGEN FUELS
LIQUID FUELS
METAL FUELS
SLURRY PROPELLANTS
LIQUID FUELS
SYNTHETIC FUELS
GASOLHOL (FUEL)
LIQUID FUELS
SYNTHANE
CLEAN FUELS
FUEL OILS
COKE
FISSILE FUELS
GASEOUS FUELS
LIQUID FUELS
KEROSENE
LIQUID FUELS
LIQUEFIED NATURAL GAS
LIQUID ROCKET PROPELLANTS
CRYOGENIC ROCKET PROPELLANTS
LIQUID FUELS
GELLED ROCKET PROPELLANTS
LIQUID FUELS
HYPERGOLIC ROCKET PROPELLANTS
LIQUID FUELS
MONOPROPELLANTS
AEROZINE
LIQUID FUELS
RP-1 ROCKET PROPELLANTS
LIQUID FUELS
SLURRY PROPELLANTS
LIQUID FUELS
NUCLEAR FUELS
CERAMIC NUCLEAR FUELS
FISSILE
SPENT FUELS
SOLID ROCKET PROPELLANTS
DOUBLE BASE ROCKET PROPELLANTS
LIQUID FUELS
METAL PROPELLANTS
RT BIOCONVERSION
BURNING RATE
DOUBLE BASE PROPELLANTS
ENERGY POLICY
ENERGY STORAGE
FLAMES
FUEL SYSTEMS
FUEL TANKS

FUELS-(CONT.)

GASES
HYDROGEN
HYDROGEN PRODUCTION
KEROGEN
LIQUID AMMONIA
LIQUID HYDROGEN
NUCLEAR FUEL ELEMENTS
OILS
OPERATING COSTS
OXIDIZERS
PREMIXING
PROPELLANTS
ROCKET PROPELLANTS
SHALE OIL
TRANSPORTATION ENERGY

FUJITA METHOD

RT COORDINATES
METHODODOLOGY
TRANSFORMATIONS
TRANSFORMATIONS (MATHEMATICS)

FULL SCALE TESTS

RT ALTITUDE TESTS
ENGINE TESTS
FLIGHT TESTS
GROUND TESTS
HIGH ALTITUDE TESTS
TESTS

FULMINATES

GS ESTERS
ISOCYANATES
FULMINATES
NITROGEN COMPOUNDS
CYANO COMPOUNDS
ISOCYANATES
FULMINATES
RT DETONATORS
EXPLOSIVES
PROPELLANTS

FUMES

RT AEROSOLS
DISPERSIONS
DUST
EXHAUST GASES
FIRE DAMAGE
GAS MIXTURES
GASES
HAZE DETECTION
REACTION PRODUCTS
SMOKE
SMOKE DETECTORS
VAPORS
WASTES

FUMIGATION

RT ANTISEPTICS
BACTERICIDES
SPRAYING
STERILIZATION

FUNCTION GENERATORS

GS SIGNAL GENERATORS
FUNCTION GENERATORS
RT GENERATORS
PULSE GENERATORS
VOLTAGE GENERATORS
WAVE GENERATION

FUNCTION SPACE

GS ANALYSIS (MATHEMATICS)
FUNCTION SPACE
HILBERT SPACE
BANACH SPACE
RT FIBERS (MATHEMATICS)
FIELD THEORY (PHYSICS)
FUNCTIONS (MATHEMATICS)
ORTHOGONAL FUNCTIONS
QUANTUM MECHANICS
SERIES (MATHEMATICS)
SPACE
STATISTICAL MECHANICS
VECTORS (MATHEMATICS)

FUNCTIONAL ANALYSIS

GS ANALYSIS (MATHEMATICS)
FUNCTIONAL ANALYSIS
HARMONIC ANALYSIS
TESSERAL HARMONICS
ZONAL HARMONICS
HILBERT SPACE
BANACH SPACE

NASA THESAURUS (VOLUME 1)

FUNCTIONAL ANALYSIS-(CONT.)

INTEGRAL EQUATIONS
FREDHOLM EQUATIONS
J INTEGRAL
SINGULAR INTEGRAL EQUATIONS
VOLTERRA EQUATIONS
WIENER HOPF EQUATIONS
INTEGRAL TRANSFORMATIONS
CONVOLUTION INTEGRALS
FOURIER TRANSFORMATION
HILBERT TRANSFORMATION
LAPLACE TRANSFORMATION
RT COMPLEX VARIABLES
FORM FACTORS
FUNCTIONS (MATHEMATICS)
SERIES (MATHEMATICS)
WALSH FUNCTION

FUNCTIONAL DESIGN SPECIFICATIONS

GS SPECIFICATIONS
FUNCTIONAL DESIGN SPECIFICATIONS
RT AERONAUTICAL ENGINEERING
EQUIPMENT SPECIFICATIONS
MISSILE DESIGN
PRODUCT DEVELOPMENT
SYSTEMS ENGINEERING

FUNCTIONAL INTEGRATION

GS ANALYSIS (MATHEMATICS)
REAL VARIABLES
MEASURE AND INTEGRATION
FUNCTIONAL INTEGRATION
RT ANALOG COMPUTERS
DIFFERENTIAL EQUATIONS
DIGITAL INTEGRATORS
PARTIAL DIFFERENTIAL EQUATIONS

FUNCTIONALS

RT FUNCTIONS
FUNCTIONS (MATHEMATICS)

FUNCTIONS

SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)*
RT CONTRALATERAL FUNCTIONS
FUNCTIONALS
FUNCTIONS (MATHEMATICS)
MUSCULAR FUNCTION
PARENTERAL FUNCTIONS
PENALTY FUNCTION
PULMONARY FUNCTIONS
RENAL FUNCTION
SCATTERING FUNCTIONS
WORK FUNCTIONS

FUNCTIONS (MATHEMATICS)

GS **FUNCTIONS (MATHEMATICS)**
ABEL FUNCTION
AIRY FUNCTION
ANALYTIC FUNCTIONS
ENTIRE FUNCTIONS
APERIODIC FUNCTIONS
ASYMPTOTES
BOOLEAN FUNCTIONS
COMPOSITE FUNCTIONS
CONFORMAL MAPPING
COORDINATE TRANSFORMATIONS
DELTA FUNCTION
DISCRETE FUNCTIONS
DISCRIMINANT ANALYSIS (STATISTICS)
DISTRIBUTION FUNCTIONS
DISTURBING FUNCTIONS
ERROR FUNCTIONS
FOURIER TRANSFORMATION
FOURIER-BESSEL TRANSFORMATIONS
FRESNEL INTEGRALS
GAMMA FUNCTION
GREEN FUNCTION
HAMILTONIAN FUNCTIONS
HANKEL FUNCTIONS
HARMONIC FUNCTIONS
HYPERBOLIC FUNCTIONS
HYPERGEOMETRIC FUNCTIONS
KERNEL FUNCTIONS
LAGUERRE FUNCTIONS
LAME FUNCTIONS
LAPLACE TRANSFORMATION
LEGENDRE FUNCTIONS
LIAPUNOV FUNCTIONS
LINEAR TRANSFORMATIONS
LORENTZ TRANSFORMATIONS
MATHIEU FUNCTION
MAXWELL-BOLTZMANN DENSITY FUNCTION

FUNCTIONS (MATHEMATICS)-(CONT.)

. MELLIN TRANSFORMS
 . MEROMORPHIC FUNCTIONS
 . ELLIPTIC FUNCTIONS
 . RATIONAL FUNCTIONS
 . MONOTONE FUNCTIONS
 . ORTHOGONAL FUNCTIONS
 . WALSH FUNCTION
 . ORTHONORMAL FUNCTIONS
 . PENALTY FUNCTION
 . POINT SPREAD FUNCTIONS
 . POISSON DENSITY FUNCTIONS
 . PROBABILITY DENSITY FUNCTIONS
 . NORMAL DENSITY FUNCTIONS
 . PEARSON DISTRIBUTIONS
 . RAYLEIGH DISTRIBUTION
 . WEIBULL DENSITY FUNCTIONS
 . PROBABILITY DISTRIBUTION FUNCTIONS
 . RAMP FUNCTIONS
 . RECURSIVE FUNCTIONS
 . SCHWARZ-CHRISTOFFEL TRANSFORMATION
 . SPACE-TIME FUNCTIONS
 . SPHERICAL HARMONICS
 . SPLINE FUNCTIONS
 . STEP FUNCTIONS
 . STRESS FUNCTIONS
 . TIME FUNCTIONS
 . TRANSCENDENTAL FUNCTIONS
 . EXPONENTIAL FUNCTIONS
 . LOGARITHMS
 . PERIODIC FUNCTIONS
 . TRIGONOMETRIC FUNCTIONS
 . COSINE SERIES
 . SINE SERIES
 . TANGENTS
 . TRANSFER FUNCTIONS
 . MODULATION TRANSFER FUNCTION
 . OPTICAL TRANSFER FUNCTION
 . WEIGHTING FUNCTIONS
 . WHITTAKER FUNCTIONS
 ALGEBRA
 ∞ APPLICATIONS OF MATHEMATICS
 BRANCHING (MATHEMATICS)
 CALCULUS
 CONTINUITY (MATHEMATICS)
 DIVERGENCE
 EXTREMUM VALUES
 FAST FOURIER TRANSFORMATIONS
 FUNCTION SPACE
 FUNCTIONAL ANALYSIS
 FUNCTIONALS
 ∞ FUNCTIONS
 INFINITY
 INFLECTION POINTS
 LINEARITY
 MAPPING
 MATHEMATICAL LOGIC
 MATHEMATICAL MODELS
 ∞ MATHEMATICS
 NONLINEARITY
 NUMBER THEORY
 NUMERICAL DIFFERENTIATION
 OPERATIONS RESEARCH
 OPERATORS (MATHEMATICS)
 RANDOM VARIABLES
 RANGE (EXTREMES)
 ∞ TRANSFORMATIONS
 TRANSFORMATIONS (MATHEMATICS)

FUNGI

GS

FUNGI

. ACTINOMYCETES
 . ASPERGILLUS
 . COCCOMYCES
 . GIBBERELLINS
 . NEUROSPORA
 . RHIZOPUS
 . RUST FUNGI
 . SACCHAROMYCES
 . SPORES
 . MICROSPORES
 . STREPTOMYCETES
 . YEAST

RT

BLIGHT
 LICHENS
 MITRA

∞ MOLD

PANSPERMIA
 PARASITIC DISEASES
 THERMOPHILES

FUNGICIDES

GS FUNGICIDES

FUNGICIDES-(CONT.)

. CAFFEINE
 . XANTHINES
 . GUANINES
 . URIC ACID
 RT ANTIINFECTIVES AND ANTIBACTERIALS
 TOXICOLOGY

FUNNELS

RT CONICAL INLETS
 ∞ NOZZLES

FURAN RESINS

GS PLASTICS
 . SYNTHETIC RESINS
 . THERMOSETTING RESINS
 . FURAN RESINS
 . . . POLYAMIDE RESINS
 KEVLAR (TRADEMARK)
 RESINS
 . SYNTHETIC RESINS
 . THERMOSETTING RESINS
 . . FURAN RESINS
 . . . POLYAMIDE RESINS
 KEVLAR (TRADEMARK)
 RT ADHESIVES
 COATINGS

FURANS

GS HETEROCYCLIC COMPOUNDS
 . FURANS
 . . TETRAHYDROFURAN
 . . . ORGANIC COMPOUNDS
 . FURANS
 . . TETRAHYDROFURAN
 RT ∞ CHEMICAL COMPOUNDS
 PLASTICS
 SOLVENTS

FURFURYL ALCOHOL

RT ALDEHYDES
 ∞ AROMATIC COMPOUNDS

FURLABLE ANTENNAS

GS ANTENNAS
 . FURLABLE ANTENNAS
 RT COMMUNICATION EQUIPMENT
 FOLDING STRUCTURES
 SATELLITE ANTENNAS
 SPACE COMMUNICATION
 SPACECRAFT ANTENNAS

FURNACES

SN (EXCLUDES DOMESTIC HEATING EQUIPMENT)
 GS HEATING EQUIPMENT
 . FURNACES
 . . IMAGE FURNACES
 . . SOLAR FURNACES
 . . VACUUM FURNACES
 RT BOILERS
 BURNERS
 CHEMICAL ENGINEERING
 CHEMICAL REACTORS
 CHIMNEYS
 COMBUSTION CHAMBERS
 CONTROLLED ATMOSPHERES
 ∞ CUPOLAS
 DRYING APPARATUS
 EXTRACTION
 FLUIDIZED BED PROCESSORS
 FOUNDRIES
 HEARTHS
 HEAT TREATMENT
 INCINERATORS
 INDUCTION HEATING
 MECHANICAL ENGINEERING
 MELTING
 ∞ METALLURGY
 MUFFLERS
 OVENS
 REFRATORIES
 SEPARATORS
 SINTERING
 WASTE ENERGY UTILIZATION

FUSELAGE MOUNTING

USE AIRCRAFT PRODUCTION

FUSELAGES

GS AIRCRAFT STRUCTURES
 . FUSELAGES
 RT AIRCRAFT CONSTRUCTION MATERIALS
 AIRCRAFT PARTS
 AIRFRAMES

FUSELAGES-(CONT.)

BAYS (STRUCTURAL UNITS)
 BODY-WING AND TAIL CONFIGURATIONS
 CAMBER
 CENTERBODIES
 COCKPITS
 CYLINDRICAL BODIES
 HULLS (STRUCTURES)
 WING-FUSELAGE STORES

∞ FUSES

SN (USE OF A MORE SPECIFIC TERM IS RECOMMENDED-CONSULT THE TERMS LISTED BELOW)
 RT CIRCUIT BREAKERS
 CIRCUIT PROTECTION
 ELECTRIC FUSES
 FUSES (ORDNANCE)
 WARHEADS

FUSES (ORDNANCE)

RT AMMUNITION
 CAPS (EXPLOSIVES)
 DETONATORS
 ∞ FUSES
 INITIATORS (EXPLOSIVES)
 WARHEADS
 WICKS

FUSIBILITY

GS THERMODYNAMIC PROPERTIES
 . THERMOPHYSICAL PROPERTIES
 . . FUSIBILITY
 RT ∞ PHYSICAL PROPERTIES
 ∞ RESISTANCE
 WELDING

FUSIFORM SHAPES

USE CONES

∞ FUSION

SN (USE OF A MORE SPECIFIC TERM IS RECOMMENDED-CONSULT THE TERMS LISTED BELOW)
 RT FUEL PRODUCTION
 FUSION (MELTING)
 INERTIAL FUSION (REACTOR)
 LASER FUSION
 LIQUID-SOLID INTERFACES
 NUCLEAR FUSION

FUSION (MELTING)

GS PHASE TRANSFORMATIONS
 . MELTING
 . . FUSION (MELTING)
 RT ADHESION
 FRIT
 FUSION WELDING
 HEAT OF FUSION
 ∞ JOINING
 PHASE CHANGE MATERIALS

FUSION REACTORS

GS NUCLEAR REACTORS
 . FUSION REACTORS
 . . SPHEROMAKS
 RT BETA FACTOR
 BLANKETS (FUSION REACTORS)
 BUMPY TORUSES
 FUSION-FISSION HYBRID REACTORS
 IMPACT FUSION
 INERTIAL FUSION (REACTOR)
 LIMITERS (FUSION REACTORS)
 MIRROR FUSION
 NUCLEAR FISSION
 NUCLEAR FUSION
 ∞ REACTORS

FUSION WEAPONS

UF HYDROGEN BOMBS
 GS WEAPONS
 . FUSION WEAPONS
 RT LASER WEAPONS
 NUCLEAR FUSION

FUSION WELDING

GS WELDING
 . LASER WELDING
 . . FUSION WELDING
 . . . GAS WELDING
 BRAZING
 LOW TEMPERATURE BRAZING
 RT ELECTRIC WELDING
 FLASH WELDING

FUSION-FISSION HYBRID REACTORS

FUSION WELDING-(CONT.)

PRESSURE WELDING
SPOT WELDS

FUSION-FISSION HYBRID REACTORS

GS NUCLEAR REACTORS
FUSION-FISSION HYBRID REACTORS
RT FUSION REACTORS
NUCLEAR FISSION
NUCLEAR FUSION
∞ REACTORS

FUZZY SETS

RT ALGORITHMS
FUZZY SYSTEMS
SET THEORY

FUZZY SYSTEMS

RT ALGORITHMS
FUZZY SETS
PROBABILITY THEORY
SET THEORY
SYSTEM IDENTIFICATION
SYSTEMS ANALYSIS

FV-12A AIRCRAFT

GS ATTACK AIRCRAFT
FIGHTER AIRCRAFT
FV-12A AIRCRAFT
V/STOL AIRCRAFT
FV-12A AIRCRAFT
RT ∞ MILITARY AIRCRAFT

F4H AIRCRAFT

USE F-4 AIRCRAFT

F8U AIRCRAFT

USE F-8 AIRCRAFT

F9F AIRCRAFT

USE F-9 AIRCRAFT

G

G FORCE

USE ACCELERATION (PHYSICS)

G-1 AIRCRAFT

UF NAVION G-1 AIRCRAFT
NAVION RANGEMASTER AIRCRAFT
RANGEMASTER AIRCRAFT
GS GENERAL AVIATION AIRCRAFT
G-1 AIRCRAFT
LIGHT AIRCRAFT
G-1 AIRCRAFT
MONOPLANES
G-1 AIRCRAFT
NAVION AIRCRAFT
G-1 AIRCRAFT
PASSENGER AIRCRAFT
G-1 AIRCRAFT
TRANSPORT AIRCRAFT
G-1 AIRCRAFT

G-91 AIRCRAFT

UF FIAT G-91 AIRCRAFT
GS ATTACK AIRCRAFT
FIGHTER AIRCRAFT
G-91 AIRCRAFT
FIAT AIRCRAFT
G-91 AIRCRAFT
JET AIRCRAFT
G-91 AIRCRAFT
LIGHT AIRCRAFT
G-91 AIRCRAFT
MONOPLANES
G-91 AIRCRAFT
OBSERVATION AIRCRAFT
G-91 AIRCRAFT
RECONNAISSANCE AIRCRAFT
G-91 AIRCRAFT
TRAINING AIRCRAFT
G-91 AIRCRAFT

G-95/4 AIRCRAFT

UF FIAT G-95/4 AIRCRAFT
GS ATTACK AIRCRAFT
FIGHTER AIRCRAFT
G-95/4 AIRCRAFT
FIAT AIRCRAFT
G-95/4 AIRCRAFT

G-95/4 AIRCRAFT-(CONT.)

JET AIRCRAFT
G-95/4 AIRCRAFT
MONOPLANES
G-95/4 AIRCRAFT
OBSERVATION AIRCRAFT
G-95/4 AIRCRAFT
RECONNAISSANCE AIRCRAFT
G-95/4 AIRCRAFT
SUPERSONIC AIRCRAFT
G-95/4 AIRCRAFT
V/STOL AIRCRAFT
G-95/4 AIRCRAFT

G-222 AIRCRAFT

UF FIAT G-222 AIRCRAFT
GS FIAT AIRCRAFT
G-222 AIRCRAFT
JET AIRCRAFT
TURBOPROP AIRCRAFT
G-222 AIRCRAFT
MONOPLANES
G-222 AIRCRAFT
PASSENGER AIRCRAFT
G-222 AIRCRAFT
TRANSPORT AIRCRAFT
G-222 AIRCRAFT
V/STOL AIRCRAFT
G-222 AIRCRAFT

GA-5 AIRCRAFT

UF GLOSTER GA-5 AIRCRAFT
JAVELIN AIRCRAFT
GS ATTACK AIRCRAFT
FIGHTER AIRCRAFT
GA-5 AIRCRAFT
HAWKER SIDDELEY AIRCRAFT
GA-5 AIRCRAFT
JET AIRCRAFT
GA-5 AIRCRAFT
MONOPLANES
GA-5 AIRCRAFT
RT DELTA WINGS

GABON

RT AFRICA
NATIONS

GADOLINIUM

GS CHEMICAL ELEMENTS
RARE EARTH ELEMENTS
GADOLINIUM
GADOLINIUM ISOTOPES
METALS
RARE EARTH ELEMENTS
GADOLINIUM
GADOLINIUM ISOTOPES

GADOLINIUM ALLOYS

GS ALLOYS
RARE EARTH ALLOYS
GADOLINIUM ALLOYS
MIXTURES
GADOLINIUM ALLOYS
RT METALS
MIXTURES

GADOLINIUM ISOTOPES

GS CHEMICAL ELEMENTS
NUCLIDES
ISOTOPES
GADOLINIUM ISOTOPES
RARE EARTH ELEMENTS
GADOLINIUM
GADOLINIUM ISOTOPES
METALS
RARE EARTH ELEMENTS
GADOLINIUM
GADOLINIUM ISOTOPES

GAGES

USE MEASURING INSTRUMENTS

GAIN (AMPLIFICATION)

USE AMPLIFICATION

GALACTIC CLUSTERS

GS CELESTIAL BODIES
GALAXIES
GALACTIC CLUSTERS
VIRGO GALACTIC CLUSTER
RT AGGLOMERATION
DISK GALAXIES
ELLIPTICAL GALAXIES

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GALACTIC CLUSTERS-(CONT.)

STAR CLUSTERS
STAR DISTRIBUTION

GALACTIC EVOLUTION

GS EVOLUTION (DEVELOPMENT)
GALACTIC EVOLUTION
RT ASTROPHYSICS
BIG BANG COSMOLOGY
COSMOLOGY
DISK GALAXIES
STAR DISTRIBUTION
STELLAR EVOLUTION
STELLAR MASS ACCRETION

GALACTIC MAGNETIC FIELDS

USE INTERSTELLAR MAGNETIC FIELDS

GALACTIC NUCLEI

RT ABSORPTION SPECTRA
DISK GALAXIES
RADIO SOURCES (ASTRONOMY)
SEYFERT GALAXIES

GALACTIC RADIATION

GS EXTRATERRESTRIAL RADIATION
GALACTIC RADIATION
GALACTIC RADIO WAVES
NORTH POLAR SPUR (ASTRONOMY)
RT BRIGHTNESS DISTRIBUTION
CORPUSCULAR RADIATION
COSMIC NOISE
COSMIC RAYS
COSMIC X RAYS
ELECTROMAGNETIC RADIATION
GAMMA RAY ASTRONOMY
GAMMA RAY BURSTS
HUBBLE DIAGRAM
INTERSTELLAR RADIATION
MASS TO LIGHT RATIOS
∞ RADIATION
RADIATIVE TRANSFER
SOLAR RADIATION 1 SATELLITE
SOLAR RADIATION 3 SATELLITE
STELLAR RADIATION
UHURU SATELLITE

GALACTIC RADIATION EXP BACKGROUND SATS

USE GREB SATELLITES

GALACTIC RADIO WAVES

GS ELECTROMAGNETIC RADIATION
RADIO WAVES
EXTRATERRESTRIAL RADIO WAVES
GALACTIC RADIO WAVES
EXTRATERRESTRIAL RADIATION
EXTRATERRESTRIAL RADIO WAVES
GALACTIC RADIO WAVES
NORTH POLAR SPUR (ASTRONOMY)
GALACTIC RADIATION
GALACTIC RADIO WAVES
NORTH POLAR SPUR (ASTRONOMY)
RT COSMIC NOISE

GALACTIC ROTATION

RT DISK GALAXIES
HYDROGEN CLOUDS
STELLAR MOTIONS
VELOCITY DISTRIBUTION

GALACTIC STRUCTURE

RT BARRED GALAXIES
DENSITY WAVE MODEL
DISK GALAXIES
GALAXIES
∞ STRUCTURES

GALACTOKINASE

GS ALIPHATIC COMPOUNDS
GALACTOKINASE
CARBOHYDRATES
GALACTOKINASE
ENZYMES
GALACTOKINASE
RT DIGITALIS

GALACTOSE

GS ALIPHATIC COMPOUNDS
SUGARS
GALACTOSE
CARBOHYDRATES
SUGARS
GALACTOSE

GALAXIES

GS CELESTIAL BODIES
 . GALAXIES
 . . ANDROMEDA GALAXIES
 . . DISK GALAXIES
 . . ELLIPTICAL GALAXIES
 . . GALACTIC CLUSTERS
 . . . VIRGO GALACTIC CLUSTER
 . . MAFFEI GALAXIES
 . . RADIO GALAXIES
 . . SEYFERT GALAXIES
 . . SPIRAL GALAXIES
 . . . BARRED GALAXIES
 . . . MILKY WAY GALAXY
 RT BL LACERTAE OBJECTS
 GALACTIC STRUCTURE
 GUM NEBULA
 HUBBLE CONSTANT
 HUBBLE DIAGRAM
 NEBULAE
 ORION NEBULA
 QUASARS
 RADIO SOURCES (ASTRONOMY)
 RED SHIFT
 STAR CLUSTERS
 STARS

GALAXY AIRCRAFT

USE C-5 AIRCRAFT

GALERKIN METHOD

RT LINEARIZATION
 ∞ METHODOLOGY

GALILEAN SATELLITES

GS CELESTIAL BODIES
 . NATURAL SATELLITES
 . . GALILEAN SATELLITES
 . . . CALLISTO
 . . . EUROPA
 . . . GANYMEDE
 . . . IO
 SATELLITES
 . NATURAL SATELLITES
 . . GALILEAN SATELLITES
 . . . CALLISTO
 . . . GANYMEDE
 RT CHARON
 GALILEO PROJECT
 GALILEO SPACECRAFT
 JUPITER (PLANET)
 TRITON

GALILEO MISSION

USE GALILEO PROJECT

GALILEO PROBE

GS INTERPLANETARY SPACECRAFT
 . JUPITER PROBES
 . . GALILEO PROBE
 UNMANNED SPACECRAFT
 . SPACE PROBES
 . . JUPITER PROBES
 . . . GALILEO PROBE
 RT JUPITER (PLANET)
 ∞ PROBES
 ∞ SPACECRAFT

GALILEO PROJECT

UF GALILEO MISSION
 GS PROGRAMS
 . NASA PROGRAMS
 . . GALILEO PROJECT
 . PROJECTS
 . . GALILEO PROJECT
 RT ATMOSPHERIC ENTRY
 FLYBY MISSIONS
 GALILEAN SATELLITES
 JUPITER ATMOSPHERE
 JUPITER PROBES

GALILEO SPACECRAFT

GS INTERPLANETARY SPACECRAFT
 . JUPITER PROBES
 . . GALILEO SPACECRAFT
 UNMANNED SPACECRAFT
 . SPACE PROBES
 . . JUPITER PROBES
 . . . GALILEO SPACECRAFT
 RT FLYBY MISSIONS
 GALILEAN SATELLITES
 JUPITER (PLANET)
 ∞ MISSIONS
 ∞ SPACECRAFT

GALL

RT DIGESTIVE SYSTEM
 GASTROINTESTINAL SYSTEM
 SECRETIONS

GALLAMINE TRIETHIODIDE

GS AMINES
 . GALLAMINE TRIETHIODIDE
 ETHERS
 . GALLAMINE TRIETHIODIDE
 HALOGEN COMPOUNDS
 . IODINE COMPOUNDS
 . . IODIDES
 . . . GALLAMINE TRIETHIODIDE

GALLATES

GS GALLIUM COMPOUNDS
 . GALLATES
 . . SODIUM GALLATES

GALLIUM

GS CHEMICAL ELEMENTS
 . GALLIUM
 . . GALLIUM ISOTOPES
 METALS
 . GALLIUM
 . . GALLIUM ISOTOPES

GALLIUM ALLOYS

GS ALLOYS
 . GALLIUM ALLOYS

GALLIUM ANTIMONIDES

GS ANTIMONY COMPOUNDS
 . ANTIMONIDES
 . . GALLIUM ANTIMONIDES
 GALLIUM COMPOUNDS
 . GALLIUM ANTIMONIDES

GALLIUM ARSENIDE LASERS

GS ELECTRONIC EQUIPMENT
 . SOLID STATE DEVICES
 . . SEMICONDUCTOR DEVICES
 . . . SEMICONDUCTOR LASERS
 GALLIUM ARSENIDE LASERS
 . . . SOLID STATE LASERS
 GALLIUM ARSENIDE LASERS
 STIMULATED EMISSION DEVICES
 . LASERS
 . . SEMICONDUCTOR LASERS
 . . . GALLIUM ARSENIDE LASERS
 . . . SOLID STATE LASERS
 GALLIUM ARSENIDE LASERS
 RT INJECTION LASERS
 STIMULATED EMISSION
 WAVEGUIDE LASERS

GALLIUM ARSENIDES

GS ARSENIC COMPOUNDS
 . ARSENIDES
 . . GALLIUM ARSENIDES
 . . . ALUMINUM GALLIUM ARSENIDES
 GALLIUM COMPOUNDS
 . GALLIUM ARSENIDES
 . . ALUMINUM GALLIUM ARSENIDES
 RT GUNN DIODES
 HETEROJUNCTION DEVICES
 INJECTION LASERS
 NEGATIVE CONDUCTANCE
 NEGATIVE RESISTANCE DEVICES
 SCHOTTKY DIODES
 SEMICONDUCTOR LASERS
 TRANSFERRED ELECTRON DEVICES

GALLIUM COMPOUNDS

GS GALLIUM COMPOUNDS
 . GALLATES
 . . SODIUM GALLATES
 . GALLIUM ANTIMONIDES
 . GALLIUM ARSENIDES
 . . ALUMINUM GALLIUM ARSENIDES
 . GALLIUM NITRIDES
 . GALLIUM OXIDES
 . GALLIUM PHOSPHIDES
 . GALLIUM SELENIDES
 RT ∞ CHEMICAL COMPOUNDS
 ∞ GROUP 3A COMPOUNDS
 ∞ METAL COMPOUNDS

GALLIUM ISOTOPES

GS CHEMICAL ELEMENTS
 . GALLIUM
 . . GALLIUM ISOTOPES
 . NUCLIDES

GALLIUM ISOTOPES-(CONT.)

. . ISOTOPES
 . . . GALLIUM ISOTOPES
 METALS
 . GALLIUM
 . . GALLIUM ISOTOPES

GALLIUM NITRIDES

GS GALLIUM COMPOUNDS
 . GALLIUM NITRIDES
 RT SEMICONDUCTORS (MATERIALS)

GALLIUM OXIDES

GS GALLIUM COMPOUNDS
 . GALLIUM OXIDES

GALLIUM PHOSPHIDES

GS GALLIUM COMPOUNDS
 . GALLIUM PHOSPHIDES
 PHOSPHORUS COMPOUNDS
 . PHOSPHIDES
 . . GALLIUM PHOSPHIDES

GALLIUM SELENIDES

GS CHALCOGENIDES
 . SELENIDES
 . . GALLIUM SELENIDES
 GALLIUM COMPOUNDS
 . GALLIUM SELENIDES
 SELENIUM COMPOUNDS
 . SELENIDES
 . . GALLIUM SELENIDES

GALVANIC CELLS

USE ELECTROLYTIC CELLS

GALVANIC SKIN RESPONSE

UF ELECTRODERMAL RESPONSE
 GS RESPONSES
 . GALVANIC SKIN RESPONSE
 RT ELECTRICAL RESISTANCE
 LIES

GALVANIZING

USE ZINC COATINGS

GALVANOMAGNETIC EFFECTS

UF GALVANOMAGNETISM
 GS GALVANOMAGNETIC EFFECTS
 . NERNST-ETTINGSHAUSEN EFFECT
 RT ∞ EFFECTS
 HALL EFFECT

GALVANOMAGNETISM

USE GALVANOMAGNETIC EFFECTS

GALVANOMETERS

GS MEASURING INSTRUMENTS
 . GALVANOMETERS
 RT AMMETERS
 ELECTROMETERS
 MICROMILLIAMMETERS
 MILLIVOLTMETERS
 THERMOCOUPLE PYROMETERS

GAMBIA

RT AFRICA
 NATIONS

GAME THEORY

GS RESEARCH
 . GAME THEORY
 . . SADDLE POINTS (GAME THEORY)
 RT DECISION THEORY
 DEPLOYMENT
 INFORMATION THEORY
 LINEAR PROGRAMMING
 MARTINGALES
 MATHEMATICAL MODELS
 MATHEMATICAL PROGRAMMING
 MINIMAX TECHNIQUE
 MONTE CARLO METHOD
 OPERATIONS RESEARCH
 PROBABILITY THEORY
 RISK
 SADDLE POINTS
 SIMULATION
 STATISTICAL ANALYSIS
 STATISTICAL DECISION THEORY
 STOCHASTIC PROCESSES
 STRATEGY
 ∞ THEORIES
 WAR GAMES

GAMETOCYTES

GAMETOCYTES

UF OOCYTES
SPERMATOCYTES
GS CELLS (BIOLOGY)
GAMETOCYTES
RT SPERMATOGENESIS

GAMMA FUNCTION

GS ANALYSIS (MATHEMATICS)
COMPLEX VARIABLES
GAMMA FUNCTION
FUNCTIONS (MATHEMATICS)
GAMMA FUNCTION
RT FACTORIALS
STATISTICAL DISTRIBUTIONS

GAMMA GLOBULIN

GS ANTIBODIES
GAMMA GLOBULIN
PROTEINS
GLOBULINS
GAMMA GLOBULIN

GAMMA RADIATION

USE GAMMA RAYS

GAMMA RAY ABSORPTIOMETRY

GS DENSITY MEASUREMENT
GAMMA RAY ABSORPTIOMETRY
RT ABSORPTION SPECTRA
DENSITOMETERS
ELECTROMAGNETIC ABSORPTION
ENERGY ABSORPTION
MEASUREMENT
PHOTON ABSORPTIOMETRY
RADIATION ABSORPTION

GAMMA RAY ABSORPTION

GS ENERGY ABSORPTION
ELECTROMAGNETIC ABSORPTION
GAMMA RAY ABSORPTION
RADIATION ABSORPTION
ELECTROMAGNETIC ABSORPTION
GAMMA RAY ABSORPTION
RT ABSORPTION
ELECTROMAGNETIC PROPERTIES
ELECTROMAGNETIC RADIATION
IONIZING RADIATION
NUCLEAR RADIATION
PHOTON ABSORPTIOMETRY

GAMMA RAY ASTRONOMY

GS ASTRONOMY
RADIO ASTRONOMY
GAMMA RAY ASTRONOMY
RT ASTROPHYSICS
COSMIC X RAYS
ENERGY SPECTRA
GALACTIC RADIATION
GAMMA RAY BURSTS
X RAY ASTRONOMY

GAMMA RAY ASTRONOMY EXPLORER

USE EXPLORER 11 SATELLITE

GAMMA RAY BEAMS

GS BEAMS (RADIATION)
GAMMA RAY BEAMS
ELECTROMAGNETIC RADIATION
GAMMA RAY BEAMS
IONIZING RADIATION
GAMMA RAY BEAMS
NUCLEAR RADIATION
GAMMA RAY BEAMS
RT PHOTON BEAMS
RADIOACTIVE DECAY

GAMMA RAY BURSTS

UF COSMIC GAMMA RAY BURSTS
BURSTS
GS GAMMA RAY BURSTS
ELECTROMAGNETIC RADIATION
GAMMA RAYS
GAMMA RAY BURSTS
EXTRATERRESTRIAL RADIATION
GAMMA RAY BURSTS
IONIZING RADIATION
COSMIC RAYS
GAMMA RAY BURSTS
GAMMA RAYS
GAMMA RAY BURSTS
NUCLEAR RADIATION
GAMMA RAYS
GAMMA RAY BURSTS

GAMMA RAY BURSTS-(CONT.)

RT BIG BANG COSMOLOGY
BREMSSTRAHLUNG
CERENKOV RADIATION
COSMIC X RAYS
GALACTIC RADIATION
GAMMA RAY ASTRONOMY
INTERSTELLAR RADIATION
NUCLEAR PARTICLES
RADIANT FLUX DENSITY
STELLAR RADIATION
X RAY ASTRONOMY

GAMMA RAY LASERS

GS STIMULATED EMISSION DEVICES
LASERS
GAMMA RAY LASERS
RT COHERENT LIGHT
LIGHT TRANSMISSION
OPTICAL PUMPING
PULSED RADIATION

GAMMA RAY OBSERVATORY

GS OBSERVATORIES
ASTRONOMICAL OBSERVATORIES
GAMMA RAY OBSERVATORY
RT OGO
TELESCOPES

GAMMA RAY SPECTRA

GS SPECTRA
RADIATION SPECTRA
ELECTROMAGNETIC SPECTRA
GAMMA RAY SPECTRA
RT EMISSION SPECTRA
IONIZING RADIATION
RADIATION SPECTRA
SPECTRA

GAMMA RAY SPECTROMETERS

GS MEASURING INSTRUMENTS
SPECTROMETERS
GAMMA RAY SPECTROMETERS
RT OPTICAL MEASUREMENT
SOLAR MAXIMUM MISSION
SPECTRA
SPECTRUM ANALYSIS

GAMMA RAY TELESCOPES

GS TELESCOPES
GAMMA RAY TELESCOPES
RT ASTRONOMY
COSMIC RAYS
ELECTROMAGNETIC RADIATION

GAMMA RAYS

SN (EMITTED BY NUCLEI)
UF GAMMA RADIATION
GS ELECTROMAGNETIC RADIATION
GAMMA RAYS
GAMMA RAY BURSTS
IONIZING RADIATION
GAMMA RAYS
GAMMA RAY BURSTS
NUCLEAR RADIATION
GAMMA RAYS
GAMMA RAY BURSTS
RT BREMSSTRAHLUNG
CERENKOV RADIATION
COSMIC RAYS
COSMIC X RAYS
EMISSION SPECTRA
FLUX (RATE)
FLUX DENSITY
MONOCHROMATIC RADIATION
MOSSBAUER EFFECT
PHOTOMAGNETIC EFFECTS
PHOTONS
RADIATION EFFECTS
RADIATION SHIELDING
RADIOACTIVE DECAY
RADIOACTIVITY
RAYS
TRANSVERSE OSCILLATION
TRANSVERSE WAVES
X RAYS

GANGLIA

GS NERVOUS SYSTEM
GANGLIA
NERVES
NEURONS
RT CELLS (BIOLOGY)
NEUROPHYSIOLOGY

NASA THESAURUS (VOLUME 1)

GANTRIES

USE GANTRY CRANES

GANTRY CRANES

UF GANTRIES
GS HANDLING EQUIPMENT
CRANES
GANTRY CRANES
RT GROUND SUPPORT EQUIPMENT
LAUNCHING PADS
LAUNCHING SITES
UMBILICAL TOWERS

GANYMEDE

GS CELESTIAL BODIES
NATURAL SATELLITES
GALILEAN SATELLITES
GANYMEDE
SATELLITES
NATURAL SATELLITES
GALILEAN SATELLITES
GANYMEDE
RT CALLISTO
CHARON
IO
JUPITER (PLANET)

GAPS

GS GAPS
ENERGY GAPS (SOLID STATE)
SPARK GAPS
RT ARRESTERS
BREAKDOWN
HOLES
OPENINGS
ORIFICES
PASSAGEWAYS
TUNNELS

GAPS (GEOLOGY)

UF COLS
PASSES
GS LANDFORMS
GAPS (GEOLOGY)
RT GEOLOGY
MOUNTAINS
RIDGES

GARBAGE

GS WASTES
GARBAGE
RT COMPOSTING
ORGANIC WASTES (FUEL CONVERSION)
SEWERS
SOLID WASTES
UTILITIES
WASTE DISPOSAL
WASTE TREATMENT

GARMENTS

GS CLOTHING
GARMENTS
RT FLIGHT CLOTHING
SUITS
VESTS

GARNETS

GS MINERALS
GARNETS
SILICON COMPOUNDS
SILICATES
GARNETS
YTTRIUM-ALUMINUM GARNET
YTTRIUM-IRON GARNET
RT ECLOGITE
LASERS

GARP

USE GLOBAL ATMOSPHERIC RESEARCH PROGRAM

GARP ATLANTIC TROPICAL EXPERIMENT

UF GATE (EXPERIMENT)
GS PROGRAMS
NASA PROGRAMS
GLOBAL ATMOSPHERIC RESEARCH PROGRAM
GARP ATLANTIC TROPICAL EXPERIMENT
RT ATLANTIC OCEAN
INTERTROPICAL CONVERGENT ZONES
METEOROLOGY
OCEANOGRAPHY
TROPICAL METEOROLOGY

GARP ATLANTIC TROPICAL-(CONT.)

TROPICAL REGIONS
WEATHER FORECASTING

GAS ANALYSIS

GS CHEMICAL TESTS
CHEMICAL ANALYSIS
GAS ANALYSIS
OZONOMETRY
VAN SLYKE METHOD
RT AIR SAMPLING
FLAME PROBES
HOPCALITE (TRADEMARK)
MASS SPECTROMETERS
MATERIALS TESTS
OXYGEN ANALYZERS
QUALITATIVE ANALYSIS
QUANTITATIVE ANALYSIS
VOLUMETRIC ANALYSIS

GAS ATOMIZATION

GS ATOMIZING
GAS ATOMIZATION
RT AEROSOLS
COLLISIONS
COMMINUTION
LIQUID ATOMIZATION
PARTICLES

GAS BAGS

GS BAGS
GAS BAGS
EXPANDABLE STRUCTURES
INFLATABLE STRUCTURES
GAS BAGS
RT BALLOONS
HIGH ALTITUDE BALLOONS

GAS BEARINGS

UF AIR BEARINGS
GAS LUBRICATED BEARINGS
GS BEARINGS
GAS BEARINGS
RT ANTIFRICTION BEARINGS
FLUID FILMS
HIGH TEMPERATURE LUBRICANTS
SQUEEZE FILMS
THRUST BEARINGS
TURBINE ENGINES

GAS CHROMATOGRAPHY

GS CHROMATOGRAPHY
GAS CHROMATOGRAPHY
RT ADSORPTION
CHEMICAL ANALYSIS
PAPER CHROMATOGRAPHY
SORPTION
THIN LAYER CHROMATOGRAPHY

GAS COMPOSITION

GS COMPOSITION (PROPERTY)
GAS COMPOSITION
CARBON DIOXIDE CONCENTRATION
RT ATMOSPHERIC COMPOSITION
ATOM CONCENTRATION
CHEMICAL COMPOSITION
DALTON LAW
EXPIRED AIR
IONOSPHERIC COMPOSITION
PLASMA COMPOSITION
POLAR GASES

GAS COOLED FAST REACTORS

GS NUCLEAR REACTORS
FAST NUCLEAR REACTORS
GAS COOLED FAST REACTORS
GAS COOLED REACTORS
GAS COOLED FAST REACTORS

GAS COOLED REACTORS

UF GCR (REACTORS)
GS NUCLEAR REACTORS
GAS COOLED REACTORS
EXPERIMENTAL GAS COOLED REACTORS
GAS COOLED FAST REACTORS
HIGH TEMPERATURE NUCLEAR REACTORS
HIGH TEMPERATURE GAS COOLED REACTORS
KIWI REACTORS
KIWI B REACTORS
KIWI B-1 REACTOR
KIWI B-2 REACTOR
KIWI B-4 REACTOR

GAS COOLED REACTORS-(CONT.)

KIWI B-5 REACTOR
TORY 2 REACTOR
TORY 2-A REACTOR
TORY 2-C REACTOR
RT GAS REACTORS

GAS COOLING

SN (COOLING WITH GAS)
GS COOLING
GAS COOLING
RT COOLANTS
FREON
HEAT EXCHANGERS

GAS DENSITY

GS DENSITY (MASS/VOLUME)
GAS DENSITY
RT ATOM CONCENTRATION
BUOYANCY
CONVECTIVE FLOW
GASEOUS DIFFUSION
IDEAL GAS
PROBABILITY DENSITY FUNCTIONS
RAREFIED GASES
REAL GASES

GAS DETECTORS

RT DETECTION
DETECTORS
HAZE DETECTION
IDENTIFYING
INDICATING INSTRUMENTS
MONITORS
PROBES
SENSORS
SMOKE DETECTORS
WARNING SYSTEMS

GAS DISCHARGE COUNTERS

USE COUNTERS
GAS DISCHARGE TUBES

GAS DISCHARGE TUBES

UF DISCHARGE TUBES
GAS DISCHARGE COUNTERS
GS ELECTRON TUBES
VACUUM TUBES
VACUUM TUBE OSCILLATORS
GAS DISCHARGE TUBES
IGNITRONS
THYRATRONS
OSCILLATORS
VACUUM TUBE OSCILLATORS
GAS DISCHARGE TUBES
RT FARADAY DARK SPACE
GAS TUBES
MICROWAVE EQUIPMENT
MICROWAVE OSCILLATORS
MICROWAVE TUBES
PHOTOTUBES
RADIATION COUNTERS

GAS DISCHARGES

GS ELECTRIC CURRENT
ELECTRIC DISCHARGES
TOWNSEND DISCHARGE
GAS DISCHARGES
TOROIDAL DISCHARGE
RING DISCHARGE
RT AFTERGLOWS
COLD CATHODE TUBES
COLD CATHODES
ELECTRIC ARCS
ELECTRIC SPARKS
ELECTRODELESS DISCHARGES
ELECTRON AVALANCHE
GLOW DISCHARGES
LIGHTNING
POLAR GASES

GAS DISSOCIATION

GS DISSOCIATION
GAS DISSOCIATION
RT THERMAL DISSOCIATION

GAS DYNAMICS

GS FLUID MECHANICS
FLUID DYNAMICS
GAS DYNAMICS
AERODYNAMICS
AEROTHERMODYNAMICS
HYPERSONICS
ROTOR AERODYNAMICS
SUPERSONICS

GAS DYNAMICS-(CONT.)

RAREFIED GAS DYNAMICS
RT DALTON LAW
DYNAMICS
GASEOUS DIFFUSION
GASEOUS SELF-DIFFUSION
GASES
HYDRODYNAMIC EQUATIONS
HYDRODYNAMICS
JET MEMBRANE PROCESS
KINETICS
LORENTZ GAS
MAGNETOHYDRODYNAMICS
MECHANICS (PHYSICS)
MOLECULAR GASES
POLAR GASES
THERMODYNAMICS

GAS EVACUATING

USE EVACUATING (VACUUM)

GAS EVOLUTION

GS EVOLUTION (LIBERATION)
GAS EVOLUTION
RT DEGASSING
OUTGASSING
TRANSPIRATION

GAS EXCHANGE

GS EXCHANGING
GAS EXCHANGE
RT OXYGEN PRODUCTION

GAS EXPANSION

GS EXPANSION
GAS EXPANSION
RT JOULE-THOMSON EFFECT
PRESSURE REDUCTION

GAS EXPLOSIONS

GS EXPLOSIONS
CHEMICAL EXPLOSIONS
GAS EXPLOSIONS
RT DETONABLE GAS MIXTURES
DETONATION WAVES
FLAME PROPAGATION
FLAMMABLE GASES
UNDERGROUND EXPLOSIONS

GAS FLOW

UF GASEOUS CAVITATION
GS FLUID FLOW
GAS FLOW
AIR FLOW
AIR CURRENTS
JET STREAMS (METEOROLOGY)
MERIDIONAL FLOW
VERTICAL AIR CURRENTS
CONTINUUM FLOW
EQUILIBRIUM FLOW
FROZEN EQUILIBRIUM FLOW
SHIFTING EQUILIBRIUM FLOW
FREE MOLECULAR FLOW
KNUDSEN FLOW
MOLECULAR FLOW
SLIP FLOW
TRANSITION FLOW
NONEQUILIBRIUM FLOW
PIPE FLOW
RT AIR DUCTS
AIR JETS
COMPRESSIBLE FLOW
CRITICAL FLOW
CROCCO-LEE THEORY
GASDYNAMIC LASERS
GASEOUS DIFFUSION
GASES
GEOPHYSICAL FLUID FLOW CELLS
HYDRAULIC ANALOGIES
HYPERSONIC FLOW
INCOMPRESSIBLE FLOW
INVISCID FLOW
JOULE-THOMSON EFFECT
LAMINAR FLOW
LIQUID FLOW
MAGNETOHYDRODYNAMIC FLOW
MASS FLOW
MOLECULAR RELAXATION
MOLECULAR TRAJECTORIES
MULTIPHASE FLOW
NONUNIFORM FLOW
ORIFICE FLOW
PRESSURE DROP
RADIAL FLOW
SINGLE-PHASE FLOW

GAS GENERATOR ENGINES

GAS FLOW-(CONT.)

STEADY FLOW
STEAM FLOW
STREAMS
SUBCRITICAL FLOW
SUBSONIC FLOW
SUPERCRITICAL FLOW
SUPERSONIC FLOW
SUPERSONIC JET FLOW
TRANSONIC FLOW
TURBULENT FLOW
TWO PHASE FLOW
UNIFORM FLOW
UNSTEADY FLOW
VAPOR JETS
VISCIOUS FLOW

GAS GENERATOR ENGINES

USE ENGINES
GAS GENERATORS

GAS GENERATORS

UF GAS GENERATOR ENGINES
RT CHEMICAL REACTORS
∞ GENERATORS
PNEUMATIC EQUIPMENT
PRESSURIZING
VAPORIZERS

GAS GIANT PLANETS

GS CELESTIAL BODIES
PLANETS
GAS GIANT PLANETS
JUPITER (PLANET)
NEPTUNE (PLANET)
SATURN (PLANET)
URANUS (PLANET)
URANUS RINGS
RT EXTRASOLAR PLANETS
JUPITER RED SPOT
NEPTUNE ATMOSPHERE
PLANETARY COMPOSITION
SATURN RINGS
SOLAR SYSTEM
URANUS ATMOSPHERE

GAS GUNS

GS GAS GUNS
LIGHT GAS GUNS
RT ATMOSPHERIC ENTRY
BALLISTICS
∞ GUNS
HYPERVELOCITY GUNS
WIND TUNNELS

GAS HEATING

GS HEATING
GAS HEATING
RT ARC HEATING
KINETIC HEATING
PLASMA HEATING
RADIANT HEATING
RESISTANCE HEATING
THERMAL DIFFUSION

GAS INJECTION

GS INJECTION
FLUID INJECTION
GAS INJECTION
RT FORMATIONS
FUEL INJECTION
INFLATING
PERFORATING
PLASMA PUMPING
POROSITY
PRESSURIZING
STIMULATION
WATER INJECTION

GAS IONIZATION

GS IONIZATION
GAS IONIZATION
ATMOSPHERIC IONIZATION
AURORAL IONIZATION
FLAME IONIZATION
RT AFTERGLOWS
ELECTRON ATTACHMENT
HELIUM AFTERGLOW
IONIZED GASES
IONIZERS
PENNING DISCHARGE
PENNING EFFECT
PHOTOIONIZATION
PLASMA DISPLAY DEVICES
RING DISCHARGE

GAS JETS

GS FLUID JETS
GAS JETS
RT AIR JETS
COLD GAS
∞ JETS

GAS LASERS

GS STIMULATED EMISSION DEVICES
LASERS
GAS LASERS
CARBON DIOXIDE LASERS
CARBON MONOXIDE LASERS
DF LASERS
EXCIMER LASERS
HCL LASERS
HCL ARGON LASERS
HCN LASERS
HELIUM-NEON LASERS
HF LASERS
KRYPTON FLUORIDE LASERS
NITROGEN LASERS
TEA LASERS
ULTRAVIOLET LASERS
XENON FLUORIDE LASERS
RT CARBON LASERS
CHEMICAL LASERS
ELECTRON PUMPING
GASDYNAMIC LASERS
INFRARED LASERS
MACH-ZEHNDER INTERFEROMETERS
MOLECULAR OSCILLATIONS
NUCLEAR PUMPING
ORGANIC LASERS
POLAR GASES
POWER TRANSMISSION (LASERS)
PULSED LASERS
Q SWITCHED LASERS
RARE GAS-HALIDE LASERS
STIMULATED EMISSION
WATER MASERS

GAS LIQUEFACTION

USE CONDENSING

GAS LUBRICANTS

GS LUBRICANTS
GAS LUBRICANTS
RT GASEOUS DIFFUSION
HIGH TEMPERATURE LUBRICANTS
METAL-GAS SYSTEMS
SOLID LUBRICANTS
SQUEEZE FILMS

GAS LUBRICATED BEARINGS

USE GAS BEARINGS

GAS MASERS

GS STIMULATED EMISSION DEVICES
MASERS
GAS MASERS
HYDROGEN MASERS
RT ARGON LASERS
ATOMIC CLOCKS
CARBON DIOXIDE LASERS
FREQUENCY STANDARDS
INTERSTELLAR MASERS
POLAR GASES
STIMULATED EMISSION
TEA LASERS
WATER MASERS

GAS METERS

GS MEASURING INSTRUMENTS
FLOWMETERS
GAS METERS
RT FLOW MEASUREMENT
VENTURI TUBES

GAS MIXTURES

GS GASES
GAS MIXTURES
ALVEOLAR AIR
COMPRESSED AIR
DETONABLE GAS MIXTURES
EXPIRED AIR
LIQUID AIR
MIXTURES
SOLUTIONS
GAS MIXTURES
DETONABLE GAS MIXTURES
RT ARGON-OXYGEN ATMOSPHERES
ATMOSPHERES
BINARY FLUIDS
BINARY MIXTURES

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GAS MIXTURES-(CONT.)

CONTROLLED ATMOSPHERES
EUDIOMETERS
EXHAUST GASES
FUEL-AIR RATIO
FUMES
GASEOUS ROCKET PROPELLANTS
HELIUM-OXYGEN ATMOSPHERES
HYDROGEN-BASED ENERGY
IGNITION LIMITS
LAMINAR MIXING
LIGHTHILL GAS MODEL
LIQUEFIED GASES
LIQUID-GAS MIXTURES
PREMIXED FLAMES
PREMIXING

GAS PHASES

USE VAPOR PHASES

GAS PIPES

GS PIPES (TUBES)
GAS PIPES
RT ∞ GAS TUBES

GAS POCKETS

RT CAVITIES
EVACUATING (VACUUM)

GAS PRESSURE

GS PRESSURE
GAS PRESSURE
RT ATMOSPHERIC PRESSURE
COMPRESSED GAS
INTERNAL PRESSURE
PARTIAL PRESSURE

∞ GAS REACTORS

SN (USE OF A MORE SPECIFIC TERM IS
RECOMMENDED-CONSULT THE TERMS
LISTED BELOW)
RT CHEMICAL REACTORS
GAS COOLED REACTORS
GASEOUS FISSION REACTORS

GAS RECOVERY

GS RECLAMATION
GAS RECOVERY
RT ENERGY TECHNOLOGY
EXHAUST GASES
GASEOUS DIFFUSION
GASES
∞ RECOVERY
WASTES

GAS SPECTROSCOPY

GS CHEMICAL TESTS
CHEMICAL ANALYSIS
GAS SPECTROSCOPY
SPECTROSCOPY
GAS SPECTROSCOPY
FLAME SPECTROSCOPY
RT MAGNETIC SPECTROSCOPY
MASS SPECTROSCOPY
OPTOGALVANIC SPECTROSCOPY
SPECTROSCOPIC ANALYSIS
VACUUM SPECTROSCOPY
VISIBLE SPECTRUM

GAS STREAMS

GS GASES
GAS STREAMS
STREAMS
GAS STREAMS
RT JET FLOW
LAMINAR FLOW
TURBULENCE
WIND TUNNELS

GAS TEMPERATURE

GS TEMPERATURE
GAS TEMPERATURE
RT ATMOSPHERIC TEMPERATURE
INLET TEMPERATURE
IONIZED GASES
RAREFIED GASES
SHOCK TUBES
SHOCK WAVES
TEMPERATURE MEASUREMENT

GAS TRANSPORT

SN (ENCOMPASSES GAS DYNAMICS-
EXCLUDES MATERIALS HANDLING)
RT ENERGY TRANSFER

NASA THESAURUS (VOLUME 1)

GAS TRANSPORT-(CONT.)

GASEOUS DIFFUSION
HEAT TRANSFER
KINETIC THEORY
LIGHTHILL GAS MODEL
MAGNETOHYDRODYNAMICS
MASS TRANSFER
POLLUTION TRANSPORT
TRANSPORT THEORY

∞GAS TUBES

SN (USE OF A MORE SPECIFIC TERM IS
RECOMMENDED-CONSULT THE TERMS
LISTED BELOW)
RT COLD CATHODE TUBES
GAS DISCHARGE TUBES
GAS PIPES
TRIGATRONS

GAS TUNGSTEN ARC WELDING

UF TIG WELDING
TUNGSTEN INERT GAS WELDING
GS WELDING
ELECTRIC WELDING
ARC WELDING
GAS TUNGSTEN ARC WELDING

GAS TURBINE ENGINES

GS ENGINES
AIR BREATHING ENGINES
GAS TURBINE ENGINES
JET ENGINES
RAMJET ENGINES
LOW VOLUME RAMJET ENGINES
PULSEJET ENGINES
SUPERSONIC COMBUSTION
RAMJET ENGINES
TURBORAMJET ENGINES
TURBOJET ENGINES
BRISTOL-SIDDELEY OLYMPUS
593 ENGINE
BRISTOL-SIDDELEY VIPER
ENGINE
DUCTED FAN ENGINES
J-33 ENGINE
J-34 ENGINE
J-40 ENGINE
J-47 ENGINE
J-57 ENGINE
J-57-P-20 ENGINE
J-65 ENGINE
J-69-T-25 ENGINE
J-71 ENGINE
J-73 ENGINE
J-75 ENGINE
J-79 ENGINE
J-85 ENGINE
J-93 ENGINE
RA-28 ENGINE
TURBOFAN ENGINES
BRISTOL-SIDDELEY BS 53
ENGINE
CF-700 ENGINE
J-97 ENGINE
STF-102 ENGINE
TF-41 ENGINE
TF-106 ENGINE
TURBOPROP ENGINES
T-53 ENGINE
T-56 ENGINE
T-64 ENGINE
T-74 ENGINE
TURBORAMJET ENGINES
PTL-6 ENGINE
T-58-GE-8B ENGINE
INTERNAL COMBUSTION ENGINES
GAS TURBINE ENGINES
HYDROGEN ENGINES
JET ENGINES
RAMJET ENGINES
LOW VOLUME RAMJET ENGINES
PULSEJET ENGINES
SUPERSONIC COMBUSTION
RAMJET ENGINES
TURBORAMJET ENGINES
T-63 ENGINE
T-76 ENGINE
TURBOJET ENGINES
BRISTOL-SIDDELEY OLYMPUS
593 ENGINE
BRISTOL-SIDDELEY VIPER
ENGINE
DUCTED FAN ENGINES
J-33 ENGINE
J-34 ENGINE

GAS TURBINE ENGINES-(CONT.)

J-40 ENGINE
J-47 ENGINE
J-52 ENGINE
J-57 ENGINE
J-57-P-20 ENGINE
J-65 ENGINE
J-69-T-25 ENGINE
J-71 ENGINE
J-73 ENGINE
J-75 ENGINE
J-79 ENGINE
J-85 ENGINE
J-93 ENGINE
RA-28 ENGINE
TURBOFAN ENGINES
BRISTOL-SIDDELEY BS 53
ENGINE
CF-700 ENGINE
J-97 ENGINE
STF-102 ENGINE
TF-30 ENGINE
TF-41 ENGINE
TF-106 ENGINE
TURBOPROP ENGINES
T-34 ENGINE
T-38 ENGINE
T-53 ENGINE
T-56 ENGINE
T-64 ENGINE
T-74 ENGINE
T-78 ENGINE
TURBORAMJET ENGINES
PTL-6 ENGINE
T-58 ENGINE
T-58-GE-8B ENGINE
TURBINE ENGINES
GAS TURBINE ENGINES
JET ENGINES
RAMJET ENGINES
LOW VOLUME RAMJET ENGINES
PULSEJET ENGINES
SUPERSONIC COMBUSTION
RAMJET ENGINES
TURBORAMJET ENGINES
T-63 ENGINE
T-76 ENGINE
TURBOJET ENGINES
BRISTOL-SIDDELEY OLYMPUS
593 ENGINE
BRISTOL-SIDDELEY VIPER
ENGINE
DUCTED FAN ENGINES
J-33 ENGINE
J-34 ENGINE
J-40 ENGINE
J-47 ENGINE
J-52 ENGINE
J-57 ENGINE
J-57-P-20 ENGINE
J-65 ENGINE
J-69-T-25 ENGINE
J-71 ENGINE
J-73 ENGINE
J-75 ENGINE
J-79 ENGINE
J-85 ENGINE
J-93 ENGINE
RA-28 ENGINE
TURBOFAN ENGINES
BRISTOL-SIDDELEY BS 53
ENGINE
CF-700 ENGINE
J-97 ENGINE
STF-102 ENGINE
TF-30 ENGINE
TF-41 ENGINE
TF-106 ENGINE
TURBOPROP ENGINES
T-34 ENGINE
T-38 ENGINE
T-53 ENGINE
T-56 ENGINE
T-64 ENGINE
T-74 ENGINE
T-78 ENGINE
TURBORAMJET ENGINES
PTL-6 ENGINE
T-58 ENGINE
T-58-GE-8B ENGINE
AIRCRAFT ENGINES
AXIAL FLOW TURBINES
BRAYTON CYCLE
EXTERNAL COMBUSTION ENGINES
FLAMEOUT
STEAM TURBINES

RT

GAS-METAL INTERACTIONS

GAS TURBINE ENGINES-(CONT.)

SUPERSONIC TURBINES
TURBOGENERATORS
TWO STAGE TURBINES

GAS TURBINES

GS TURBOMACHINERY
TURBINES
GAS TURBINES
RT AXIAL FLOW TURBINES
BRAYTON CYCLE
CLOSED CYCLES
COMBINED CYCLE POWER GENERATION
INTERNAL COMBUSTION ENGINES
STEAM TURBINES
SUPERSONIC TURBINES
TURBOGENERATORS
TWO STAGE TURBINES

GAS VALVES

GS PNEUMATIC EQUIPMENT
GAS VALVES
VALVES
GAS VALVES
RT AUTOMATIC CONTROL VALVES
COCKS
DAMPERS (VALVES)
FUEL VALVES
RELIEF VALVES

GAS VISCOSITY

GS TRANSPORT PROPERTIES
VISCOSITY
GAS VISCOSITY
RT GASEOUS DIFFUSION
LENNARD-JONES GAS

GAS WELDING

SN (EXCLUDES ELECTRIC WELDING IN THE
PRESENCE OF A CONTROLLED
GASEOUS ATMOSPHERE)
GS WELDING
LASER WELDING
FUSION WELDING
GAS WELDING
BRAZING
LOW TEMPERATURE BRAZING
RT GAS-METAL INTERACTIONS
PRESSURE WELDING

GAS-GAS INTERACTIONS

GS GAS-GAS INTERACTIONS
ASSOCIATION REACTIONS
RT DALTON LAW
DETONABLE GAS MIXTURES
EXHAUST EMISSION
GASEOUS DIFFUSION
INTERACTIONS

GAS-ION INTERACTIONS

UF ION-GAS INTERACTIONS
RT GASEOUS DIFFUSION
INTERACTIONS

GAS-LIQUID INTERACTIONS

GS GAS-LIQUID INTERACTIONS
AIR WATER INTERACTIONS
AIR SEA ICE INTERACTIONS
RT CONDENSING
ENERGY TRANSFER
EVAPORATION
GASEOUS DIFFUSION
HEAT TRANSFER
INTERACTIONS
INTERFACIAL TENSION
MASS TRANSFER
MOMENTUM TRANSFER
NONCONDENSABLE GASES
SURFACE REACTIONS

GAS-METAL INTERACTIONS

GS GAS-SOLID INTERACTIONS
GAS-METAL INTERACTIONS
RT ABLATION
ADSORPTION
CHEMICAL REACTIONS
CHEMISORPTION
CONDENSATION
CONDENSING
CORROSION
DIFFUSION
EVAPORATION
EXHAUST EMISSION
FLAME PROPAGATION
GAS WELDING

GAS-SOLID INTERACTIONS

GAS-METAL INTERACTIONS-(CONT.)

GASEOUS DIFFUSION
HOT CORROSION
HYDROGEN EMBRITTLEMENT
∞ INTERACTIONS
METAL COMBUSTION
METAL VAPORS
METAL-GAS SYSTEMS
OCCLUSION
SOLID PHASES
SUBLIMATION
VAPOR PHASES

GAS-SOLID INTERACTIONS

GS GAS-SOLID INTERACTIONS
RT GAS-METAL INTERACTIONS
AIR LAND INTERACTIONS
DYNAMIC LOADS
FLUID DYNAMICS
IMPINGEMENT
∞ INTERACTIONS
PANEL METHOD (FLUID DYNAMICS)

GAS-SOLID INTERFACES

GS BOUNDARIES
FLUID BOUNDARIES
GAS-SOLID INTERFACES
INTERFACES
FLUID BOUNDARIES
GAS-SOLID INTERFACES
RT BOUNDARY LAYERS
HEAT TRANSFER
INTERFACE STABILITY
METAL SURFACES
OCCLUSION
SOLID PHASES
SOLID-SOLID INTERFACES
SOLUBILITY
SUBLIMATION
VAPOR PHASES

GASDYNAMIC LASERS

GS STIMULATED EMISSION DEVICES
LASERS
GASDYNAMIC LASERS
RT GAS FLOW
GAS LASERS
LASER OUTPUTS
PLASMA DYNAMIC LASERS
TUBE LASERS

GASEOUS CAVITATION

USE CAVITATION FLOW
GAS FLOW

GASEOUS DIFFUSION

GS DIFFUSION
GASEOUS DIFFUSION
GASEOUS SELF-DIFFUSION
TRANSPORT PROPERTIES
GASEOUS DIFFUSION
GASEOUS SELF-DIFFUSION
RT DIFFUSION COEFFICIENT
GAS DENSITY
GAS DYNAMICS
GAS FLOW
GAS LUBRICANTS
GAS RECOVERY
GAS TRANSPORT
GAS VISCOSITY
GAS-GAS INTERACTIONS
GAS-ION INTERACTIONS
GAS-LIQUID INTERACTIONS
GAS-METAL INTERACTIONS
MOLECULAR DIFFUSION
POLLUTION TRANSPORT
THERMAL DIFFUSION

GASEOUS FISSION REACTORS

GS NUCLEAR REACTORS
GASEOUS FISSION REACTORS
RT FISSIONABLE MATERIALS
FISSIONABLE MATERIALS
∞ GAS REACTORS
NUCLEAR LIGHTBULB ENGINES
NUCLEAR PROPULSION
PLASMA PROPULSION

GASEOUS FUELS

GS FUELS
GASEOUS FUELS
LIQUID FUELS
RT LIGNITE

GASEOUS ROCKET PROPELLANTS

GS PROPELLANTS
ROCKET PROPELLANTS
GASEOUS ROCKET PROPELLANTS
RT CRYOGENIC ROCKET PROPELLANTS
ENDOTHERMIC FUELS
GAS MIXTURES
HIGH ENERGY PROPELLANTS
HYBRID PROPELLANTS
HYDROGEN FUELS
LIQUID ROCKET PROPELLANTS
MAN OPERATED PROPULSION SYSTEMS
MONOPROPELLANTS
STORABLE PROPELLANTS

GASEOUS SELF-DIFFUSION

GS DIFFUSION
GASEOUS DIFFUSION
GASEOUS SELF-DIFFUSION
TRANSPORT PROPERTIES
GASEOUS DIFFUSION
GASEOUS SELF-DIFFUSION
RT ELECTRON DIFFUSION
GAS DYNAMICS
KINETIC THEORY
MOLECULAR DIFFUSION
PARTICLE DIFFUSION
PLASMA DIFFUSION

GASES

GS GASES
AIR
ALVEOLAR AIR
COMPRESSED AIR
EXPIRED AIR
HIGH TEMPERATURE AIR
LIQUID AIR
CARBON DIOXIDE
CARBON MONOXIDE
CARBON SUBOXIDES
COLD GAS
COMPRESSED GAS
HIGH PRESSURE OXYGEN
DISSOLVED GASES
EXHAUST GASES
FLUE GASES
FLAMMABLE GASES
LIQUEFIED NATURAL GAS
PYROGEN
GAS MIXTURES
ALVEOLAR AIR
COMPRESSED AIR
DETONABLE GAS MIXTURES
EXPIRED AIR
LIQUID AIR
GAS STREAMS
GRAY GAS
HIGH TEMPERATURE GASES
HIGH TEMPERATURE AIR
HYDROGEN
HYDROGEN ATOMS
HYDROGEN IONS
HYDROGEN ISOTOPES
DEUTERIUM
HYDROGEN 4
TRITIUM
HYDROGEN PLASMA
DEUTERIUM PLASMA
LIQUID HYDROGEN
ORTHO HYDROGEN
PARA HYDROGEN
IDEAL GAS
IONIZED GASES
CHARGED PARTICLES
ARGON PLASMA
BOUNDARY LAYER PLASMAS
COLD PLASMAS
COLLISIONAL PLASMAS
STRONGLY COUPLED PLASMAS
COLLISIONLESS PLASMAS
CONDUCTION ELECTRONS
DENSE PLASMAS
STRONGLY COUPLED PLASMAS
ELECTRON PLASMA
ELLIPTICAL PLASMAS
HELIUM PLASMA
HIGH TEMPERATURE PLASMAS
LASER PLASMAS
METALLIC PLASMAS
CESIUM PLASMA
MICROPLASMAS
NITROGEN PLASMA
NUCLEI (NUCLEAR PHYSICS)
EVEN-EVEN NUCLEI
HEAVY NUCLEI

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GASES-(CONT.)

HYPERNUCLEI
ODD-EVEN NUCLEI
ODD-ODD NUCLEI
RAREFIED PLASMAS
RELATIVISTIC PLASMAS
ROTATING PLASMAS
SOLAR WIND
STELLAR WINDS
THERMAL PLASMAS
LIQUEFIED GASES
LIQUEFIED NATURAL GAS
LIQUID AIR
LIQUID AMMONIA
LIQUID FLUORINE
LIQUID HELIUM
LIQUID HELIUM 2
LIQUID HYDROGEN
LIQUID NEON
LIQUID NITROGEN
LIQUID OXYGEN
LORENTZ GAS
MOLECULAR GASES
POLAR GASES
POLYATOMIC GASES
DIATOMIC GASES
MONATOMIC GASES
NATURAL GAS
LIQUEFIED NATURAL GAS
NITROGEN
LIQUID NITROGEN
NITROGEN IONS
NONCONDENSABLE GASES
NONGRAY GAS
NONPOLAR GASES
OXYGEN
HIGH PRESSURE OXYGEN
LIQUID OXYGEN
OXYGEN ATOMS
OXYGEN IONS
OXYGEN ISOTOPES
OXYGEN 18
OXYGEN PLASMA
OZONE
OZONATES
OZONIDES
PHOSGENE
RARE GASES
ARGON
ARGON ISOTOPES
HELIUM
HELIUM ATOMS
HELIUM FILM
HELIUM ISOTOPES
LIQUID HELIUM
LIQUID HELIUM 2
NEON
LIQUID NEON
NEON ISOTOPES
RADON
RADON ISOTOPES
XENON
XENON ISOTOPES
XENON 129
XENON 133
XENON 135
RAREFIED GASES
COSMIC GASES
INTERPLANETARY GAS
INTERSTELLAR GAS
NEUTRAL GASES
REAL GASES
RESIDUAL GAS
SOLIDIFIED GASES
SOLID CRYOGENS
RT ATMOSPHERES
COAL GASIFICATION
∞ FLUIDS
FUELS
FUMES
GAS DYNAMICS
GAS FLOW
GAS RECOVERY
HYDROGEN CLOUDS
METAL-GAS SYSTEMS
NONPOINT SOURCES
ODORS
PLASMAS (PHYSICS)
PNEUMATICS
PREVAPORIZATION
REACTION PRODUCTS
VAPOR PHASES
VAPORS

GASIFICATION

GS GASIFICATION

GASIFICATION-(CONT.)

. COAL GASIFICATION
 . . . HYDROLYSIS
 RT SYNTHANE

GASKETS

GS SEALS (STOPPERS)
 . GASKETS
 RT LABYRINTH SEALS
 O RING SEALS
 PUMP SEALS

GASOL (FUEL)

GS FUELS
 . CHEMICAL FUELS
 . . . SYNTHETIC FUELS
 . . . GASOL (FUEL)
 RT ALCOHOLS
 GASOLINE

GASOLINE

GS FUELS
 . CHEMICAL FUELS
 . . . HYDROCARBON FUELS
 . . . GASOLINE
 LIQUID FUELS
 RT ANTIKNOCK ADDITIVES
 AUTOMOBILE FUELS
 DIESEL FUELS
 GASOL (FUEL)
 JET ENGINE FUELS
 KEROGEN
 KEROSENE
 OCTANE NUMBER
 SHALE OIL
 SOLVENT REFINED COAL

GASP

USE GLOBAL AIR SAMPLING PROGRAM

GASTROINTESTINAL SYSTEM

GS DIGESTIVE SYSTEM
 . GASTROINTESTINAL SYSTEM
 . . . INTESTINES
 . . . RECTUM
 . . . STOMACH
 RT ABDOMEN
 COLIC
 GALL
 GLANDS (ANATOMY)
 LIVER
 ORGANS
 PANCREAS

GATE (EXPERIMENT)

USE GARP ATLANTIC TROPICAL EXPERIMENT

∞ GATES

SN *(USE OF A MORE SPECIFIC TERM IS
 RECOMMENDED--CONSULT THE TERMS
 LISTED BELOW)*
 RT CLOSURES
 GATES (CIRCUITS)
 GATES (OPENINGS)

GATES (CIRCUITS)

UF OR-GATES
 GS CIRCUITS
 . GATES (CIRCUITS)
 . . . THRESHOLD GATES
 RT COINCIDENCE CIRCUITS
 ∞ GATES
 LOGIC CIRCUITS
 LOGICAL ELEMENTS
 SWITCHING CIRCUITS
 THRESHOLD LOGIC
 TRIGGER CIRCUITS

GATES (OPENINGS)

RT APERTURES
 ∞ BARRIERS
 CANALS
 DOORS
 FENCES (BARRIERS)
 ∞ GATES
 HATCHES
 HYDRAULIC EQUIPMENT
 OPENINGS
 OUTLETS
 SAFETY DEVICES
 VENTS
 WALLS

GAUGE INVARIANCE

GS INVARIANCE
 . GAUGE INVARIANCE
 RT ELECTROMAGNETIC RADIATION
 TRANSFORMATIONS (MATHEMATICS)

GAUGE THEORY

RT GRAVITATION THEORY
 ∞ THEORIES
 YANG-MILLS FIELDS
 YANG-MILLS THEORY

GAUSS EQUATION

UF GAUSS FUNCTION
 GS ANALYSIS (MATHEMATICS)
 . REAL VARIABLES
 . . . DIFFERENTIAL EQUATIONS
 . . . PARTIAL DIFFERENTIAL EQUATIONS
 . . . GAUSS EQUATION
 RT MAXWELL EQUATION

GAUSS FUNCTION

USE GAUSS EQUATION

GAUSS-MARKOV THEOREM

GS THEOREMS
 . GAUSS-MARKOV THEOREM
 RT LEAST SQUARES METHOD
 STATISTICAL ANALYSIS
 VARIANCE (STATISTICS)

GAUSSIAN DISTRIBUTIONS

USE NORMAL DENSITY FUNCTIONS

GAUSSIAN NOISE

USE RANDOM NOISE

GAUSSMETERS

USE MAGNETOMETERS

GAUZE

GS FABRICS
 . GAUZE
 RT CASTS

GAW-1 AIRFOIL

UF GENERAL AVIATION WHITCOMB AIRFOIL
 GS AIRFOILS
 . WINGS
 . . GAW-1 AIRFOIL
 RT ATLIT PROJECT
 PA-34 SENECA AIRCRAFT
 WING PROFILES

GAW-2 AIRFOIL

UF GENERAL AVIATION WHITCOMB AIRFOIL
 GS AIRFOILS
 . WINGS
 . . GAW-2 AIRFOIL
 RT BODY-WING CONFIGURATIONS
 FLAPS (CONTROL SURFACES)
 GENERAL AVIATION AIRCRAFT
 WING PROFILES

GC-130 AIRCRAFT

USE C-130 AIRCRAFT

GCR (REACTORS)

USE GAS COOLED REACTORS

GDOP

USE GEOMETRIC DILUTION OF PRECISION

GE COMPUTERS

UF GENERAL ELECTRIC COMPUTERS
 GS DATA PROCESSING EQUIPMENT
 . COMPUTERS
 . . DIGITAL COMPUTERS
 . . . GE COMPUTERS
 GE 235 COMPUTER
 GE 625 COMPUTER
 GE 635 COMPUTER

GE 235 COMPUTER

GS DATA PROCESSING EQUIPMENT
 . COMPUTERS
 . . DIGITAL COMPUTERS
 . . . GE COMPUTERS
 GE 235 COMPUTER

GE 625 COMPUTER

GS DATA PROCESSING EQUIPMENT
 . COMPUTERS

GE 625 COMPUTER-(CONT.)

. . . DIGITAL COMPUTERS
 . . . GE COMPUTERS
 GE 625 COMPUTER

GE 635 COMPUTER

GS DATA PROCESSING EQUIPMENT
 . COMPUTERS
 . . DIGITAL COMPUTERS
 . . . GE COMPUTERS
 GE 635 COMPUTER

∞ GEAR

SN *(USE OF A MORE SPECIFIC TERM IS
 RECOMMENDED--CONSULT THE TERMS
 LISTED BELOW)*
 RT ARRESTING GEAR
 GEARS
 LANDING GEAR
 MECHANICAL DRIVES

GEAR TEETH

RT GEARS
 MECHANICAL DRIVES

GEARS

GS GEARS
 . RACKS (GEARS)
 RT COUNTER-ROTATING WHEELS
 ∞ GEAR
 GEAR TEETH
 IDLERS
 LUBRICATION
 MECHANICAL DRIVES
 TRANSMISSIONS (MACHINE ELEMENTS)
 WHEELS
 WINDMILLS (WINDPOWERED MACHINES)

GEGENSCHIEIN

GS ELECTROMAGNETIC RADIATION
 . LIGHT (VISIBLE RADIATION)
 . . GEGENSCHIEIN
 EXTRATERRESTRIAL RADIATION
 . GEGENSCHIEIN
 RT NIGHT SKY
 POLARIZED LIGHT
 SKY BRIGHTNESS
 SOLAR RADIATION
 TERRESTRIAL DUST BELT
 ZODIACAL LIGHT

GEHLENITE

GS ALUMINUM COMPOUNDS
 . GEHLENITE
 . . CALCIUM COMPOUNDS
 . . . CALCIUM SILICATES
 . . . GEHLENITE
 . . . MAGNESIUM COMPOUNDS
 . . . GEHLENITE
 . . . MINERALS
 . . . GEHLENITE
 . . . AKERMANITE
 . . . SILICON COMPOUNDS
 . . . SILICATES
 . . . CALCIUM SILICATES
 . . . GEHLENITE
 RT ALUMINUM OXIDES

GEIGER COUNTERS

UF GEIGER-MUELLER TUBES
 GS IONIZATION CHAMBERS
 . GEIGER COUNTERS
 . . MEASURING INSTRUMENTS
 . . . COUNTERS
 . . . RADIATION COUNTERS
 GEIGER COUNTERS
 . . . RADIATION MEASURING INSTRUMENTS
 . . . RADIATION COUNTERS
 GEIGER COUNTERS
 RT DOSIMETERS
 NEUTRON COUNTERS
 OVERVOLTAGE
 PARTICLE TELESCOPES
 PROPORTIONAL COUNTERS
 RADIATION DETECTORS

GEIGER-MUELLER TUBES

USE GEIGER COUNTERS

GELATINS

RT COLLAGENS
 ∞ FOOD
 GELS
 NONNEWTONIAN FLUIDS

GELATION

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GELATION

RT COAGULATION
COLLOIDING
GELS
SOLIDIFICATION
THIXOTROPY

GELLED PROPELLANTS

GS PROPELLANTS
. GELLED PROPELLANTS
. GELLED ROCKET PROPELLANTS
RT CHEMICAL FUELS
COLLOIDAL PROPELLANTS
HIGH TEMPERATURE PROPELLANTS
HYDROGEN FUELS
METAL FUELS
METAL PROPELLANTS
PLASTIC PROPELLANTS
PROPELLANT ADDITIVES
SOLID PROPELLANTS

GELLED ROCKET PROPELLANTS

UF THIXOTROPIC PROPELLANTS
GS FUELS
. LIQUID ROCKET PROPELLANTS
. GELLED ROCKET PROPELLANTS
. LIQUID FUELS
LIQUIDS
. LIQUID ROCKET PROPELLANTS
. GELLED ROCKET PROPELLANTS
. LIQUID FUELS
PROPELLANTS
. GELLED PROPELLANTS
. GELLED ROCKET PROPELLANTS
. ROCKET PROPELLANTS
. LIQUID ROCKET PROPELLANTS
. GELLED ROCKET PROPELLANTS
RT CHEMICAL FUELS
CRYOGENIC ROCKET PROPELLANTS
GELS
HIGH TEMPERATURE PROPELLANTS
HYBRID PROPELLANTS
HYPERGOLIC ROCKET PROPELLANTS
METAL PROPELLANTS
MONOPROPELLANTS
SLURRY PROPELLANTS
SOLID ROCKET PROPELLANTS
STORABLE PROPELLANTS

GELS

GS GELS
. DOUBLE BASE ROCKET PROPELLANTS
. SILICA GEL
RT COLLOIDS
DOPES
GELATINS
GELATION
GELLED ROCKET PROPELLANTS
NONNEWTONIAN FLUIDS
SLURRIES
THICKENERS (MATERIALS)
THIXOTROPY

GEMINI (GT-1) SPACECRAFT

GS MANNED SPACECRAFT
. GEMINI SPACECRAFT
. GEMINI (GT-1) SPACECRAFT
REENTRY VEHICLES
. RECOVERABLE SPACECRAFT
. GEMINI SPACECRAFT
. GEMINI (GT-1) SPACECRAFT
SOFT LANDING SPACECRAFT
. GEMINI SPACECRAFT
. GEMINI (GT-1) SPACECRAFT
RT MANNED SPACE FLIGHT

GEMINI B SPACECRAFT

GS MANNED SPACECRAFT
. GEMINI B SPACECRAFT
REENTRY VEHICLES
. RECOVERABLE SPACECRAFT
. GEMINI B SPACECRAFT
SOFT LANDING SPACECRAFT
. GEMINI B SPACECRAFT
RT MANNED SPACE FLIGHT

GEMINI FLIGHTS

GS SPACE FLIGHT
. MANNED SPACE FLIGHT
. GEMINI FLIGHTS
. GEMINI 3 FLIGHT
. GEMINI 4 FLIGHT
. GEMINI 5 FLIGHT
. GEMINI 6 FLIGHT
. GEMINI 7 FLIGHT

GEMINI FLIGHTS-(CONT.)

. . . GEMINI 8 FLIGHT
. . . GEMINI 9 FLIGHT
. . . GEMINI 10 FLIGHT
. . . GEMINI 11 FLIGHT
. . . GEMINI 12 FLIGHT

GEMINI PROJECT

GS PROGRAMS
. NASA PROGRAMS
. GEMINI PROJECT
PROJECTS
. GEMINI PROJECT
RT AGENA B ROCKET VEHICLE
AGENA ROCKET VEHICLES
ATLAS LAUNCH VEHICLES
INTEGRATED MISSION CONTROL
CENTER
MERCURY PROJECT
TITAN PROJECT

GEMINI SPACECRAFT

GS MANNED SPACECRAFT
. GEMINI SPACECRAFT
. GEMINI (GT-1) SPACECRAFT
. GEMINI 2 SPACECRAFT
REENTRY VEHICLES
. RECOVERABLE SPACECRAFT
. GEMINI SPACECRAFT
. GEMINI (GT-1) SPACECRAFT
. GEMINI 2 SPACECRAFT
SOFT LANDING SPACECRAFT
. GEMINI SPACECRAFT
. GEMINI (GT-1) SPACECRAFT
. GEMINI 2 SPACECRAFT
RT MANNED SPACE FLIGHT
SPACE CAPSULES
TITAN PROJECT

GEMINI 2 SPACECRAFT

GS MANNED SPACECRAFT
. GEMINI SPACECRAFT
. GEMINI 2 SPACECRAFT
REENTRY VEHICLES
. RECOVERABLE SPACECRAFT
. GEMINI SPACECRAFT
. GEMINI 2 SPACECRAFT
SOFT LANDING SPACECRAFT
. GEMINI SPACECRAFT
. GEMINI 2 SPACECRAFT
RT MANNED SPACE FLIGHT

GEMINI 3 FLIGHT

GS SPACE FLIGHT
. MANNED SPACE FLIGHT
. GEMINI FLIGHTS
. GEMINI 3 FLIGHT
RT TITAN LAUNCH VEHICLES

GEMINI 4 FLIGHT

GS SPACE FLIGHT
. MANNED SPACE FLIGHT
. GEMINI FLIGHTS
. GEMINI 4 FLIGHT

GEMINI 5 FLIGHT

GS SPACE FLIGHT
. MANNED SPACE FLIGHT
. GEMINI FLIGHTS
. GEMINI 5 FLIGHT

GEMINI 6 FLIGHT

GS SPACE FLIGHT
. MANNED SPACE FLIGHT
. GEMINI FLIGHTS
. GEMINI 6 FLIGHT

GEMINI 7 FLIGHT

GS SPACE FLIGHT
. MANNED SPACE FLIGHT
. GEMINI FLIGHTS
. GEMINI 7 FLIGHT
RT TITAN LAUNCH VEHICLES

GEMINI 8 FLIGHT

GS SPACE FLIGHT
. MANNED SPACE FLIGHT
. GEMINI FLIGHTS
. GEMINI 8 FLIGHT
RT TITAN LAUNCH VEHICLES

GEMINI 9 FLIGHT

GS SPACE FLIGHT
. MANNED SPACE FLIGHT

GEMINI 9 FLIGHT-(CONT.)

. . . GEMINI FLIGHTS
. . . GEMINI 9 FLIGHT
RT TITAN LAUNCH VEHICLES

GEMINI 10 FLIGHT

GS SPACE FLIGHT
. MANNED SPACE FLIGHT
. GEMINI FLIGHTS
. GEMINI 10 FLIGHT
RT TITAN LAUNCH VEHICLES

GEMINI 11 FLIGHT

GS SPACE FLIGHT
. MANNED SPACE FLIGHT
. GEMINI FLIGHTS
. GEMINI 11 FLIGHT
RT TITAN LAUNCH VEHICLES

GEMINI 12 FLIGHT

GS SPACE FLIGHT
. MANNED SPACE FLIGHT
. GEMINI FLIGHTS
. GEMINI 12 FLIGHT
RT TITAN LAUNCH VEHICLES

GEMINID METEORIODS

GS CELESTIAL BODIES
. METEOROID SHOWERS
. GEMINID METEORIODS
. METEORIODS
. GEMINID METEORIODS

GENERAL AVIATION AIRCRAFT

UF EXECUTIVE AIRCRAFT
PRIVATE AIRCRAFT
GS GENERAL AVIATION AIRCRAFT
. AGRICULTURAL AIRCRAFT
. BEECHCRAFT 18 AIRCRAFT
. BEECHCRAFT 95 AIRCRAFT
. C-33 AIRCRAFT
. C-35 AIRCRAFT
. CESSNA 172 AIRCRAFT
. CESSNA 205 AIRCRAFT
. CESSNA 210 AIRCRAFT
. CESSNA 336 AIRCRAFT
. CESSNA 402B AIRCRAFT
. CL-600 CHALLENGER AIRCRAFT
. DH 125 AIRCRAFT
. DHC 2 AIRCRAFT
. DO-27 AIRCRAFT
. DO-28 AIRCRAFT
. FIAT 7002 HELICOPTER
. G-1 AIRCRAFT
. GRASSHOPPER HELICOPTER
. GY-80 AIRCRAFT
. HC-3 HELICOPTER
. KH-4 HELICOPTER
. M-218 AIRCRAFT
. YAK 40 AIRCRAFT
RT AIRCRAFT
CIVIL AVIATION
COMMERCIAL AIRCRAFT
DINFIA FA AIRCRAFT
GAW-2 AIRFOIL
HELICOPTERS
JET AIRCRAFT
LIGHT AIRCRAFT
LOW WING AIRCRAFT
PASSENGER AIRCRAFT
PIPER AIRCRAFT
SUBSONIC AIRCRAFT
TRAINING AIRCRAFT
TRANSPORT AIRCRAFT
TURBOPROP AIRCRAFT
UTILITY AIRCRAFT

GENERAL AVIATION WHITCOMB AIRFOIL

USE GAW-1 AIRFOIL
GAW-2 AIRFOIL

GENERAL DYNAMICS AIRCRAFT

UF CONVAIR MILITARY AIRCRAFT
GENERAL DYNAMICS MILITARY
AIRCRAFT
GS GENERAL DYNAMICS AIRCRAFT
. B-58 AIRCRAFT
. C-131 AIRCRAFT
. CANADAIR AIRCRAFT
. CL-28 AIRCRAFT
. CL-41 AIRCRAFT
. CL-44 AIRCRAFT
. CL-84 AIRCRAFT
. CV-340 AIRCRAFT
. CV-440 AIRCRAFT

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 . CV-880 AIRCRAFT
 . CV-990 AIRCRAFT
 . F-102 AIRCRAFT
 . F-106 AIRCRAFT
 . F-111 AIRCRAFT
 RT ∞ AIRCRAFT
 PA-34 SENECA AIRCRAFT
- GENERAL DYNAMICS MILITARY AIRCRAFT**
 USE GENERAL DYNAMICS AIRCRAFT
 MILITARY AIRCRAFT
- GENERAL ELECTRIC COMPUTERS**
 USE GE COMPUTERS
- GENERALIZATION (PSYCHOLOGY)**
 RT TRANSFER OF TRAINING
- ∞ GENERATION**
 SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)*
 RT COGENERATION
 HEAT GENERATION
 INITIATION
 REGENERATION (ENGINEERING)
- ∞ GENERATORS**
 SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)*
 RT AC GENERATORS
 ARC GENERATORS
 BOILERS
 CAVITY VAPOR GENERATORS
 COLLOIDAL GENERATORS
 DECOMMUTATORS
 DIRECT POWER GENERATORS
 DUOCHROMATORS
 ELECTRIC GENERATORS
 ELECTROSTATIC GENERATORS
 ENERGY CONVERSION EFFICIENCY
 FUNCTION GENERATORS
 GAS GENERATORS
 HALL GENERATORS
 HARMONIC GENERATORS
 HOMOPOLAR GENERATORS
 IMPULSE GENERATORS
 MAGNETOHYDRODYNAMIC GENERATORS
 MOTORS
 NOISE GENERATORS
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 RADIATION SOURCES
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 SHOCK WAVE GENERATORS
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 VORTEX GENERATORS
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 GS GENETICS
 . GENETIC CODE
 RT CHROMOSOMES
- GENETIC ENGINEERING**
 UF HYBRIDS (BIOLOGY)
 RT BIOCHEMISTRY
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- GENETICS**
 GS GENETICS
 . GENETIC CODE
 . MUTATIONS
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 GENETIC ENGINEERING
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 SPECIES DIFFUSION
- GENIE ROCKET VEHICLE**
 UF MB-1 ROCKET VEHICLE
 GS ROCKET VEHICLES
 . SINGLE STAGE ROCKET VEHICLES
 . GENIE ROCKET VEHICLE
 RT ASTROBEE ROCKET VEHICLES
 ASTROBEE 200 ROCKET VEHICLE
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- GENITOURINARY SYSTEM**
 GS ANATOMY
 . GENITOURINARY SYSTEM
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 . OVARIES
 . PROSTATE GLAND
 . TESTES
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 RT GYNECOLOGY
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- GEOASTROPHYSICS**
 USE ASTROPHYSICS
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- GEOBOTANY**
 GS BOTANY
 . GEOBOTANY
 RT PLANTS (BOTANY)
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- GEOCENTRIC COORDINATES**
 GS COORDINATES
 . PLANETOCENTRIC COORDINATES
 . GEOCENTRIC COORDINATES
 RT ASTRONOMICAL COORDINATES
 CELESTIAL REFERENCE SYSTEMS
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 SPHERICAL COORDINATES
- GEOCHEMISTRY**
 GS ENVIRONMENTAL CHEMISTRY
 . GEOCHEMISTRY
 . BIOGEOCHEMISTRY
 RT ∞ CHEMISTRY
 COSMOCHEMISTRY
 GEOCHRONOLOGY
 GEOLOGY
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 MARINE CHEMISTRY
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 PALEOBIOLOGY
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- GEOCHRONOLOGY**
 GS CHRONOLOGY
 . GEOCHRONOLOGY
 GEOLOGY
 . GEOCHRONOLOGY
 RT DENDROCHRONOLOGY
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 GS ATMOSPHERIC RADIATION
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- GEOCYCLOTRONS**
 GS PARTICLE ACCELERATORS
 . CYCLOTRONS
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 RT ∞ ACCELERATORS
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- GEODESIC LINES**
 GS GEOMETRY
 . EUCLIDEAN GEOMETRY
 . . LINES (GEOMETRY)
 GEODESIC LINES
 RT CHORDS (GEOMETRY)
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- GEODESY**
 UF EARTH FIGURE
 EARTH SHAPE
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 GS GEODESY
 . CELESTIAL GEODESY
 RT EARTH (PLANET)
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 GEOL SATELLITES
 GEOS 1 SATELLITE
 GEOS 2 SATELLITE
 GEOS 3 SATELLITE
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RT OPTICAL MEASUREMENT
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RT CRUSTAL FRACTURES
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GS ELECTRICITY
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USE MAGNETIC EFFECTS

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 GEOLOGY
 GEOPHYSICS

GEOPHYSICAL SATELLITES

GS SATELLITES
 ARTIFICIAL SATELLITES
 GEOPHYSICAL SATELLITES
 COSMOS 462 SATELLITE
 EXPLORER 6 SATELLITE
 EXPLORER 10 SATELLITE
 EXPLORER 12 SATELLITE
 EXPLORER 13 SATELLITE
 EXPLORER 45 SATELLITE
 INTERCOSMOS SATELLITES
 OGO
 EGO
 OGO-A
 OGO-3
 OGO-5
 OGO-6
 OSO
 OSO-C
 OSO-1
 OSO-2
 OSO-3
 OSO-4
 OSO-5
 OSO-6
 OSO-7
 OSO-8
 RADIATION AND METEOROID
 SATELLITE
 SPUTNIK 3 SATELLITE
 VANGUARD 3 SATELLITE
 EARTH SATELLITES
 GEOPHYSICAL SATELLITES
 COSMOS 462 SATELLITE
 EXPLORER 6 SATELLITE
 EXPLORER 10 SATELLITE
 EXPLORER 12 SATELLITE
 EXPLORER 13 SATELLITE
 EXPLORER 45 SATELLITE
 INTERCOSMOS SATELLITES

GEOPHYSICAL SATELLITES-(CONT.)

... OGO
 ... EGO
 ... OGO-A
 ... OGO-3
 ... OGO-5
 ... POGO
 ... OGO-C
 ... OGO-4
 ... OGO-6
 ... OSO
 ... OSO-C
 ... OSO-1
 ... OSO-2
 ... OSO-3
 ... OSO-4
 ... OSO-5
 ... OSO-6
 ... OSO-7
 ... OSO-8
 ... RADIATION AND METEOROID
 SATELLITE
 ... SPUTNIK 3 SATELLITE
 ... VANGUARD 3 SATELLITE
RT ARIEL SATELLITES
 COMMUNICATION SATELLITES
 EOLE SATELLITES
 METEOROLOGICAL SATELLITES
 PEOPLE SATELLITES
 SPACE LABORATORIES
 UNMANNED SPACECRAFT
 VANGUARD SATELLITES

GEOPHYSICS

UF GEOASTROPHYSICS
RT AERONOMY
 CONTINENTAL DRIFT
 EARTH (PLANET)
 EARTH PLANETARY STRUCTURE
 FORMATIONS
 GEOCHEMISTRY
 GEOCHRONOLOGY
 GEODESY
 GEODYNAMICS
 GEOELECTRICITY
 GEOIDS
 GEOLOGICAL SURVEYS
 GEOLOGY
 GEOMAGNETISM
 GEOPHYSICAL OBSERVATORIES
 GRAVIMETERS
 GRAVIMETRY
 HEAT TRANSMISSION
 HYDROGRAPHY
 HYDROLOGY
 INTERNATIONAL GEOPHYSICAL YEAR
 ISOSTASY
 LIMNOLOGY
 METEOROLOGY
 OCEANOGRAPHY
 PALEOMAGNETISM
 PETROLOGY
 PHYSICS
 PLATES (TECTONICS)
 RADIATION
 RADIOACTIVITY
 SEISMOLOGY
 STRATIGRAPHY
 STRUCTURAL PROPERTIES (GEOLOGY)
 TECTONICS
 THEORETICAL PHYSICS
 TILTMETERS
 TOPOGRAPHY

GEOPOTENTIAL

GS **GEOPOTENTIAL**
 GEOPOTENTIAL HEIGHT
 GEOELECTRICITY
 GRAVITATIONAL FIELDS
 HEIGHT
 POTENTIAL
 POTENTIAL ENERGY

GEOPOTENTIAL HEIGHT

GS **GEOPOTENTIAL**
 GEOPOTENTIAL HEIGHT
 POTENTIAL ENERGY
 GEOPOTENTIAL HEIGHT
RT ATMOSPHERIC PRESSURE
 EARTH ATMOSPHERE
 GRAVITATIONAL FIELDS
 HEAD (FLUID MECHANICS)
 SCALE HEIGHT

NASA THESAURUS (VOLUME 1)

GEOPRESSURE

GS PRESSURE
 GEOPRESSURE
RT GEOLOGY
 GEOTHERMAL RESOURCES
 GEOTHERMAL TECHNOLOGY
 PRESSURE GRADIENTS

GEORGIA

GS UNITED STATES OF AMERICA
 GEORGIA
RT ATLANTA (GA)
 SAND HILLS REGION (GA-NC-SC)

GEOS SATELLITES (ESA)

UF GEOS SATELLITES (ESRO)
GS SATELLITES
 ARTIFICIAL SATELLITES
 ... ESA SATELLITES
 ... **GEOS SATELLITES (ESA)**
 ... EARTH SATELLITES
 ... ESA SATELLITES
 ... **GEOS SATELLITES (ESA)**
RT EUROPEAN SPACE PROGRAMS
 GEOSARI PROJECT
 MAGNETOSPHERE

GEOS SATELLITES (ESRO)

USE GEOS SATELLITES (ESA)

GEOS 1 SATELLITE

GS SATELLITES
 ARTIFICIAL SATELLITES
 ... GEODETIC SATELLITES
 ... **GEOS 1 SATELLITE**
 ... EARTH SATELLITES
 ... GEODETIC SATELLITES
 ... **GEOS 1 SATELLITE**
 UNMANNED SPACECRAFT
 ... GEODETIC SATELLITES
 ... **GEOS 1 SATELLITE**
RT ACTIVE SATELLITES
 ANNA SATELLITES
 CELESTIAL GEODESY
 EXPLORER 29 SATELLITE
 LARGOS SATELLITE
 PAGEOS SATELLITE

GEOS 2 SATELLITE

UF GEOS-B SATELLITE
GS SATELLITES
 ARTIFICIAL SATELLITES
 ... GEODETIC SATELLITES
 ... **GEOS 2 SATELLITE**
 ... EARTH SATELLITES
 ... GEODETIC SATELLITES
 ... **GEOS 2 SATELLITE**
 UNMANNED SPACECRAFT
 ... GEODETIC SATELLITES
 ... **GEOS 2 SATELLITE**
RT ACTIVE SATELLITES
 ANNA SATELLITES
 CELESTIAL GEODESY
 EXPLORER 36 SATELLITE
 LARGOS SATELLITE
 PAGEOS SATELLITE

GEOS 3 SATELLITE

UF GEOS-C SATELLITE
GS SATELLITES
 ARTIFICIAL SATELLITES
 ... GEODETIC SATELLITES
 ... **GEOS 3 SATELLITE**
 ... EARTH SATELLITES
 ... GEODETIC SATELLITES
 ... **GEOS 3 SATELLITE**
 UNMANNED SPACECRAFT
 ... GEODETIC SATELLITES
 ... **GEOS 3 SATELLITE**
RT ACTIVE SATELLITES
 ANNA SATELLITES
 CELESTIAL GEODESY
 LARGOS SATELLITE
 PAGEOS SATELLITE

GEOS-B SATELLITE

USE GEOS 2 SATELLITE

GEOS-C SATELLITE

USE GEOS 3 SATELLITE

GEOS-D SATELLITE

UF GEODYNAMIC EXPERIMENTAL OCEAN
 SATELLITE

GEOS-D SATELLITE-(CONT.)

- GS SATELLITES
 . ARTIFICIAL SATELLITES
 . . GEOS-D SATELLITE
 . . EARTH SATELLITES
 . . GEOS-D SATELLITE
- GEOSARI PROJECT
 GS PROGRAMS
 . PROJECTS
 . . GEOSARI PROJECT
- RT ARIANE LAUNCH VEHICLE
 EUROPEAN SPACE AGENCY
 GEOS SATELLITES (ESA)

GEOSTATIONARY OPERATIONAL ENVIRON SATS

- USE GOES SATELLITES

GEOSTATIONARY OPERATL ENVIRON SATELLITE

- B
 USE GOES B (NOAA)

GEOSTATIONARY PLATFORMS

- USE SYNCHRONOUS PLATFORMS

GEOSTATIONARY SATELLITES

- USE SYNCHRONOUS SATELLITES

GEOSTROPHIC WIND

- GS WIND (METEOROLOGY)
 . WINDS ALOFT
 . . GEOSTROPHIC WIND
- RT BAROCLINIC INSTABILITY
 BAROCLINIC WAVES
 DIVERGENCE
 ISOBARS (PRESSURE)
 SEA BREEZE
 WIND SHEAR

GEOSYNCHRONOUS ORBITS

- GS ORBITS
 . SPACECRAFT ORBITS
 . . SATELLITE ORBITS
 . . . GEOSYNCHRONOUS ORBITS
- RT CIRCULAR ORBITS
 EQUATORIAL ORBITS
 INFRARED ASTRONOMY SATELLITE
 STATIONARY ORBITS
 SYNCHRONOUS PLATFORMS
 TWENTY-FOUR HOUR ORBITS

GEOSYNCLINES

- RT ANTICLINES
 DOMES (GEOLOGY)
 ∞ LAYERS
 ∞ STRATA
 STRATIFICATION
 STRATIGRAPHY
 SYNCLINES

GEOTECHNICAL ENGINEERING

- RT FOUNDATIONS
 SOIL MECHANICS
 STRUCTURAL DESIGN CRITERIA
 STRUCTURAL ENGINEERING

GEOTECHNICAL FABRICS

- UF GEOFABRICS
 GEOTEXTILES
 RT FABRICS
 SOIL MECHANICS

GEOTEMPERATURE

- UF GEOTHERMOMETRY
 RT GEOLOGY
 TEMPERATURE

GEOTEXTILES

- USE GEOTECHNICAL FABRICS

GEOTHERMAL ENERGY CONVERSION

- GS ENERGY CONVERSION
 . GEOTHERMAL ENERGY CONVERSION
- RT CLEAN ENERGY
 EARTH RESOURCES
 ENGINES
 HEAT TRANSFER
 HEAT TRANSMISSION
 OCEAN THERMAL ENERGY CONVERSION
 THERMAL ENERGY
 TURBINES
 TURBOGENERATORS

GEOTHERMAL ENERGY EXTRACTION

- GS EXTRACTION
 . GEOTHERMAL ENERGY EXTRACTION
- RT ENERGY CONVERSION
 ENERGY TECHNOLOGY
 HEAT EXCHANGERS
 HEAT PUMPS
 HEAT TRANSMISSION
 HEATING
 TURBINES
 TURBOGENERATORS
 WATER HEATING

GEOTHERMAL ENERGY UTILIZATION

- GS UTILIZATION
 . GEOTHERMAL ENERGY UTILIZATION
- RT COOLING
 ∞ ELECTRIC POWER
 ENERGY STORAGE
 HEAT PIPES
 HEAT STORAGE
 HEATING
 ∞ POWER PLANTS
 TURBOGENERATORS

GEOTHERMAL RESOURCES

- GS HEAT SOURCES
 . THERMAL RESOURCES
 . . GEOTHERMAL RESOURCES
 . . . GEYSERS
 RESOURCES
 . EARTH RESOURCES
 . . THERMAL RESOURCES
 . . . GEOTHERMAL RESOURCES
 GEYSERS
- RT DRY HEAT
 ∞ ENERGY SOURCES
 GEOPHYSICAL FLUIDS
 GEOPRESSURE
 HEAT TRANSMISSION
 HYDROTHERMAL SYSTEMS
 THERMAL ENERGY
 THERMAL MAPPING
 UNDERWATER RESOURCES

GEOTHERMAL TECHNOLOGY

- GS TECHNOLOGIES
 . ENERGY TECHNOLOGY
 . . GEOTHERMAL TECHNOLOGY
- RT DRY HEAT
 EXPLORATION
 GEOPHYSICAL FLUIDS
 GEOPRESSURE
 GEYSERS
 HEAT SOURCES
 HEAT TRANSFER
 OCEAN THERMAL ENERGY CONVERSION
 RESOURCES
 THERMAL RESOURCES

GEOTHERMOMETRY

- USE GEOTEMPERATURE

GEOTROPISM

- GS TROPISM
 . GEOTROPISM
- RT GRAVITATIONAL EFFECTS
 PHYSIOLOGICAL EFFECTS
 PLANTS (BOTANY)

GEP TELESCOPES

- USE PARTICLE TELESCOPES

GERDIEN ARC HEATERS

- USE ARC HEATING
 HEATING EQUIPMENT

GERDIEN CONDENSERS

- GS MEASURING INSTRUMENTS
 . GERDIEN CONDENSERS
- RT CAPACITORS
 ION DENSITY (CONCENTRATION)

GERIATRICS

- GS MEDICAL SCIENCE
 . GERIATRICS
- RT AGING (BIOLOGY)
 GERONTOLOGY

GERMAN DEMOCRATIC REPUBLIC

- USE EAST GERMANY

GERMANATES

- GS GERMANIUM COMPOUNDS

GERMANATES-(CONT.)

- . GERMANATES
 . . MAGNESIUM GERMANATES

GERMANIDES

- GS GERMANIUM COMPOUNDS
 . GERMANIDES
 . . MAGNESIUM GERMANIDES
- RT GERMANIUM ALLOYS

GERMANIUM

- GS CHEMICAL ELEMENTS
 . METALLOIDS
 . . GERMANIUM
 . . . GERMANIUM ISOTOPES

GERMANIUM ALLOYS

- GS ALLOYS
 . GERMANIUM ALLOYS
- RT GERMANIDES

GERMANIUM ANTIMONIDES

- GS ANTIMONY COMPOUNDS
 . ANTIMONIDES
 . . GERMANIUM ANTIMONIDES
 GERMANIUM COMPOUNDS
 GERMANIUM ANTIMONIDES

GERMANIUM CHLORIDES

- GS GERMANIUM COMPOUNDS
 . GERMANIUM CHLORIDES
 HALOGEN COMPOUNDS
 . CHLORINE COMPOUNDS
 . . CHLORIDES
 . . . GERMANIUM CHLORIDES
 . HALIDES
 . . CHLORIDES
 . . . GERMANIUM CHLORIDES

GERMANIUM COMPOUNDS

- GS GERMANIUM COMPOUNDS
 . GERMANATES
 . . MAGNESIUM GERMANATES
 . GERMANIDES
 . . MAGNESIUM GERMANIDES
 . GERMANIUM ANTIMONIDES
 . GERMANIUM CHLORIDES
 . GERMANIUM OXIDES
 . ORGANIC GERMANIUM COMPOUNDS
- RT ∞ CHEMICAL COMPOUNDS
 ∞ GROUP 4A COMPOUNDS

GERMANIUM DIODES

- UF GERMANIUM RECTIFIERS
 GS ELECTRONIC EQUIPMENT
 . DIODES
 . . SEMICONDUCTOR DIODES
 . . . GERMANIUM DIODES
 . . . SOLID STATE DEVICES
 . . SEMICONDUCTOR DEVICES
 . . . GERMANIUM DIODES
 RECTIFIERS
 . GERMANIUM DIODES
- RT JUNCTION DIODES
 TRANSISTORS

GERMANIUM ISOTOPES

- GS CHEMICAL ELEMENTS
 . METALLOIDS
 . . GERMANIUM
 . . . GERMANIUM ISOTOPES
 . . . NUCLIDES
 . . ISOTOPES
 . . . GERMANIUM ISOTOPES

GERMANIUM OXIDES

- GS CHALCOGENIDES
 . OXIDES
 . . GERMANIUM OXIDES
 GERMANIUM COMPOUNDS
 . GERMANIUM OXIDES
- RT ∞ OXYGEN COMPOUNDS

GERMANIUM RECTIFIERS

- USE GERMANIUM DIODES

∞ GERMANY

- SN (USE OF A MORE SPECIFIC TERM IS
 RECOMMENDED-CONSULT THE TERMS
 LISTED BELOW)
- RT EAST GERMANY
 WEST GERMANY

GERMICIDES

GERMICIDES

USE BACTERICIDES

GERMINATION

RT CROP GROWTH
GROWTH
PHYTOTRONS
VIABILITY

GERMINATORS

USE PHYTOTRONS

GERONTOLOGY

RT AGE FACTOR
AGING (BIOLOGY)
GERIATRICS
LIFE SPAN

GERT

UF GRAPHIC EVALUATION AND REVIEW
TECHNIQUES
RT CRITICAL PATH METHOD
MANAGEMENT
MANAGEMENT ANALYSIS
MANAGEMENT METHODS
MANAGEMENT PLANNING
∞ METHODOLOGY
PERT
PROJECT MANAGEMENT

GESTALT THEORY

RT PSYCHOTHERAPY
∞ THEORIES

GETOL AIRCRAFT

GS GROUND EFFECT MACHINES
. GETOL AIRCRAFT
RT ∞ AIRCRAFT
∞ SUBSONIC AIRCRAFT
VERTICAL TAKEOFF AIRCRAFT

GETTERS

RT ION PUMPS
PROPARGYL GROUPS
PURIFICATION
RESIDUAL GAS
VACUUM
VAPOR TRAPS

GEYSERS

GS HEAT SOURCES
. THERMAL RESOURCES
. GEOTHERMAL RESOURCES
. . . GEYSERS
RESOURCES
. EARTH RESOURCES
. THERMAL RESOURCES
. . . GEOTHERMAL RESOURCES
. . . GEYSERS
RT ANOMALOUS TEMPERATURE ZONES
GEOTHERMAL TECHNOLOGY
HYDROGEOLOGY
HYDROTHERMAL SYSTEMS

GHANA

RT AFRICA
NATIONS

GHOSTS

RT DISTORTION
RADAR ECHOES
RADIO ECHOES

GIACOBINI-ZINNER COMET

GS CELESTIAL BODIES
. STARS
. . . COMETS
. . . GIACOBINI-ZINNER COMET
RT DRACONID METEORIODS

GIANT STARS

GS CELESTIAL BODIES
. STARS
. . . S STARS
. . . GIANT STARS
. . . . RED GIANT STARS
. . . . CARBON STARS
RT LATE STARS
M STARS
MAIN SEQUENCE STARS
SUBGIANT STARS
SUPERGIANT STARS

GIBBERELLINS

GS FUNGI

GIBBERELLINS-(CONT.)

. GIBBERELLINS
REGULATORS
. GIBBERELLINS
RT HEMOSTATICS

GIBBS ADSORPTION EQUATION

RT ADSORPTION
∞ EQUATIONS
∞ GIBBS EQUATIONS
INTERFACIAL TENSION

∞ GIBBS EQUATIONS

SN *(USE OF A MORE SPECIFIC TERM IS
RECOMMENDED-CONSULT THE TERMS
LISTED BELOW)*
RT GIBBS ADSORPTION EQUATION
GIBBS FREE ENERGY
GIBBS-HELMHOLTZ EQUATIONS
PHASE RULE

GIBBS FREE ENERGY

GS THERMODYNAMIC PROPERTIES
. FREE ENERGY
. . . GIBBS FREE ENERGY
RT ENTHALPY
∞ GIBBS EQUATIONS
GIBBS-HELMHOLTZ EQUATIONS
MAYER PROBLEM

GIBBS PHENOMENON

RT DISCONTINUITY
FOURIER SERIES
SERIES (MATHEMATICS)

GIBBS-HELMHOLTZ EQUATIONS

RT ELECTRIC POTENTIAL
ENTHALPY
∞ EQUATIONS
FREE ENERGY
∞ GIBBS EQUATIONS
GIBBS FREE ENERGY
INTERNAL ENERGY
PRESSURE
TEMPERATURE

GIMBALLESS INERTIAL NAVIGATION

GS NAVIGATION
. INERTIAL NAVIGATION
. . . GIMBALLESS INERTIAL NAVIGATION
RT GYROSCOPES
INERTIAL PLATFORMS
NAVIGATION INSTRUMENTS

GIMBALS

RT BEARINGS
CONTROL MOMENT GYROSCOPES
FLUID ROTOR GYROSCOPES
GYRODAMPERS
GYROSCOPES
PIVOTS
STABILIZED PLATFORMS
SUPPORTS
SWIVELS

GIOTTO MISSION

USE EUROPEAN SPACE PROGRAMS
HALLEY'S COMET

GIRDER WEBS

GS STRUCTURAL MEMBERS
. PLATES (STRUCTURAL MEMBERS)
. . . GIRDER WEBS
WEBS (SUPPORTS)
. GIRDER WEBS
RT ELASTIC SHEETS
GIRDERS
METAL PLATES

GIRDERS

GS STRUCTURAL MEMBERS
. GIRDERS
RT BEAMS (SUPPORTS)
BOX BEAMS
GIRDER WEBS
PLATES (STRUCTURAL MEMBERS)
TRUSSES

GIRDLES

RT ∞ BELTS
PELVIS

NASA THESAURUS (VOLUME 1)

GLACIAL DRIFT

UF DRUMLINS
END MORAINES
ESKERS
GLACIOFLUVIAL DEPOSITS
MORAINES
STOSS-AND-LEE TOPOGRAPHY
RT DEBRIS
GLACIERS
KETTLES (GEOLOGY)
LAND ICE
LANDFORMS
SEA ICE
SEDIMENTS

GLACIERS

UF ACTIVE GLACIERS
ADVANCING GLACIERS
GS CREVASSES
. GLACIERS
ICE
. GLACIERS
RESOURCES
. EARTH RESOURCES
. . . GLACIERS
RT CIRQUES (LANDFORMS)
GLACIAL DRIFT
GLACIOLOGY
LAND ICE
SEA ICE

GLACIOFLUVIAL DEPOSITS

USE GLACIAL DRIFT

GLACIOLOGY

GS GEOLOGY
. GLACIOLOGY
RT GEOMORPHOLOGY
GLACIERS
HYDROGEOLOGY
ISOSTASY

∞ GLANDS

SN *(USE OF A MORE SPECIFIC TERM IS
RECOMMENDED-CONSULT THE TERMS
LISTED BELOW)*
RT GLANDS (ANATOMY)
GLANDS (SEALS)
PUMP SEALS

GLANDS (ANATOMY)

GS ANATOMY
. GLANDS (ANATOMY)
. . . ENDOCRINE GLANDS
. . . ADRENAL GLAND
. . . GONADS
. . . OVARIES
. . . PANCREAS
. . . PARATHYROID GLAND
. . . PINEAL GLAND
. . . PITUITARY GLAND
. . . PROSTATE GLAND
. . . THYMUS GLAND
. . . THYROID GLAND
. . . MAMMARY GLANDS
. . . SALIVARY GLANDS
. . . SEBACEOUS GLANDS
. . . SEX GLANDS
. . . GONADS
. . . OVARIES
. . . PROSTATE GLAND
. . . TESTES
RT ENDOCRINE SYSTEMS
GASTROINTESTINAL SYSTEM

∞ GLANDS

LIVER
ORGANS
SECRETIONS

GLANDS (SEALS)

GS SEALS (STOPPERS)
. GLANDS (SEALS)
RT ∞ GLANDS
LABYRINTH SEALS
O RING SEALS
PACKINGS (SEALS)
PUMP SEALS
SEALING

GLARE

RT BRIGHTNESS
COMFORT
DAYGLOW
ELECTROMAGNETIC RADIATION
HUMAN FACTORS ENGINEERING

GLARE-(CONT.)

ILLUMINATING
LIGHT (VISIBLE RADIATION)
LUMINANCE
LUSTER
OPTICAL PROPERTIES
RADIANCE
SKY BRIGHTNESS
SPECULAR REFLECTION
SPREAD REFLECTION
VISIBILITY
VISION

GLASS

GS

GLASS

. BOROSILICATE GLASS
. E GLASS
. . S GLASS
. GLASS FIBERS
. METALLIC GLASSES
. OBSIDIAN GLASS
. PYROCERAM (TRADEMARK)
. SILICA GLASS
. SPIN GLASS
. VYCOR

RT

AMORPHOUS MATERIALS
CERAMICS
ELECTROSTATIC BONDING
GLASSWARE
GLASSY CARBON
GRIFFITH CRACK
∞ MATERIALS
MOLDAVITE
OBSIDIAN
OPTICAL PROPERTIES
PHOTOGRAPHIC PLATES
PORCELAIN
SILICON DIOXIDE
VITREOUS MATERIALS
VITRIFICATION

GLASS COATINGS

SN

(COATINGS CONSISTING OF GLASS)

GS

COATINGS

RT

. GLASS COATINGS
GLAZES
METALLIC GLASSES
PROTECTIVE COATINGS
SILICA GLASS

GLASS ELECTRODES

GS

ELECTRODES

RT

. GLASS ELECTRODES
ELECTROCHEMISTRY
ION EXCHANGING
SILICA GLASS

GLASS FIBER REINFORCED PLASTICS

GS

COMPOSITE MATERIALS
. FIBER COMPOSITES
. . GLASS FIBER REINFORCED
PLASTICS
. REINFORCED PLASTICS
. . GLASS FIBER REINFORCED
PLASTICS

RT

AIRFRAME MATERIALS
COMPOSITE STRUCTURES
E GLASS
FIBER ORIENTATION
FIBER REINFORCED COMPOSITES
FIBERS
LAMINATES
PLASTIC AIRCRAFT STRUCTURES
PULTRUSION
REINFORCING FIBERS
THERMOPLASTIC RESINS
THERMOSETTING RESINS

GLASS FIBERS

UF

FIBERGLASS

GS

FIBERS
. SYNTHETIC FIBERS
. . GLASS FIBERS
GLASS

RT

. GLASS FIBERS
BORON FIBERS
E GLASS
GRADIENT INDEX OPTICS
METALLIC GLASSES
REINFORCING FIBERS
SILICA GLASS
VYCOR

GLASS LASERS

GS

STIMULATED EMISSION DEVICES

GLASS LASERS-(CONT.)

. LASERS
. GLASS LASERS
RT HIGH POWER LASERS
LASER FUSION
LASER OUTPUTS
LASER PLASMA INTERACTIONS
LASER TARGETS
NEODYMIUM LASERS
OPTICAL PUMPING
PULSED LASERS
ULTRASHORT PULSED LASERS

GLASSWARE

RT

BOROSILICATE GLASS
BOTTLES
BURETTES
∞ CONTAINERS
FLASKS
GLASS
LABORATORY EQUIPMENT
PIPETTES
SILICA GLASS

GLASSY CARBON

GS

COMPOSITE MATERIALS

RT

. GLASSY CARBON
GLASS
∞ MATERIALS

GLAUBER THEORY

RT

APPROXIMATION
ELASTIC SCATTERING
POMERANCHUK THEOREM
∞ THEORIES

GLAUCOMA

GS

DISEASES
. EYE DISEASES
. . GLAUCOMA
RT INTRAOCULAR PRESSURE

GLAUERT COEFFICIENT

USE

AERODYNAMIC FORCES
MACH NUMBER

GLAZES

GS

COATINGS
. GLAZES
FINISHES
. GLAZES
RT CERAMICS
FRIT
GLASS COATINGS
PORCELAIN
PROTECTIVE COATINGS

GLIDE ANGLES

USE

GLIDE PATHS

GLIDE LANDINGS

GS

LANDING
. GLIDE LANDINGS
. . HORIZONTAL SPACECRAFT LANDING
RT AIRCRAFT LANDING
CRASH LANDING
DITCHING (LANDING)
PLANETARY LANDING
SOFT LANDING
SPACECRAFT LANDING
WATER LANDING

GLIDE PATHS

UF

GLIDE ANGLES
GLIDE SLOPES
GS FLIGHT PATHS
. GLIDE PATHS
SLOPES
. GLIDE PATHS
RT AIRCRAFT APPROACH SPACING
APPROACH CONTROL
APPROACH INDICATORS
GLIDING
INSTRUMENT APPROACH
INSTRUMENT LANDING SYSTEMS
TERMINAL GUIDANCE

GLIDE SLOPES

USE

GLIDE PATHS

GLIDERS

UF

SAILPLANES

GS

GLIDERS
. ASSET GLIDERS

GLIDERS-(CONT.)

. BOOSTGLIDE VEHICLES
. . X-20 AIRCRAFT
. HANG GLIDERS
. HL-10 REENTRY VEHICLE
. HYPERSONIC GLIDERS
. . X-20 AIRCRAFT
. JANUS SPACECRAFT
. KA-6 SAILPLANES
. PARAGLIDERS
. . INFLATABLE GLIDERS
. . PARAWINGS
RT AEROSPACEPLANES
∞ AIRCRAFT
FLEXIBLE WINGS
FREE FLIGHT
GLIDING
LIFTING REENTRY VEHICLES
∞ MILITARY AIRCRAFT
MONOPLANES
OBSERVATION AIRCRAFT
SAILS
SAILWINGS
SOARING
∞ SUBSONIC AIRCRAFT
TOWED BODIES
∞ WINGED VEHICLES

GLIDING

RT

BOOSTGLIDE VEHICLES
DESCENT
∞ FLIGHT
FLIGHT PATHS
FREE FLIGHT
GLIDE PATHS
GLIDERS
KA-6 SAILPLANES
LIFT
∞ MOTION
SOARING

GLIMM METHOD

GS

PROCEDURES
. GLIMM METHOD
RT ∞ EQUATIONS
FLUID DYNAMICS
∞ METHODOLOGY

GLINT

RT

ANGELS
RADAR ECHOES
SCINTILLATION

GLOBAL AIR POLLUTION

GS

POLLUTION
. ENVIRONMENT POLLUTION
. . AIR POLLUTION
. . . GLOBAL AIR POLLUTION
RT EARTH ATMOSPHERE
ENVIRONMENTS
POLLUTION MONITORING
POLLUTION TRANSPORT

GLOBAL AIR SAMPLING PROGRAM

UF

GASP

RT

AIR POLLUTION
AIR SAMPLING
ENVIRONMENTAL QUALITY

GLOBAL ATMOSPHERIC RESEARCH PROGRAM

UF

GARP

GS

PROGRAMS
. NASA PROGRAMS
. . GLOBAL ATMOSPHERIC RESEARCH
PROGRAM
. . . GARP ATLANTIC TROPICAL
EXPERIMENT

RT

AEROLOGY
INTEGRATED GLOBAL OCEAN STATION
SYSTEMS
METEOROLOGY
WEATHER
WEATHER RECONNAISSANCE AIRCRAFT

GLOBAL COMMUNICATIONS ANTENNA GRID

(NAVY)

USE

SEAFARER PROJECT

GLOBAL POSITIONING SYSTEM

RT

AUTONOMOUS SPACECRAFT CLOCKS
FLIGHT PATHS
NAVIGATION
POSITION INDICATORS
SATELLITE NAVIGATION SYSTEMS
SPACE NAVIGATION

GLOBAL TRACKING NETWORK

GLOBAL TRACKING NETWORK
 UF GLOTRAC (TRACKING NETWORK)
 GS STATIONS
 . TRACKING STATIONS
 . . **GLOBAL TRACKING NETWORK**
 TRACKING NETWORKS
 . **GLOBAL TRACKING NETWORK**
 RT DATA ACQUISITION
 GROUND STATIONS
 MINITRACK SYSTEM
 NASCOM NETWORK
 OPTICAL TRACKING
 RADIO RELAY SYSTEMS
 RANGE AND RANGE RATE TRACKING
 SATELLITE TRACKING
 SPACE FLIGHT TRACKING AND DATA NETWORK
 STON (NETWORK)

∞ GLOBES
 SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED—CONSULT THE TERMS LISTED BELOW)*
 RT EARTH (PLANET)
 LUMINAIRES
 MAPS
 SPHERES

GLOBULAR CLUSTERS
 GS CELESTIAL BODIES
 . **GLOBULAR CLUSTERS**
 . . HORIZONTAL BRANCH STARS
 RT STAR DISTRIBUTION

GLOBULES
 RT FALLING SPHERES
 INTERFACIAL TENSION
 LIQUIDS
 MICROBALLOONS
 SPHERES

GLOBULINS
 GS PROTEINS
 . **GLOBULINS**
 . . GAMMA GLOBULIN

GLOMERULUS
 GS ANATOMY
 . CARDIOVASCULAR SYSTEM
 . . BLOOD VESSELS
 . . . **GLOMERULUS**
 . CIRCULATORY SYSTEM
 . . VASCULAR SYSTEM
 . . . BLOOD VESSELS
 **GLOMERULUS**

GLOSSARIES
 USE DICTIONARIES

GLOSTER AW-650 AIRCRAFT
 USE AW 650 AIRCRAFT

GLOSTER GA-5 AIRCRAFT
 USE GA-5 AIRCRAFT

GLOTRAC (TRACKING NETWORK)
 USE GLOBAL TRACKING NETWORK

GLOTTIS
 GS LARYNX
 . **GLOTTIS**
 RT VOCAL CORDS

GLOVES
 GS CLOTHING
 . **GLOVES**
 RT PROTECTIVE CLOTHING

GLOW
 USE LUMINESCENCE

GLOW DISCHARGES
 GS ELECTRIC CURRENT
 . ELECTRIC DISCHARGES
 . . **GLOW DISCHARGES**
 RT CATHODE GLOW
 ELECTRIC ARCS
 ELECTRIC CORONA
 ELECTRODELESS DISCHARGES
 FARADAY DARK SPACE
 GAS DISCHARGES
 LIGHT SOURCES
 PLASMA DISPLAY DEVICES
 PLASMA RADIATION

GLUCOSE
 GS ALIPHATIC COMPOUNDS
 . SUGARS
 . . **GLUCOSE**
 CARBOHYDRATES
 . SUGARS
 . . **GLUCOSE**

GLUCOSIDES
 UF GLYCOSIDES
 GS ALIPHATIC COMPOUNDS
 . **GLUCOSIDES**
 CARBOHYDRATES
 . **GLUCOSIDES**
 RT NUCLEOSIDES

GLUES
 GS ADHESIVES
 . **GLUES**
 RT PASTES
 SIZING MATERIALS
 TETRAETHYL ORTHOSILICATE

GLUONS
 GS PARTICLES
 . ELEMENTARY PARTICLES
 . . **GLUONS**
 RT LEPTONS
 MESONS
 QUANTUM CHROMODYNAMICS
 QUARKS

GLUTAMATES
 GS ALIPHATIC COMPOUNDS
 . **GLUTAMATES**
 ESTERS
 . **GLUTAMATES**
 RT GLUTAMIC ACID

GLUTAMIC ACID
 GS ACIDS
 . AMINO ACIDS
 . . **GLUTAMIC ACID**
 ALIPHATIC COMPOUNDS
 . **GLUTAMIC ACID**
 ORGANIC COMPOUNDS
 . AMINO ACIDS
 . . **GLUTAMIC ACID**
 RT GLUTAMATES

GLUTAMINE
 GS ACIDS
 . AMINO ACIDS
 . . **GLUTAMINE**
 ALIPHATIC COMPOUNDS
 . **GLUTAMINE**
 ORGANIC COMPOUNDS
 . AMINO ACIDS
 . . **GLUTAMINE**

GLUTATHIONE
 GS ACIDS
 . AMINO ACIDS
 . . **GLUTATHIONE**
 ALIPHATIC COMPOUNDS
 . **GLUTATHIONE**
 ORGANIC COMPOUNDS
 . AMINO ACIDS
 . . **GLUTATHIONE**
 PROTEINS
 . COENZYMES
 . . **GLUTATHIONE**

GLYCERIDES
 GS ALIPHATIC COMPOUNDS
 . **GLYCERIDES**
 ESTERS
 . **GLYCERIDES**
 RT GLYCEROLS
 NITROGLYCERIN

GLYCERINS
 USE GLYCEROLS

GLYCEROLS
 UF GLYCERINS
 GS ALIPHATIC COMPOUNDS
 . **GLYCEROLS**
 ALCOHOLS
 RT CARBOHYDRATES
 GLYCERIDES
 LIPIIDS
 LIQUIDS
 NITROGLYCERIN

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GLYCEROLS-(CONT.)

TRIACETIN

GLYCINE
 GS ACIDS
 . AMINO ACIDS
 . . **GLYCINE**
 ORGANIC COMPOUNDS
 . AMINO ACIDS
 . . **GLYCINE**

GLYCOGENS
 GS ALIPHATIC COMPOUNDS
 . POLYSACCHARIDES
 . . **GLYCOGENS**
 CARBOHYDRATES
 . POLYSACCHARIDES
 . . **GLYCOGENS**

GLYCOLS
 GS ALIPHATIC COMPOUNDS
 . **GLYCOLS**
 HYDROXYL COMPOUNDS
 . ALCOHOLS
 . . **GLYCOLS**
 RT HYDROXYL RADICALS

GLYCOLYSIS
 GS CHEMICAL REACTIONS
 . **GLYCOLYSIS**
 DECOMPOSITION
 . **GLYCOLYSIS**

GLYCOSIDES
 USE GLUCOSIDES

GNEISS
 GS ROCKS
 . **GNEISS**
 RT SOILS

GNOMONIC PROJECTION
 RT PHOTOMAPPING
 ∞ PROJECTION
 PROJECTIVE GEOMETRY

GNOTOBIOTICS
 RT BACTERIA
 BACTERIOLOGY
 CLOSED ECOLOGICAL SYSTEMS
 CONTROLLED ATMOSPHERES
 ISOLATION
 MICROBIOLOGY
 MICROORGANISMS
 STERILIZATION

GNP
 USE GROSS NATIONAL PRODUCT

GOAL THEORY
 RT GOALS
 ∞ THEORIES

GOALS
 RT ACHIEVEMENT
 ENGINEERING MANAGEMENT
 GOAL THEORY
 PROJECT PLANNING
 PURPOSES
 RESEARCH MANAGEMENT

GOATS
 GS ANIMALS
 . VERTEBRATES
 . . MAMMALS
 . . . **GOATS**
 RT GRAZING
 LIVESTOCK

GOBI DESERT
 GS LAND
 . DESERTS
 . . **GOBI DESERT**
 RT ARID LANDS

GODDARD EXPERIMENT PACKAGE TELESCOPE
 USE PARTICLE TELESCOPES

GODDARD TRAJECTORY DETERMINATION SYSTEM
 UF GTDS
 RT COMPUTER PROGRAMS
 INTERPLANETARY TRAJECTORIES
 MOON-EARTH TRAJECTORIES

GODDARD TRAJECTORY-(CONT.)

ORBIT CALCULATION
ORBITAL MECHANICS
ORBITAL POSITION ESTIMATION
SPACECRAFT TRAJECTORIES
TRAJECTORY ANALYSIS
TRAJECTORY OPTIMIZATION

GOES B (NOAA)

UF GEOSTATIONARY OPERATL ENVIRON
SATELLITE B
GS SATELLITES
. ARTIFICIAL SATELLITES
. **GOES B (NOAA)**
. EARTH SATELLITES
. **GOES B (NOAA)**
RT SMS 1
SMS 2

GOES SATELLITES

UF GEOSTATIONARY OPERATIONAL
ENVIRON SATS
GS SATELLITES
. ARTIFICIAL SATELLITES
. SYNCHRONOUS SATELLITES
. **GOES SATELLITES**
. GOES 1
. GOES 2
. GOES 3
. GOES 4
. GOES 5
. EARTH SATELLITES
. SYNCHRONOUS SATELLITES
. **GOES SATELLITES**
. GOES 1
. GOES 2
. GOES 3
. GOES 4
. GOES 5

GOES 1

GS SATELLITES
. ARTIFICIAL SATELLITES
. SYNCHRONOUS SATELLITES
. GOES SATELLITES
. **GOES 1**
. EARTH SATELLITES
. SYNCHRONOUS SATELLITES
. GOES SATELLITES
. **GOES 1**
RT METEOROLOGICAL SATELLITES

GOES 2

GS SATELLITES
. ARTIFICIAL SATELLITES
. SYNCHRONOUS SATELLITES
. GOES SATELLITES
. **GOES 2**
. EARTH SATELLITES
. SYNCHRONOUS SATELLITES
. GOES SATELLITES
. **GOES 2**
RT METEOROLOGICAL SATELLITES

GOES 3

GS SATELLITES
. ARTIFICIAL SATELLITES
. SYNCHRONOUS SATELLITES
. GOES SATELLITES
. **GOES 3**
. EARTH SATELLITES
. SYNCHRONOUS SATELLITES
. GOES SATELLITES
. **GOES 3**
RT METEOROLOGICAL SATELLITES

GOES 4

GS SATELLITES
. ARTIFICIAL SATELLITES
. SYNCHRONOUS SATELLITES
. GOES SATELLITES
. **GOES 4**
. EARTH SATELLITES
. SYNCHRONOUS SATELLITES
. GOES SATELLITES
. **GOES 4**
RT METEOROLOGICAL SATELLITES

GOES 5

GS SATELLITES
. ARTIFICIAL SATELLITES
. SYNCHRONOUS SATELLITES
. GOES SATELLITES
. **GOES 5**
. EARTH SATELLITES

GOES 5-(CONT.)

. SYNCHRONOUS SATELLITES
. GOES SATELLITES
. **GOES 5**
RT METEOROLOGICAL SATELLITES

GOGGLES

GS CLOTHING
. **GOGGLES**
RT EYE PROTECTION
FLIGHT CLOTHING
HELMETS
PROTECTIVE CLOTHING
SUNGLASSES

GOLAY DETECTOR CELLS

GS MEASURING INSTRUMENTS
. RADIATION MEASURING INSTRUMENTS
. RADIATION DETECTORS
. **GOLAY DETECTOR CELLS**
RT ENERGY ABSORPTION FILMS
PNEUMATIC EQUIPMENT
RADIATION ABSORPTION

GOLD

GS CHEMICAL ELEMENTS
. **GOLD**
. GOLD ISOTOPES
. GOLD 198
METALS
. NOBLE METALS
. **GOLD**
. GOLD ISOTOPES
. GOLD 198
. TRANSITION METALS
. **GOLD**
. GOLD ISOTOPES
. GOLD 198

GOLD ALLOYS

GS ALLOYS
. **GOLD ALLOYS**

GOLD COATINGS

UF GOLD PLATE
GS COATINGS
. METAL COATINGS
. **GOLD COATINGS**
METALS
. METAL COATINGS
. **GOLD COATINGS**
RT NICKEL PLATE
PROTECTIVE COATINGS

GOLD ISOTOPES

GS CHEMICAL ELEMENTS
. GOLD
. **GOLD ISOTOPES**
. GOLD 198
. NUCLIDES
. ISOTOPES
. RADIOACTIVE ISOTOPES
. **GOLD ISOTOPES**
. GOLD 198
METALS
. NOBLE METALS
. GOLD
. **GOLD ISOTOPES**
. GOLD 198
. TRANSITION METALS
. GOLD
. **GOLD ISOTOPES**
. GOLD 198

GOLD PLATE

USE GOLD COATINGS

GOLD 198

GS CHEMICAL ELEMENTS
. GOLD
. GOLD ISOTOPES
. **GOLD 198**
. NUCLIDES
. ISOTOPES
. RADIOACTIVE ISOTOPES
. GOLD ISOTOPES
. **GOLD 198**
METALS
. NOBLE METALS
. GOLD
. GOLD ISOTOPES
. **GOLD 198**
. TRANSITION METALS
. GOLD
. GOLD ISOTOPES

GOLD 198-(CONT.)

. . . . **GOLD 198**

GOMPERTZ CURVES

GS CHARTS
. GRAPHS (CHARTS)
. **GOMPERTZ CURVES**
GEOMETRY
. CURVES (GEOMETRY)
. S CURVES
. **GOMPERTZ CURVES**
. EUCLIDEAN GEOMETRY
. ANALYTIC GEOMETRY
. S CURVES
. **GOMPERTZ CURVES**

GONADS

GS ANATOMY
. GLANDS (ANATOMY)
. ENDOCRINE GLANDS
. **GONADS**
. SEX GLANDS
. **GONADS**
VISCERA
. ENDOCRINE GLANDS
. **GONADS**
. SEX GLANDS
. **GONADS**
RT PHYSIOLOGICAL EFFECTS

GONDOLAS

RT AIRCRAFT COMPARTMENTS
AIRSHIPS
BALLOONS
BASKETS

GONIOMETERS

GS MEASURING INSTRUMENTS
. **GONIOMETERS**
. PHOTOgoniometers
. RADIOgoniometers
RT ANGLES (GEOMETRY)
DIFFRACTOMETERS
INTERFEROMETERS
MACH-ZEHNDER INTERFEROMETERS
MONOCHROMATORS
OPTICAL MEASURING INSTRUMENTS
REFRACTOMETERS
SPECTROMETERS

GOODNESS OF FIT

GS STATISTICAL ANALYSIS
. **GOODNESS OF FIT**
RT FITTING
MATHEMATICAL MODELS
MAXIMUM LIKELIHOOD ESTIMATES
PROBABILITY DISTRIBUTION FUNCTIONS
PROBABILITY THEORY
STATISTICAL DISTRIBUTIONS
STATISTICAL TESTS
VARIANCE (STATISTICS)

GORES

RT FABRICS
PARACHUTE FABRICS

GORGES

USE CANYONS

GOSS (SUPPORT SYSTEM)

USE GROUND OPERATIONAL SUPPORT
SYSTEM

GOVERNMENT PROCUREMENT

GS PROCUREMENT
. **GOVERNMENT PROCUREMENT**
RT COMMODITIES
CONTRACTS
FEDERAL BUDGETS
SERVICES

GOVERNMENT/INDUSTRY RELATIONS

RT CONTRACT NEGOTIATION
CONTRACTORS
CONTRACTS
PROCUREMENT

GOVERNMENTS

RT CONSTITUTION
CULTURE (SOCIAL SCIENCES)
POLICIES
POLITICS
REGIMES
VOTING

GOVERNORS

GOVERNORS

USE SPEED REGULATORS

GRABENS

USE GEOLOGICAL FAULTS

GRADE

SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED—CONSULT THE TERMS LISTED BELOW)*

RT ANGLES (GEOMETRY)
GRADIENTS
LEVEL (HORIZONTAL)
POSITION (TITLE)
QUALITY
SLOPES

GRADIENT INDEX OPTICS

RT FIBER OPTICS
GEOMETRICAL OPTICS
GLASS FIBERS
LENS DESIGN
LENSES
NONLINEAR OPTICS
OPTICAL PROPERTIES
OPTICS
PHYSICAL OPTICS
RAY TRACING
REFRACTIVITY

GRADIENTS

GS GRADIENTS
ELECTRON DENSITY PROFILES
POTENTIAL GRADIENTS
PRESSURE GRADIENTS
TEMPERATURE GRADIENTS
THERMOCLINES
RT ANGLES (GEOMETRY)
COMPOSITION (PROPERTY)
CROSS SECTIONS
DIFFERENCES
DISTRIBUTION (PROPERTY)
DROP
GRADE
GRAVITY GRADIOMETERS
ISOBARS (PRESSURE)
ISOTHERMS
LEVEL (HORIZONTAL)
OPTIMIZATION
PROFILES
SLOPES
VARIATIONS
VECTOR ANALYSIS

GRADIOMETERS

USE MAGNETOMETERS

GRADUATION

USE CALIBRATING

GRAEFF CALCULUS

GS ANALYSIS (MATHEMATICS)
CALCULUS
GRAEFF CALCULUS
NUMERICAL ANALYSIS
GRAEFF CALCULUS

GRAFTING

RT IMPLANTATION
INSERTION

GRAIN BOUNDARIES

GS BOUNDARIES
GRAIN BOUNDARIES
RT CRYSTAL DISLOCATIONS
INTERGRANULAR CORROSION
INTERSTICES
INTERSTITIALS
TWINNING

GRAINS

SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED—CONSULT THE TERMS LISTED BELOW)*

RT CRYSTALS
GRAINS (FOOD)
GRANULAR MATERIALS
OATS
PROPELLANT GRAINS

GRAINS (FOOD)

GS FARM CROPS
GRAINS (FOOD)
BARLEY

GRAINS (FOOD)-(CONT.)

.. CORN
.. OATS
.. RICE
.. SORGHUM
.. WHEAT
RT ANGIOSPERMS
EARTH RESOURCES
GRAINS
GRASSES
MILLET
SEEDS

GRAMMARS

RT LANGUAGES
PARSING ALGORITHMS
SEMANTICS
SYNTAX
VOWELS
WORDS (LANGUAGE)

GRAND CANYON (AZ)

GS LANDFORMS
CANYONS
GRAND CANYON (AZ)
RT ARIZONA

GRAND TOURS

UF OUTER PLANET MISSIONS
FLYBY MISSIONS
GRAND TOURS
.. MARINER JUPITER-SATURN FLYBY
.. MARINER JUPITER-URANUS FLYBY
.. VOYAGER 1977 MISSION
RT MISSIONS
OUTER PLANETS EXPLORERS
SPACE FLIGHT
SPACE MISSIONS
VOYAGER 1 SPACECRAFT
VOYAGER 2 SPACECRAFT

GRANITE

GS ROCKS
IGNEOUS ROCKS
GRANITE
RT BATHOLITHS
EARTH RESOURCES
SOILS

GRANTS

RT APPROPRIATIONS
BUDGETING
CONTRACTS
NASA PROGRAMS
PATENTS
SUBCONTRACTS

GRANULAR MATERIALS

RT BRITTLE MATERIALS
GRAINS
LOW DENSITY MATERIALS
MATERIALS
PARTICLES
PELLETS
POWDER (PARTICLES)

GRAPH THEORY

RT COMBINATORIAL ANALYSIS
GRAPHS (CHARTS)
MATHEMATICAL MODELS
SET THEORY
THEORIES
TOPOLOGY
TREES (MATHEMATICS)

GRAPHIC ARTS

GS ARTS
GRAPHIC ARTS
RT CHARTS
DIAGRAMS
DRAFTING (DRAWING)
DRAWINGS
ENGINEERING-DRAWINGS
IMAGERY
INKS
MOTION PICTURES
PHOTOGRAPHY
PROJECTION

GRAPHIC EVALUATION AND REVIEW TECHNIQUES

USE GERT

NASA THESAURUS (VOLUME 1)

GRAPHITE

GS MINERALS
GRAPHITE
RT ALUMINUM GRAPHITE COMPOSITES
CARBON
ELECTRODES
FIBER COMPOSITES
FIBER RELEASE
GRAPHITE-EPOXY COMPOSITES
INTERCALATION
LUBRICANTS
MODERATORS
SINGLE CRYSTALS
SOLID LUBRICANTS
SYNTHETIC METALS

GRAPHITE-EPOXY COMPOSITES

GS COMPOSITE MATERIALS
SUPERHYBRID MATERIALS
GRAPHITE-EPOXY COMPOSITES
RT CARBON FIBER REINFORCED PLASTICS
CONSTRUCTION MATERIALS
EPOXY RESINS
FIBER COMPOSITES
GRAPHITE
GRAPHITE-POLYIMIDE COMPOSITES
MATERIALS
REINFORCED PLASTICS
REINFORCING FIBERS

GRAPHITE-POLYIMIDE COMPOSITES

GS COMPOSITE MATERIALS
GRAPHITE-POLYIMIDE COMPOSITES
RT GRAPHITE-EPOXY COMPOSITES

GRAPHITIZATION

RT ANNEALING
HEAT TREATMENT

GRAPHOEPIITAXY

RT AMORPHOUS MATERIALS
CRYSTAL LATTICES
CRYSTAL STRUCTURE

GRAPHOLOGY

GS HANDWRITING
GRAPHOLOGY
RECOGNITION
PATTERN RECOGNITION
GRAPHOLOGY
RT CHARACTER RECOGNITION

GRAPHS (CHARTS)

UF POLARIZATION CHARTS
GS CHARTS
GRAPHS (CHARTS)
.. BOND GRAPHS
.. GOMPERTZ CURVES
.. MOLIER DIAGRAM
.. PATTERSON MAP
RT CONFORMAL MAPPING
CURVES
FAULT TREES
GRAPH THEORY
HISTOGRAMS
NETWORKS
NOMOGRAPHS
ORIGINS
PETRI NETS
RECORDING INSTRUMENTS
REPRESENTATIONS
STATISTICAL ANALYSIS
TREES (MATHEMATICS)

GRASHOF NUMBER

GS RATIOS
DIMENSIONLESS NUMBERS
GRASHOF NUMBER
RT CONVECTION
REYNOLDS NUMBER

GRASSES

GS PLANTS (BOTANY)
GRASSES
.. HAY
.. REEDS (PLANTS)
.. SEA GRASSES
.. SORGHUM
RT ALFALFA
CANOPIES (VEGETATION)
DEFOLIATION
FARM CROPS
FARMLANDS
GRAINS (FOOD)
GRASSLANDS

NASA THESAURUS (VOLUME 1)

GRASSES-(CONT.)

MILLET
OATS
SOD

GRASSHOPPER HELICOPTER

GS GENERAL AVIATION AIRCRAFT
. GRASSHOPPER HELICOPTER
LIGHT AIRCRAFT
. GRASSHOPPER HELICOPTER
ROTORCRAFT AIRCRAFT
. GRASSHOPPER HELICOPTER
V/STOL AIRCRAFT
. ROTARY WING AIRCRAFT
. HELICOPTERS
... GRASSHOPPER HELICOPTER
RT ∞ AIRCRAFT

GRASSHOPPERS

GS ANIMALS
. INVERTEBRATES
. ARTHROPODS
... INSECTS
... GRASSHOPPERS

GRASSLANDS

UF GRAZING LANDS
MEADOWLANDS
PRAIRIES
SAVANNAHS
GS LAND
. GRASSLANDS
. LLANOS ORIENTALES (COLOMBIA)
RT AGRICULTURE
CROP GROWTH
EARTH RESOURCES
FARM CROPS
FARMLANDS
GRASSES
HAY
LAND USE
PLAINS
PLOWING
RANGELANDS
RURAL AREAS
RURAL LAND USE
SOD
STEPPE

GRASSMANN ALGEBRA

USE VECTOR SPACES

∞ GRATINGS

SN *(USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)*
RT GRATINGS (SPECTRA)
INTERFERENCE GRATING
OPTICAL FILTERS

GRATINGS (SPECTRA)

UF DIFFRACTION GRATINGS
GS GRATINGS (SPECTRA)
. ECHELETTE GRATINGS
RT FRESNEL DIFFRACTION
∞ GRATINGS
OPTICAL FILTERS
RONCHI TEST
ROWLAND CIRCLES

GRAVEL DEPOSITS

USE GRAVELS

GRAVELS

UF GRAVEL DEPOSITS
GS SEDIMENTS
. GRAVELS
SOILS
. GRAVELS
RT AGGREGATES
ALLUVIUM
AQUIFERS
BOREHOLES
FANS (LANDFORMS)
GRIT
SANDS

GRAVIMETERS

GS MEASURING INSTRUMENTS
. GRAVIMETERS
RT ACCELEROMETERS
DENSITOMETERS
GEODESY
GEOPHYSICS

GRAVIMETERS-(CONT.)

GRAVIMETRY
GRAVITATION
MICRODENSITOMETERS

GRAVIMETRY

RT ∞ ACCELERATION
ACCELEROMETERS
GEOLOGY
GEOPHYSICS
GRAVIMETERS
GRAVITATIONAL FIELDS
∞ MEASUREMENT
QUANTITATIVE ANALYSIS

GRAVIRECEPTORS

GS ANATOMY
. SENSE ORGANS
... GRAVIRECEPTORS
... OTOLITH ORGANS
RECEPTORS (PHYSIOLOGY)
. GRAVIRECEPTORS
RT OCULOGRAVIC ILLUSIONS
SENSITOMETRY
VERTICAL PERCEPTION

GRAVITATION

UF GRAVITY
GS GRAVITATION
. ARTIFICIAL GRAVITY
. GRAVITY ANOMALIES
. LUNAR GRAVITATION
. LUNAR GRAVITATIONAL EFFECTS
. PLANETARY GRAVITATION
. REDUCED GRAVITY
. SOLAR GRAVITATION
RT ANTIGRAVITY
DRAG
ENVIRONMENTS
GRAVIMETERS
GRAVITATIONAL CONSTANT
GRAVITATIONAL EFFECTS
GRAVITATIONAL FIELDS
GRAVITATIONAL WAVES
GRAVITY GRADIOMETERS
GRAVSAT SATELLITE
HIGH GRAVITY ENVIRONMENTS
ISOSTASY
LOW WEIGHT
LUNAR GRAVITY SIMULATOR
PENDULUMS
ROCHE LIMIT
SIMILITUDE LAW
SPACECRAFT ENVIRONMENTS
TERMINAL VELOCITY
WEIGHT (MASS)
WEIGHTLESSNESS

GRAVITATION THEORY

RT BIMETRIC THEORIES
GAUGE THEORY
GRAVITATIONAL FIELDS
GRAVITATIONAL WAVE ANTENNAS
GRAVITONS
∞ THEORIES

GRAVITATIONAL COLLAPSE

GS GRAVITATIONAL COLLAPSE
. BLACK HOLES (ASTRONOMY)
. WHITE HOLES (ASTRONOMY)
RT ASTROPHYSICS
NAKED SINGULARITIES
NEUTRAL CURRENTS
QUASARS
RELATIVISTIC PLASMAS
SUPERNOVAE

GRAVITATIONAL CONSTANT

GS CONSTANTS
. GRAVITATIONAL CONSTANT
RT BIG BANG COSMOLOGY

GRAVITATIONAL EFFECTS

GS GRAVITATIONAL EFFECTS
. GRAVITATIONAL LENSES
. LAGRANGIAN EQUILIBRIUM POINTS
. LUNAR GRAVITATIONAL EFFECTS
. STELLAR GRAVITATION
RT ACCELERATION STRESSES
(PHYSIOLOGY)
ACCELERATION TOLERANCE
DROP TOWERS
∞ EFFECTS
GEOTROPISM
LANGLEY COMPLEX COORDINATOR

GRAVITY GRADIENT SATELLITES

GRAVITATIONAL EFFECTS-(CONT.)

LOWER BODY NEGATIVE PRESSURE
REISSNER-NORDSTROM SOLUTION
STELLAR MASS ACCRETION
SWINGBY TECHNIQUE
WEIGHTLESSNESS

GRAVITATIONAL FIELDS

UF GRAVITATIONAL POTENTIAL
GS GRAVITATIONAL FIELDS
. STELLAR GRAVITATION
RT CENTER OF GRAVITY
EARTH-MOON SYSTEM
FIELD STRENGTH
FIELD THEORY (PHYSICS)
∞ FIELDS
GEOPOTENTIAL
GEOPOTENTIAL HEIGHT
GRAVIMETRY
GRAVITATION THEORY
GRAVITATIONAL LENSES
GRAVITY ANOMALIES
GRAVSAT SATELLITE
LAGRANGIAN EQUILIBRIUM POINTS
MULTIPOLAR FIELDS
SATELLITE PERTURBATION
SCHWARZSCHILD METRIC
YANG-MILLS FIELDS

GRAVITATIONAL LENSES

GS GRAVITATIONAL EFFECTS
. GRAVITATIONAL LENSES
LENSES
. GRAVITATIONAL LENSES
RT BLACK HOLES (ASTRONOMY)
FOCUSING
GRAVITATIONAL FIELDS
LIGHT SCATTERING
NEUTRON STARS
RELATIVISTIC EFFECTS
RELATIVITY
STELLAR GRAVITATION
WHITE HOLES (ASTRONOMY)

GRAVITATIONAL POTENTIAL

USE GRAVITATIONAL FIELDS

GRAVITATIONAL RADIATION

USE GRAVITATIONAL WAVES

GRAVITATIONAL WAVE ANTENNAS

GS ANTENNAS
. GRAVITATIONAL WAVE ANTENNAS
RT ANTENNA DESIGN
CRYOGENIC EQUIPMENT
GRAVITATION THEORY

GRAVITATIONAL WAVES

UF GRAVITATIONAL RADIATION
RT CELESTIAL BODIES
CELESTIAL MECHANICS
EARTH-MOON SYSTEM
GRAVITY WAVES
∞ WAVES

GRAVITONS

GS PARTICLES
. ELEMENTARY PARTICLES
... GRAVITONS
RT ATOMIC STRUCTURE
GRAVITATION THEORY

GRAVITY

USE GRAVITATION

GRAVITY ANOMALIES

GS ANOMALIES
. GRAVITY ANOMALIES
GRAVITATION
. GRAVITY ANOMALIES
RT GRAVITATIONAL FIELDS
MASCONS

GRAVITY GRADIENT SATELLITES

GS SATELLITES
. ARTIFICIAL SATELLITES
... GRAVITY GRADIENT SATELLITES
... ATS
... ATS 1
... ATS 2
... ATS 3
... ATS 4
... ATS 5
... ATS 6

GRAVITY GRADIOMETERS

GRAVITY GRADIENT SATELLITES-(CONT.)

RT ATS 7
 ATS 8
 ORBITAL CAL SATELLITE
 ARTIFICIAL GRAVITY
 EARTH SATELLITES
 EXPULSION
 MANNED SPACECRAFT
 OV-1 SATELLITES
 OV-2 SATELLITES
 OV-3 SATELLITES
 OV-4 SATELLITES
 OV-5 SATELLITES
 SATELLITE ATTITUDE CONTROL
 SATELLITE CONTROL
 SPIN REDUCTION
 UNMANNED SPACECRAFT

GRAVITY GRADIOMETERS
 GS MEASURING INSTRUMENTS
 . GRAVITY GRADIOMETERS
 RT GRADIENTS
 GRAVITATION

GRAVITY WAVES
 GS ELASTIC WAVES
 . CAPILLARY WAVES
 . GRAVITY WAVES
 . . . BAROCLINIC WAVES
 SURFACE WAVES
 . CAPILLARY WAVES
 . GRAVITY WAVES
 . . . BAROCLINIC WAVES
 RT CNOIDAL WAVES
 GRAVITATIONAL WAVES
 PLANETARY WAVES
 RIPPLES
 WATER WAVES
 WIND (METEOROLOGY)

GRAVSAT SATELLITE
 GS SATELLITES
 . ARTIFICIAL SATELLITES
 . GRAVSAT SATELLITE
 . EARTH SATELLITES
 . GRAVSAT SATELLITE
 . SCIENTIFIC SATELLITES
 . GRAVSAT SATELLITE
 RT GRAVITATION
 GRAVITATIONAL FIELDS

GRAY GAS
 GS GASES
 . GRAY GAS
 RT NONGRAY ATMOSPHERES
 RADIATION ABSORPTION
 RAYLEIGH SCATTERING
 THERMAL ABSORPTION

GRAZING
 GS INGESTION (BIOLOGY)
 . GRAZING
 RT ANIMALS
 CATTLE
 DEER
 GOATS
 HORSES
 RANGELANDS
 RURAL LAND USE
 SWINE

GRAZING INCIDENCE
 GS INCIDENCE
 . GRAZING INCIDENCE
 RT ABERRATION
 OPTICAL MEASUREMENT
 RAY TRACING

GRAZING INCIDENCE SOLAR TELESCOPE
 USE GRIST (TELESCOPE)

GRAZING LANDS
 USE GRASSLANDS

GREASES
 GS PRODUCTS
 . PETROLEUM PRODUCTS
 . GREASES
 RT FATS
 KEROGEN
 LUBRICANTS
 OILS
 THICKENERS (MATERIALS)

GREAT BASIN (US)
 GS LANDFORMS
 . STRUCTURAL BASINS
 . GREAT BASIN (US)
 RT CALIFORNIA
 EARTH RESOURCES
 FOLDS (GEOLOGY)
 FORMATIONS
 GEOLOGY
 NEVADA
 STRUCTURAL PROPERTIES (GEOLOGY)
 UTAH

GREAT BRITAIN
 USE UNITED KINGDOM

GREAT CIRCLES
 GS GEOMETRY
 . EUCLIDEAN GEOMETRY
 . . CIRCLES (GEOMETRY)
 . . GREAT CIRCLES
 RT FLIGHT OPTIMIZATION
 FLIGHT PATHS
 GROUND TRACKS
 TRAJECTORIES

GREAT LAKES (NORTH AMERICA)
 GS LAKES
 . GREAT LAKES (NORTH AMERICA)
 . . LAKE ERIE
 . . LAKE HURON
 . . LAKE MICHIGAN
 . . LAKE ONTARIO
 . . LAKE SUPERIOR
 RT CANADA
 CANALS
 EARTH RESOURCES
 INLAND WATERS
 INTERNATIONAL FIELD YEAR FOR
 GREAT LAKES
 RESOURCES
 UNITED STATES OF AMERICA
 WATER FLOW
 WATER RESOURCES

GREAT PLAINS CORRIDOR (NORTH AMERICA)
 GS CORRIDORS
 . GREAT PLAINS CORRIDOR (NORTH AMERICA)
 RT AGRICULTURE
 CANADA
 PLAINS
 RURAL LAND USE
 UNITED STATES OF AMERICA

GREAT SALT LAKE (UT)
 GS LAKES
 . GREAT SALT LAKE (UT)
 WATER
 . GREAT SALT LAKE (UT)
 RT EARTH RESOURCES
 HYDROLOGY
 INLAND WATERS
 PONDS
 UTAH

GREAT SMOKY MOUNTAINS (NC-TN)
 GS LANDFORMS
 . MOUNTAINS
 . GREAT SMOKY MOUNTAINS (NC-TN)
 RT NORTH CAROLINA
 TENNESSEE

GREB SATELLITES
 UF GALACTIC RADIATION EXP
 BACKGROUND SATS
 GS SATELLITES
 . ARTIFICIAL SATELLITES
 . GREB SATELLITES
 . . GREB 5 SATELLITE
 . EARTH SATELLITES
 . GREB SATELLITES
 . . GREB 5 SATELLITE

GREB 5 SATELLITE
 GS SATELLITES
 . ARTIFICIAL SATELLITES
 . GREB SATELLITES
 . . GREB 5 SATELLITE
 . EARTH SATELLITES
 . GREB SATELLITES
 . . GREB 5 SATELLITE
 RT SOLAR X-RAYS

NASA THESAURUS (VOLUME 1)

GREECE
 RT CYPRUS
 EUROPE
 NATIONS

GREEN FUNCTION
 UF GREEN THEOREM
 GS ANALYSIS (MATHEMATICS)
 . REAL VARIABLES
 . GREEN FUNCTION
 FUNCTIONS (MATHEMATICS)
 . GREEN FUNCTION
 RT DIFFERENTIAL EQUATIONS
 FIELD THEORY (ALGEBRA)
 FIELD THEORY (PHYSICS)
 HALF PLANES
 HALF SPACES
 JACOBI INTEGRAL
 MANY BODY PROBLEM

GREEN THEOREM
 USE GREEN FUNCTION

GREEN WAVE EFFECT
 RT ANNUAL VARIATIONS
 BOTANY
 CHLOROPHYLLS
 FOLIAGE
 LEAVES

GREENHOUSE EFFECT
 RT ATMOSPHERIC HEAT BUDGET
 ATMOSPHERIC RADIATION
 EARTH ATMOSPHERE
 ∞ EFFECTS
 ENVIRONMENT EFFECTS
 INSOLATION
 TERRESTRIAL RADIATION
 THERMAL RADIATION
 VENUS CLOUDS

GREENHOUSES
 RT PHYTOTRONS
 PLANTS (BOTANY)

GREENLAND
 GS LANDFORMS
 . ISLANDS
 . GREENLAND
 RT ARCTIC OCEAN
 DENMARK

GRENADES
 RT AMMUNITION
 INCENDIARY AMMUNITION
 PYROTECHNICS

∞ GRIDS
 SN (USE OF A MORE SPECIFIC TERM IS
 RECOMMENDED--CONSULT THE TERMS
 LISTED BELOW)
 RT COORDINATES
 IONIZERS
 ∞ MATRICES
 MESH
 RETICLES
 TUBE GRIDS
 TURNSTILE ANTENNAS
 WIRE GRID LENSES

GRIFFITH CRACK
 RT CRACK CLOSURE
 CRACK PROPAGATION
 FRACTURE MECHANICS
 GLASS
 ∞ THEORIES

GRIFFON AIRCRAFT
 USE NORD 1500 AIRCRAFT

GRIGG-SKJELLERUP COMET
 GS CELESTIAL BODIES
 . COMETS
 . GRIGG-SKJELLERUP COMET
 RT ∞ COMA
 COMET TAILS
 SOLAR SYSTEM
 SOLAR WIND

GRIGNARD REACTIONS
 GS CHEMICAL REACTIONS
 . GRIGNARD REACTIONS
 RT CATALYSTS

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GRINDING

SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)*
RT GRINDING (COMMINUTION)
GRINDING (MATERIAL REMOVAL)

GRINDING (COMMINUTION)

UF PULVERIZING
GS COMMINUTION
RT GRINDING (COMMINUTION)
ATOMIZING
COMPOUNDING
CRUSHING
DISINTEGRATION
GRINDING (MATERIAL REMOVAL)
MIXING

GRINDING (MATERIAL REMOVAL)

GS GRINDING (MATERIAL REMOVAL)
METAL GRINDING
RT ABRASION
COUNTERSINKING
CUTTING
GRINDING (COMMINUTION)
GROOVING
MACHINING
METAL CUTTING
PLANING
POLISHING
SCARFING
WEAR

GRINDING MACHINES

GS TOOLS
MACHINE TOOLS
GRINDING MACHINES
RT LATHES
METAL GRINDING
MILLING MACHINES
SHAPERS
ULTRASONIC CLEANING

GRINDING MILLS

RT ATOMIZERS
ATOMIZING
COMMINUTION
CRUSHERS
IMPACTORS
MIXERS

GRIST (TELESCOPE)

UF GRAZING INCIDENCE SOLAR
TELESCOPE
GS TELESCOPES
GRIST (TELESCOPE)
RT ENERGY SPECTRA
SOLAR COSMIC RAYS
SPACELAB

GRIT

RT ABRASIVES
GRAVELS
PARTICLES
SANDS
SEDIMENTS

GROOVES

GS GROOVES
V GROOVES
RT CORRUGATING
GROOVING

GROOVING

UF FLUTING
RT CUTTING
GRINDING (MATERIAL REMOVAL)
GROOVES
KNURLING
MACHINING
MILLING (MACHINING)
STRIATION

GROSS NATIONAL PRODUCT

UF GNP
GS PRODUCTS
GROSS NATIONAL PRODUCT
RT COMMERCE
COSTS
ECONOMETRICS
FINANCE
INDUSTRIES

GROUND BASED CONTROL

GS GROUND BASED CONTROL
AIR TRAFFIC CONTROL
AUTOMATED EN ROUTE ATC
RADAR APPROACH CONTROL
RT AIR TRAFFIC CONTROLLERS
(PERSONNEL)
AIRCRAFT APPROACH SPACING
AIRCRAFT CONTROL
AIRPORT SURFACE DETECTION
EQUIPMENT
AIRPORT TOWERS
APPROACH
APPROACH CONTROL
AUTOMATIC CONTROL
AUTOMATIC TRAFFIC ADVISORY AND
RESOLUTION
CONTROL
FLIGHT CONTROL
FLY BY WIRE CONTROL
GUIDANCE (MOTION)
INSTRUMENT LANDING SYSTEMS
INTEGRATED MISSION CONTROL
CENTER
LANDING AIDS
MISSILE CONTROL
RADAR NAVIGATION
RADIO CONTROL
REMOTE CONTROL
SPACECRAFT CONTROL
SPACECRAFT GUIDANCE
TRAFFIC CONTROL

GROUND CREWS

GS PERSONNEL
GROUND CREWS
RT MAINTENANCE

GROUND EFFECT

RT AERODYNAMIC DRAG
AERODYNAMICS
AIR CUSHION LANDING SYSTEMS
CUSHIONS
DOWNWASH
DRAG
EFFECTS
JET BLAST EFFECTS
LIFT
PERIPHERAL JET FLOW
WAKES

GROUND EFFECT (AERODYNAMICS)

RT DOWNWASH
LIFT

GROUND EFFECT (COMMUNICATIONS)

RT ECHOES
ELECTROMAGNETIC INTERFERENCE
ELECTROMAGNETIC NOISE
RADIO ATTENUATION
SIGNAL FADING
WAVE REFLECTION

GROUND EFFECT MACHINES

UF AIR CUSHION VEHICLES
DTMB-111 GROUND EFFECT MACHINE
DTMB-430 GROUND EFFECT MACHINE
HOVERCRAFT

GROUND EFFECT MACHINES

GS CUSHIONCRAFT GROUND EFFECT
MACHINE
GETOL AIRCRAFT
HOVERCRAFT GROUND EFFECT
MACHINES
KAG-3 GROUND EFFECT MACHINE
SAAB 401 AIR CUSHION VEHICLE
VA-3 GROUND EFFECT MACHINE
WESTLAND GROUND EFFECT
MACHINES

RT AIRCRAFT
COMMERCIAL AIRCRAFT
FLIGHT VEHICLES
FLYING PLATFORMS
HOVERING
LIFTING ROTORS
MILITARY AIRCRAFT
PASSENGER AIRCRAFT
PERIPHERAL JET FLOW
RAPID TRANSIT SYSTEMS
RESEARCH AIRCRAFT
SUBSONIC AIRCRAFT
SURFACE VEHICLES
TRANSPORT VEHICLES
V/STOL AIRCRAFT
VEHICLES

GROUND SUPPORT EQUIPMENT

GROUND EFFECT MACHINES-(CONT.)

WATER TAKEOFF AND LANDING
AIRCRAFT

GROUND HANDLING

GS MATERIALS HANDLING
GROUND HANDLING
RT AIR CARGO
BAGGAGE
CREW PROCEDURES (PREFLIGHT)
FACILITIES
FLIGHT OPERATIONS
HANGARS
MOBILE LOUNGES
TRACTORS
TRUCKS

GROUND OPERATIONAL SUPPORT SYSTEM

UF GOSS (SUPPORT SYSTEM)
GS GROUND SUPPORT EQUIPMENT
GROUND OPERATIONAL SUPPORT
SYSTEM
SUPPORT SYSTEMS
GROUND OPERATIONAL SUPPORT
SYSTEM
WEAPON SYSTEMS
GROUND OPERATIONAL SUPPORT
SYSTEM

GROUND SPEED

GS RATES (PER TIME)
GROUND SPEED
VELOCITY
GROUND SPEED
RT AIRSPEED
HIGH SPEED
LOW SPEED

GROUND SQUIRRELS

GS ANIMALS
VERTEBRATES
MAMMALS
RODENTS
SQUIRRELS
GROUND SQUIRRELS

GROUND STATE

GS LEVEL (QUANTITY)
ENERGY LEVELS
GROUND STATE
RT ATOMIC ENERGY LEVELS
ATOMIC THEORY
ELECTRON STATES
QUANTUM THEORY

GROUND STATIONS

GS STATIONS
GROUND STATIONS
DEEP SPACE INSTRUMENTATION
FACILITY
EARTH TERMINALS
INTEGRATED MISSION CONTROL
CENTER
POLYSTATION DOPPLER TRACKING
SYSTEM
SPACE DETECTION AND TRACKING
SYSTEM
STDN (NETWORK)
DATA ACQUISITION
DATA COLLECTION PLATFORMS
DOWNLINKING
GLOBAL TRACKING NETWORK
HANGARS
INDIAN SPACE PROGRAM
INTEGRATED GLOBAL OCEAN STATION
SYSTEMS
JODRELL BANK OBSERVATORY
LAND MOBILE SATELLITE SERVICE
MSAT
OCEAN DATA ACQUISITIONS SYSTEMS
POLLUTION MONITORING
SPACE FLIGHT TRACKING AND DATA
NETWORK
TRACKING STATIONS
WEATHER STATIONS

GROUND SUPPORT EQUIPMENT

GS GROUND SUPPORT EQUIPMENT
GROUND OPERATIONAL SUPPORT
SYSTEM
RT AIR TRAFFIC CONTROL
AIRCRAFT MAINTENANCE
AIRPORT PLANNING
AUXILIARY POWER SOURCES
BALLISTIC CAMERAS

GROUND SUPPORT SYSTEMS

GROUND SUPPORT EQUIPMENT-(CONT.)

CAPE KENNEDY LAUNCH COMPLEX
COMMAND AND CONTROL
COMMAND GUIDANCE
CRAWLER TRACTORS
EARTH TERMINAL MEASUREMENT
SYSTEM
∞ EQUIPMENT
FLIGHT CONTROL
GANTRY CRANES
HANDLING EQUIPMENT
LANDING AIDS
LAUNCHING BASES
LAUNCHING PADS
LAUNCHING SITES
MAINTENANCE
∞ MATERIALS
MISSILE LAUNCHERS
MISSILE STORAGE
MISSILES
ORDNANCE
PROPELLANT STORAGE
RADIO TELEMETRY
REFUELING
ROCKET LAUNCHERS
SATELLITE GROUND SUPPORT
∞ SPACECRAFT
STORABLE PROPELLANTS
∞ TEST EQUIPMENT
TRACKING NETWORKS
TRACKING STATIONS

GROUND SUPPORT SYSTEMS

GS SUPPORT SYSTEMS
. GROUND SUPPORT SYSTEMS
RT COMMONALITY (EQUIPMENT)
∞ SYSTEMS

GROUND TESTS

GS GROUND TESTS
. COLD FLOW TESTS
. PRELAUNCH TESTS
. . . STATIC FIRING
RT AIRCRAFT RUNUP
CAPTIVE TESTS
CREW PROCEDURES (PREFLIGHT)
ELECTRIC EQUIPMENT TESTS
ENGINE TESTS
FLIGHT TESTS
FULL SCALE TESTS
MISSILE TESTS
PREFIRING TESTS
PREFLIGHT OPERATIONS
SPACE ELECTRIC ROCKET TESTS
STABILITY TESTS
STATIC TESTS
TEST FIRING
∞ TESTS
WING FLOW METHOD TESTS

GROUND TRACKS

GS GROUND TRACKS
. SATELLITE GROUND TRACKS
RT AREA NAVIGATION
FLIGHT PATHS
GREAT CIRCLES
ORBITS
∞ PATHS
∞ TRACKS

GROUND TRUTH

RT AERIAL PHOTOGRAPHY
AERIAL RECONNAISSANCE
AIRBORNE INTEGRATED
RECONNAISSANCE SYSTEM
CROP IDENTIFICATION
IMAGERY
PHOTOINTERPRETATION
PHOTORECONNAISSANCE
SPECTROPHOTOGRAPHY

GROUND WATER

GS WATER
. INLAND WATERS
. . . GROUND WATER
RT AQUIFERS
EARTH RESOURCES
FRESH WATER
LIMNOLOGY
LYSIMETERS
POTABLE WATER
SPRINGS (WATER)
SURFACE WATER
WATER FLOW
WATER RESOURCES

GROUND WATER-(CONT.)

WATER RUNOFF
WATER TABLES
WELLS

GROUND WAVE PROPAGATION

GS TRANSMISSION
. WAVE PROPAGATION
. . . GROUND WAVE PROPAGATION
RT RADIO WAVES
SELECTIVE FADING
SKY WAVES

GROUND WIND

GS WIND (METEOROLOGY)
. GROUND WIND
RT AIR CURRENTS
ATMOSPHERIC CIRCULATION
CYCLONES
GUST LOADS
GUSTS
MONSOONS
SQUALLS
STORMS (METEOROLOGY)
TORNADOES
WIND DIRECTION
WIND EFFECTS
WIND EROSION
WIND PRESSURE
WIND PROFILES
WIND SHEAR
WIND VELOCITY
WINDMILLS (WINDPOWERED MACHINES)
WINDPOWER UTILIZATION
WINDPOWERED GENERATORS

GROUND-AIR-GROUND COMMUNICATION

GS COMMUNICATING
. GROUND-AIR-GROUND
COMMUNICATION
TELECOMMUNICATION
. GROUND-AIR-GROUND
COMMUNICATION
RT AERONAUTICAL SATELLITES
AIR TRAFFIC CONTROL
AIRCRAFT COMMUNICATION
AUTOMATED EN ROUTE ATC
COMMUNICATION SATELLITES
DISCRETE ADDRESS BEACON SYSTEM
OPTICAL COMMUNICATION
RADIO COMMUNICATION
SPACECRAFT COMMUNICATION
VOICE COMMUNICATION

GROUND-TO-AIR MISSILES

USE SURFACE TO AIR MISSILES

GROUP BEHAVIOR

USE GROUP DYNAMICS

GROUP DYNAMICS

UF GROUP BEHAVIOR
RT DEPENDENCE
ETHNIC FACTORS
PROBLEM SOLVING
SOCIOLOGY

GROUP THEORY

GS ALGEBRA
. GROUP THEORY
. . . HOMOMORPHISMS
. . . AUTOMORPHISMS
. . . MONOIDS
. . . SUBGROUPS
RT CHIRAL DYNAMICS
FIBERS (MATHEMATICS)
LIE GROUPS
∞ THEORIES

GROUP VELOCITY

GS RATES (PER TIME)
. GROUP VELOCITY
VELOCITY
. GROUP VELOCITY
RT BEAT FREQUENCIES
HARMONIC MOTION
PHASE VELOCITY
PROPAGATION VELOCITY
QUANTUM MECHANICS
WAVE PROPAGATION

GROUP 1A COMPOUNDS

USE ALKALI METAL COMPOUNDS

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∞ GROUP 1B COMPOUNDS

SN (USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)
RT COPPER COMPOUNDS
NOBLE METALS
SILVER COMPOUNDS

GROUP 2A COMPOUNDS

USE ALKALINE EARTH COMPOUNDS

∞ GROUP 2B COMPOUNDS

SN (USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)
RT CADMIUM COMPOUNDS
MERCURY COMPOUNDS
ZINC COMPOUNDS

∞ GROUP 3A COMPOUNDS

SN (USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)
RT ALUMINUM COMPOUNDS
BORON COMPOUNDS
GALLIUM COMPOUNDS
INDIUM COMPOUNDS

∞ GROUP 3B COMPOUNDS

SN (USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)
RT ACTINIDE SERIES COMPOUNDS
CURIUM COMPOUNDS
RARE EARTH COMPOUNDS
SCANDIUM COMPOUNDS
YTTRIUM COMPOUNDS

∞ GROUP 4A COMPOUNDS

SN (USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)
RT CARBON COMPOUNDS
GERMANIUM COMPOUNDS
LEAD COMPOUNDS
SILICON COMPOUNDS
TIN COMPOUNDS

∞ GROUP 4B COMPOUNDS

SN (USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)
RT HAFNIUM COMPOUNDS
TITANIUM COMPOUNDS
ZIRCONIUM COMPOUNDS

∞ GROUP 5A COMPOUNDS

SN (USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)
UF PNICTIDES
RT ANTIMONY COMPOUNDS
ARSENIC COMPOUNDS
BISMUTH COMPOUNDS
NITROGEN COMPOUNDS
OXYNITRIDES
PHOSPHORUS COMPOUNDS

∞ GROUP 5B COMPOUNDS

SN (USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)
RT NIOBIUM COMPOUNDS
TANTALUM COMPOUNDS
VANADIUM COMPOUNDS

∞ GROUP 6A COMPOUNDS

SN (USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)
RT CHALCOGENIDES
POLONIUM COMPOUNDS
SELENIUM COMPOUNDS
SULFUR COMPOUNDS
TELLURIUM COMPOUNDS

∞ GROUP 6B COMPOUNDS

SN (USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)
RT CHROMIUM COMPOUNDS
MOLYBDENUM COMPOUNDS
TUNGSTEN COMPOUNDS

GROUP 7A COMPOUNDS

USE HALOGEN COMPOUNDS

GROUP 7B COMPOUNDSSN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)*RT MANGANESE COMPOUNDS
RHENIUM COMPOUNDS
TECHNETIUM COMPOUNDS**GROUP 8 COMPOUNDS**SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)*RT COBALT COMPOUNDS
IRON COMPOUNDS
NICKEL COMPOUNDS
OSMIUM COMPOUNDS
PLATINUM COMPOUNDS
RHODIUM COMPOUNDS**GROUPS**SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)*RT CATEGORIES
CLASSES
SUBDIVISIONS**GROUT**RT AMORPHOUS MATERIALS
CEMENTS
CLAYS
CONCRETES
CONSTRUCTION MATERIALS
MORTARS (MATERIAL)
MUD
PLASTERS
TILES**GROWTH**UF HYPERTROPHY
MATURING
GS **GROWTH**
. CROP GROWTH
. CRYSTAL GROWTH
. CZOCHRALSKI METHOD
. DIRECTIONAL SOLIDIFICATION (CRYSTALS)
. EPITAXY
. ELECTROEPITAXY
. LIQUID PHASE EPITAXY
. MOLECULAR BEAM EPITAXY
. VAPOR PHASE EPITAXY
. HYDROTHERMAL CRYSTAL GROWTH
. TRAVELING SOLVENT METHOD
. VERNEUIL PROCESS
. VEGETATION GROWTH
RT ACCUMULATIONS
CROP CALENDARS
DEVELOPMENT
EVOLUTION (DEVELOPMENT)
FORMATION
GERMINATION
INCREASING
INFLATING
ONTOGENY
PHYTOTRONS
SHRINKAGE
SINTERING
SWELLING
TIMBER VIGOR
TIMBERLINE
TRENDS
VIABILITY
WARPAGE
YOUTH**GROWTH CHAMBERS**

USE PHYTOTRONS

GRUMMAN AIRCRAFTGS **GRUMMAN AIRCRAFT**
. A-6 AIRCRAFT
. C-1A AIRCRAFT
. C-2 AIRCRAFT
. E-2 AIRCRAFT
. F-9 AIRCRAFT
. F-14 AIRCRAFT
. F-111 AIRCRAFT
. JETSTREAM AIRCRAFT
. OV-1 AIRCRAFT
RT AIRCRAFT
AWACS AIRCRAFT**GRUMMAN OV-1C AIRCRAFT**

USE OV-1 AIRCRAFT

GRUNEISEN CONSTANTGS CONSTANTS
RT **GRUNEISEN CONSTANT**
COMPRESSIBILITY
SPECIFIC HEAT
THERMAL EXPANSION**GTDS**USE GODDARD TRAJECTORY
DETERMINATION SYSTEM**GUADELOUPE**GS LANDFORMS
. ISLANDS
. WEST INDIES
. **GUADELOUPE**
RT FRANCE
NATIONS**GUAM**GS LANDFORMS
. ISLANDS
. PACIFIC ISLANDS
. **GUAM**
RT UNITED STATES OF AMERICA**GUANETHIDINE**GS ALIPHATIC COMPOUNDS
. GUANIDINES
. **GUANETHIDINE**
AMINES
. DIAMINES
. GUANIDINES
. **GUANETHIDINE**
HETEROCYCLIC COMPOUNDS
. **GUANETHIDINE****GUANIDINES**GS ALIPHATIC COMPOUNDS
. **GUANIDINES**
. GUANETHIDINE
. TRIAMINOGUANIDINIUM AZIDE
AMINES
. DIAMINES
. **GUANIDINES**
. GUANETHIDINE
. TRIAMINOGUANIDINIUM AZIDE
RT PERFLUOROGUANIDINE**GUANINES**GS FUNGICIDES
. XANTHINES
. **GUANINES**
HETEROCYCLIC COMPOUNDS
. XANTHINES
. **GUANINES**
NITROGEN COMPOUNDS
. XANTHINES
. **GUANINES**
PROTEINS
. **GUANINES**
PURINES
. XANTHINES
. **GUANINES****GUANOSINES**UF VERNINE
GS ACIDS
. NUCLEIC ACIDS
. **GUANOSINES**
RT RIBONUCLEIC ACIDS**GUARANI AIRCRAFT**

USE DINFIA FA AIRCRAFT

GUARANI 1 AIRCRAFT

USE DINFIA FA AIRCRAFT

GUARDS (SHIELDS)RT **GUARDS (SHIELDS)**
BARRIERS
COVERINGS
HOUSINGS
SAFETY DEVICES
SAFETY MANAGEMENT
SHIELDING**GUATEMALA**RT CENTRAL AMERICA
NATIONS**GUAYULE**GS PLANTS (BOTANY)
. **GUAYULE**
RT BRUSH (BOTANY)
RUBBER**GUERRILLAS**GS WARFARE
. **GUERRILLAS**
RT ARMED FORCES
INFILTRATION**GUIDANCE (MOTION)**GS **GUIDANCE (MOTION)**
. AIRCRAFT GUIDANCE
. BEAM RIDER GUIDANCE
. COMMAND GUIDANCE
. ENTRY GUIDANCE (STS)
. INERTIAL GUIDANCE
. STRAPDOWN INERTIAL GUIDANCE
. INJECTION GUIDANCE
. MAP MATCHING GUIDANCE
. MIDCOURSE GUIDANCE
. REENTRY GUIDANCE
. RENDEZVOUS GUIDANCE
. SPACECRAFT GUIDANCE
. SATELLITE GUIDANCE
. STANDARDIZED SPACE GUIDANCE
. TERMINAL GUIDANCE
. LASER GUIDANCE
RT AIR NAVIGATION
APPROACH
ASCENT TRAJECTORIES
ASTRONOMICS
AUTOMATIC CONTROL
AVIONICS
CONTROL SURFACES
FLIGHT CONTROL
FLIGHT PATHS
GROUND BASED CONTROL
HOMING
HOMING DEVICES
IMPACT PREDICTION
LANDING
MANUAL CONTROL
MISSILES
NAVIGATION
PLATFORMS
POINTING CONTROL SYSTEMS
RADIO NAVIGATION
REMOTE CONTROL
STATIONKEEPING
SYSTEMS
TRAJECTORY CONTROL
VISUAL CONTROL**GUIDANCE SENSORS**RT ATTITUDE CONTROL
IMAGE DISSECTOR TUBES
OPTICAL MEASURING INSTRUMENTS
SENSORS
SOLAR SENSORS
SPACECRAFT INSTRUMENTS
STAR TRACKERS**GUIDE VANES**UF JETAVATORS
GS CONTROL SURFACES
. **GUIDE VANES**
. JET VANES
VANES
. **GUIDE VANES**
. JET VANES
RT AIRFOILS
HYDROFOILS
THRUST VECTOR CONTROL**GUIDED MISSILE SUBMARINES**UF POLARIS SUBMARINES
GS WATER VEHICLES
. SHIPS
. SUBMARINES
. **GUIDED MISSILE SUBMARINES**
. UNDERWATER VEHICLES
. SUBMARINES
. **GUIDED MISSILE SUBMARINES**
RT FLEET BALLISTIC MISSILES
POSEIDON MISSILES**GUINEA**RT AFRICA
NATIONS**GUINEA PIGS**

GS ANIMALS

GULF OF ALASKA

GUINEA PIGS-(CONT.)

- . VERTEBRATES
- . . MAMMALS
- . . . RODENTS
- GUINEA PIGS

GULF OF ALASKA

- GS GULFS
- . GULF OF ALASKA
- RT ALASKA
- PACIFIC OCEAN

GULF OF CALIFORNIA (MEXICO)

- GS GULFS
- . GULF OF CALIFORNIA (MEXICO)
- RT MEXICO
- PACIFIC OCEAN

GULF OF MEXICO

- GS GULFS
- . GULF OF MEXICO
- RT ALABAMA
- FLORIDA
- LOUISIANA
- MEXICO
- MISSISSIPPI
- RIO GRANDE (NORTH AMERICA)
- TEXAS

GULF STREAM

- RT ATLANTIC OCEAN
- CARIBBEAN SEA
- LOMONOSOV CURRENT
- SARGASSO SEA
- TOPEX

GULFS

- GS GULFS
- . GULF OF ALASKA
- . GULF OF CALIFORNIA (MEXICO)
- . GULF OF MEXICO
- . PERSIAN GULF
- RT BAYS (TOPOGRAPHIC FEATURES)
- DELAWARE BAY (US)
- INLETS (TOPOGRAPHY)
- TOPOGRAPHY

GULLIVER PROGRAM

- GS PROGRAMS
- . GULLIVER PROGRAM
- RT EXTRATERRESTRIAL LIFE
- SPACE EXPLORATION

GUM NEBULA

- GS CELESTIAL BODIES
- . NEBULAE
- . . GUM NEBULA
- RT GALAXIES
- ORION NEBULA

GUM VULCANIZATES

- USE VULCANIZED ELASTOMERS

GUMBEL THEORY

- USE RANGE (EXTREMES)

GUMS (SUBSTANCES)

- GS GUMS (SUBSTANCES)
- . ROSIN
- RT CHITIN
- POLYSACCHARIDES
- RUBBER
- TARS

GUN LAUNCHERS

- SN (ORDNANCE DEVICES FOR FIRING
- MISSILES AND ROCKETS WITH INITIAL
- ATTITUDE CONTROL)
- GS LAUNCHERS
- . GUN LAUNCHERS
- RT ARTILLERY
- . BARRELS
- GUNFIRE
- HOWITZERS
- HYPERVELOCITY LAUNCHERS
- MISSILE LAUNCHERS
- ROCKET CATAPULTS
- ROCKET LAUNCHERS
- SABOT PROJECTILES

GUN PROPELLANTS

- UF GUNPOWDER
- GS PROPELLANTS
- . GUN PROPELLANTS

GUN PROPELLANTS-(CONT.)

- RT EXPLOSIVES
- GUNS (ORDNANCE)

GUN TURRETS

- RT . CUPOLAS
- GUNS (ORDNANCE)
- . TURRET

GUNFIRE

- RT ARTILLERY FIRE
- FIRE CONTROL
- FIRING (IGNITING)
- GUN LAUNCHERS
- GUNS (ORDNANCE)
- PROJECTILES

GUNN DIODES

- GS ELECTRONIC EQUIPMENT
- . DIODES
- . . SEMICONDUCTOR DIODES
- . . . GUNN DIODES
- RT GALLIUM ARSENIDES
- NEGATIVE RESISTANCE DEVICES
- SEMICONDUCTOR DEVICES

GUNN EFFECT

- RT . EFFECTS
- NEGATIVE CONDUCTANCE
- NEGATIVE RESISTANCE DEVICES
- SEMICONDUCTOR DEVICES
- SEMICONDUCTOR LASERS

GUNNERY TRAINING

- GS EDUCATION
- . GUNNERY TRAINING
- RT ARTILLERY
- FIRE CONTROL
- GUNS (ORDNANCE)
- HOWITZERS
- WEAPONS

GUNPOWDER

- USE GUN PROPELLANTS

. GUNS

- SN *(USE OF A MORE SPECIFIC TERM IS*
- RECOMMENDED--CONSULT THE TERMS*
- LISTED BELOW)*
- RT CROSSED FIELD GUNS
- ELECTRON GUNS
- GAS GUNS
- GUNS (ORDNANCE)
- HYPERVELOCITY GUNS
- PLASMA GUNS

GUNS (ORDNANCE)

- UF CANNONS
- GS WEAPONS
- . GUNS (ORDNANCE)
- . . HOWITZERS
- . . . PRECISION GUIDED PROJECTILES
- . . . RIFLES
- RT AMMUNITION
- EXPLOSIVES
- GUN PROPELLANTS
- GUN TURRETS
- GUNFIRE
- GUNNERY TRAINING
- . GUNS
- HEAT OF COMBUSTION
- HYPERVELOCITY GUNS
- INCENDIARY AMMUNITION
- PROJECTILES
- PROPELLANTS
- SABOT PROJECTILES

GUST ALLEVIATORS

- RT DEFLECTORS
- GUSTS
- SPOILERS
- TURBULENT FLOW
- VORTEX ALLEVIATION

GUST LOADS

- GS AERODYNAMIC FORCES
- . AERODYNAMIC LOADS
- . . GUST LOADS
- LOADS (FORCES)
- . DYNAMIC LOADS
- . . AERODYNAMIC LOADS
- . . . GUST LOADS
- . . . TRANSIENT LOADS
- . . . GUST LOADS

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GUST LOADS-(CONT.)

- . RANDOM LOADS
- . . GUST LOADS
- RT ATMOSPHERIC TURBULENCE
- BLAST LOADS
- GROUND WIND
- GUSTS
- STRUCTURAL DESIGN CRITERIA
- WIND PRESSURE
- WING LOADING

GUSTATORY PERCEPTION

- USE TASTE

GUSTS

- GS TURBULENCE
- . ATMOSPHERIC TURBULENCE
- . . GUSTS
- WIND (METEOROLOGY)
- . GUSTS
- RT CLEAR AIR TURBULENCE
- GROUND WIND
- GUST ALLEVIATORS
- GUST LOADS
- SEA BREEZE
- STORM DAMAGE
- STORMS
- STORMS (METEOROLOGY)
- VORTEX AVOIDANCE

GUTENBERG ZONE

- GS MODELS
- . GUTENBERG ZONE
- REGIONS
- . GUTENBERG ZONE
- RT ACOUSTIC VELOCITY
- SEISMIC WAVES

GUY WIRES

- UF STAYS
- GS WIRE
- . GUY WIRES
- RT ANCHORS (FASTENERS)
- STRUCTURAL MEMBERS

GUYANA

- UF BRITISH GUINEA
- RT NATIONS
- SOUTH AMERICA

GY-80 AIRCRAFT

- UF HORIZON AIRCRAFT
- SUD AVIATION GY-80 AIRCRAFT
- GS GENERAL AVIATION AIRCRAFT
- . GY-80 AIRCRAFT
- LIGHT AIRCRAFT
- . GY-80 AIRCRAFT
- MONOPLANES
- . GY-80 AIRCRAFT
- PASSENGER AIRCRAFT
- . GY-80 AIRCRAFT
- SUD AVIATION AIRCRAFT
- . GY-80 AIRCRAFT

GYMNASTICS

- USE PHYSICAL EXERCISE

GYNECOLOGY

- GS MEDICAL SCIENCE
- . GYNECOLOGY
- RT FEMALES
- GENITOURINARY SYSTEM

GYPSUM

- GS MINERALS
- . GYPSUM
- PLASTERS
- . GYPSUM
- RT CALCIUM
- CHALK
- ROCKS
- SEDIMENTARY ROCKS
- SULFATES

GYRATION

- GS GYRATION
- . PRECESSION
- . . LARMOR PRECESSION
- . . . PROTON PRECESSION
- . . . QUENCHING (ATOMIC PHYSICS)
- . REVOLVING
- . ROTATION
- . . AUTOROTATION
- . . . COUNTER ROTATION

GYRATION-(CONT.)

. . . EARTH ROTATION
 . . . MOLECULAR ROTATION
 . . . MUON SPIN ROTATION
 . . . PLANETARY ROTATION
 . . . SATELLITE ROTATION
 . . . STELLAR ROTATION
 . . . SOLAR ROTATION
 RT ANGULAR VELOCITY
 ∞ MOTION
 SPIN DYNAMICS

GYRATORS

UF TELLEGEN THEORY
 GS MICROWAVE EQUIPMENT
 . . . **GYRATORS**
 . . . MICROWAVE FILTERS
 RT FERRITES
 MICROWAVE SWITCHING
 NETWORK ANALYSIS
 ∞ NETWORKS
 PHASE SHIFT CIRCUITS
 WAVEGUIDES

GYRO HORIZONS

GS AIRCRAFT INSTRUMENTS
 . . . ATTITUDE INDICATORS
 . . . **GYRO HORIZONS**
 DISPLAY DEVICES
 . . . **GYRO HORIZONS**
 FLIGHT INSTRUMENTS
 . . . ATTITUDE INDICATORS
 . . . **GYRO HORIZONS**
 GYROSCOPES
 . . . ATTITUDE GYROS
 . . . **GYRO HORIZONS**
 MEASURING INSTRUMENTS
 . . . INDICATING INSTRUMENTS
 . . . ATTITUDE INDICATORS
 . . . **GYRO HORIZONS**
 RT HORIZON

GYROCOMPASSES

GS AIRCRAFT INSTRUMENTS
 . . . COMPASSES
 . . . **GYROCOMPASSES**
 GYROSCOPES
 . . . **GYROCOMPASSES**
 MEASURING INSTRUMENTS
 . . . COMPASSES
 . . . **GYROCOMPASSES**
 . . . INDICATING INSTRUMENTS
 . . . **GYROCOMPASSES**
 NAVIGATION AIDS
 . . . NAVIGATION INSTRUMENTS
 . . . COMPASSES
 . . . **GYROCOMPASSES**
 RT MAGNETIC COMPASSES
 RADIO DIRECTION FINDERS
 SOLAR COMPASSES

GYRODAMPERS

RT CONTROL MOMENT GYROSCOPES
 GIMBALS
 GYROSCOPIC STABILITY
 STRUCTURAL VIBRATION
 VIBRATION DAMPING

GYRODYNE AIRCRAFT

GS **GYRODYNE AIRCRAFT**
 . . . QH-50 HELICOPTER
 RT ∞ AIRCRAFT

GYRODYNE DSN-3 HELICOPTER

USE QH-50 HELICOPTER

GYRODYNE MILITARY AIRCRAFT

USE QH-50 HELICOPTER

GYROFREQUENCY

GS MAGNETIC PROPERTIES
 . . . GYROMAGNETISM
 . . . **GYROFREQUENCY**
 RT CHARGED PARTICLES
 MAGNETOIONICS

GYROINTERACTION

USE MAGNETIC RIGIDITY

GYROMAGNETISM

GS MAGNETIC PROPERTIES
 . . . **GYROMAGNETISM**
 . . . GYROFREQUENCY
 RT LARMOR RADIUS

GYROPLANES

USE HELICOPTERS

GYROS

USE GYROSCOPES

GYROSCOPE FLUIDS

RT DAMPING
 ∞ FLUIDS
 ROTARY GYROSCOPES
 SUSPENDING (HANGING)

GYROSCOPES

UF GYROS
 GYROSCOPIC DRIFT
 GYROSTATS
 GS **GYROSCOPES**
 . . . ATTITUDE GYROS
 . . . GYRO HORIZONS
 . . . CONTROL MOMENT GYROSCOPES
 . . . CRYOGENIC GYROSCOPES
 . . . ELECTROSTATIC GYROSCOPES
 . . . GYROCOMPASSES
 . . . GYROSCOPIC PENDULUMS
 . . . GYROSTABILIZERS
 . . . LASER GYROSCOPES
 . . . NUCLEAR GYROSCOPES
 . . . OPTICAL GYROSCOPES
 . . . ROTARY GYROSCOPES
 . . . FLUID ROTOR GYROSCOPES
 . . . TUNING FORK GYROSCOPES
 RT AUTOMATIC PILOTS
 GIMBALLESS INERTIAL NAVIGATION
 GIMBALS
 GYROSCOPIC STABILITY
 PRECESSION
 ∞ STABILIZERS
 TORQUERS

GYROSCOPIC COUPLING

GS COUPLING
 . . . **GYROSCOPIC COUPLING**
 RT NAVIGATION

GYROSCOPIC DRIFT

USE GYROSCOPES
 GYROSCOPIC STABILITY

GYROSCOPIC PENDULUMS

UF PENDULOUS GYROSCOPES
 GS GYROSCOPES
 . . . **GYROSCOPIC PENDULUMS**
 OSCILLATORS
 . . . MECHANICAL OSCILLATORS
 . . . PENDULUMS
 . . . **GYROSCOPIC PENDULUMS**
 RT ACCELEROMETERS
 DAMPING
 SCHULER TUNING

GYROSCOPIC STABILITY

UF GYROSCOPIC DRIFT
 GS DYNAMIC CHARACTERISTICS
 . . . DYNAMIC STABILITY
 . . . MOTION STABILITY
 . . . ATTITUDE STABILITY
 . . . DIRECTIONAL STABILITY
 **GYROSCOPIC STABILITY**
 ROTARY STABILITY
 **GYROSCOPIC STABILITY**
 STABILITY
 . . . DYNAMIC STABILITY
 . . . MOTION STABILITY
 . . . ATTITUDE STABILITY
 . . . DIRECTIONAL STABILITY
 **GYROSCOPIC STABILITY**
 ROTARY STABILITY
 **GYROSCOPIC STABILITY**
 RT DAMPING
 GYRODAMPERS
 GYROSCOPES
 HOVERING STABILITY
 INERTIAL PLATFORMS
 PRECESSION
 ROTARY GYROSCOPES
 SCHULER TUNING
 SEA KEEPING
 STABILIZED PLATFORMS
 STABLE OSCILLATIONS
 YO-YO DEVICES

GYROSTABILIZERS

GS GYROSCOPES
 . . . **GYROSTABILIZERS**
 RT NAVIGATION AIDS

GYROSTABILIZERS-(CONT.)

SEA KEEPING
 STABILIZED PLATFORMS
 THRUST VECTOR CONTROL

GYROSTATS

USE GYROSCOPES

GYROTRONS

USE CYCLOTRON RESONANCE DEVICES

GYROTROPISM

GS TROPISM
 . . . **GYROTROPISM**
 RT FREQUENCY SHIFT

H**H ALPHA LINE**

GS SPECTRA
 . . . RADIATION SPECTRA
 . . . ELECTROMAGNETIC SPECTRA
 . . . LINE SPECTRA
 H LINES
 **H ALPHA LINE**
 RT ABSORPTION SPECTRA
 EMISSION SPECTRA
 SOLAR SPECTRA

H BETA LINE

GS SPECTRA
 . . . RADIATION SPECTRA
 . . . ELECTROMAGNETIC SPECTRA
 . . . LINE SPECTRA
 H LINES
 **H BETA LINE**
 RT ABSORPTION SPECTRA
 BALMER SERIES
 EMISSION SPECTRA
 SOLAR SPECTRA

H GAMMA LINE

GS SPECTRA
 . . . RADIATION SPECTRA
 . . . ELECTROMAGNETIC SPECTRA
 . . . LINE SPECTRA
 H LINES
 **H GAMMA LINE**
 RT ABSORPTION SPECTRA
 BALMER SERIES
 EMISSION SPECTRA
 SOLAR SPECTRA

H LINES

SN (EXCLUDES SURFACES OF CONSTANT
 MAGNETIC FIELD STRENGTH)
 GS SPECTRA
 . . . RADIATION SPECTRA
 . . . ELECTROMAGNETIC SPECTRA
 . . . LINE SPECTRA
 H LINES
 H ALPHA LINE
 H BETA LINE
 H GAMMA LINE
 RT ABSORPTION SPECTRA
 BALMER SERIES
 D LINES
 EMISSION SPECTRA
 K LINES
 LYMAN SPECTRA
 PASCHEN SERIES
 RYDBERG SERIES
 SOLAR SPECTRA
 TELLURIC LINES

H WAVES

GS ELECTROMAGNETIC RADIATION
 . . . **H WAVES**
 OSCILLATIONS
 . . . TRANSVERSE OSCILLATION
 . . . **H WAVES**
 TRANSVERSE WAVES
 . . . **H WAVES**
 RT ELECTRIC FIELD STRENGTH

H-1 ENGINE

GS ENGINES
 . . . ROCKET ENGINES
 . . . BOOSTER ROCKET ENGINES
 . . . **H-1 ENGINE**

H-13 HELICOPTER

H-1 ENGINE-(CONT.)

- .. LIQUID PROPELLANT ROCKET ENGINES
- .. H-1 ENGINE
- RT JUNO 5 LAUNCH VEHICLE
- SATURN 1 LAUNCH VEHICLES
- SATURN 1B LAUNCH VEHICLES

H-13 HELICOPTER

- USE OH-13 HELICOPTER

H-17 HELICOPTER

- UF FLYING CRANE HELICOPTER
- GS HUGHES AIRCRAFT
- .. H-17 HELICOPTER
- JET AIRCRAFT
- .. H-17 HELICOPTER
- RESEARCH AIRCRAFT
- .. H-17 HELICOPTER
- V/STOL AIRCRAFT
- .. ROTARY WING AIRCRAFT
- .. HELICOPTERS
- .. H-17 HELICOPTER

H-19 HELICOPTER

- GS PASSENGER AIRCRAFT
- .. H-19 HELICOPTER
- SIKORSKY AIRCRAFT
- .. H-19 HELICOPTER
- TRANSPORT AIRCRAFT
- .. H-19 HELICOPTER
- V/STOL AIRCRAFT
- RT

H-21 HELICOPTER

- USE CH-21 HELICOPTER

H-23 HELICOPTER

- USE OH-23 HELICOPTER

H-25 HELICOPTER

- GS BOEING AIRCRAFT
- .. H-25 HELICOPTER
- V/STOL AIRCRAFT
- .. ROTARY WING AIRCRAFT
- .. HELICOPTERS
- .. TANDEM ROTOR HELICOPTERS
- .. H-25 HELICOPTER
- RT ANTISUBMARINE WARFARE AIRCRAFT

H-34 HELICOPTER

- USE CH-34 HELICOPTER

H-41 HELICOPTER

- USE NH-41 HELICOPTER

H-43 HELICOPTER

- GS KAMAN AIRCRAFT
- .. H-43 HELICOPTER
- V/STOL AIRCRAFT
- .. ROTARY WING AIRCRAFT
- .. HELICOPTERS
- .. MILITARY HELICOPTERS
- .. H-43 HELICOPTER

H-51 HELICOPTER

- USE XH-51 HELICOPTER

H-53 HELICOPTER

- UF CH-53 HELICOPTER
- HHX HELICOPTER
- SIKORSKY S-65 HELICOPTER
- GS PASSENGER AIRCRAFT
- .. H-53 HELICOPTER
- SIKORSKY AIRCRAFT
- .. H-53 HELICOPTER
- TRANSPORT AIRCRAFT
- .. H-53 HELICOPTER
- V/STOL AIRCRAFT
- .. ROTARY WING AIRCRAFT
- .. HELICOPTERS
- .. MILITARY HELICOPTERS
- .. H-53 HELICOPTER

H-54 HELICOPTER

- GS V/STOL AIRCRAFT
- .. ROTARY WING AIRCRAFT
- .. HELICOPTERS
- .. H-54 HELICOPTER

H-56 HELICOPTER

- GS PASSENGER AIRCRAFT
- .. H-56 HELICOPTER
- SIKORSKY AIRCRAFT
- .. H-56 HELICOPTER

H-56 HELICOPTER-(CONT.)

- TRANSPORT AIRCRAFT
- .. H-56 HELICOPTER
- V/STOL AIRCRAFT
- .. ROTARY WING AIRCRAFT
- .. HELICOPTERS
- .. MILITARY HELICOPTERS
- .. H-56 HELICOPTER

H-60 HELICOPTER

- UF BLACK HAWK ASSAULT HELICOPTER
- GS SIKORSKY AIRCRAFT
- .. H-60 HELICOPTER
- V/STOL AIRCRAFT
- .. ROTARY WING AIRCRAFT
- .. HELICOPTERS
- .. MILITARY HELICOPTERS
- .. H-60 HELICOPTER
- RT
- .. AIRCRAFT
- .. MILITARY AIRCRAFT

H-126 AIRCRAFT

- UF HUNTING H-126 AIRCRAFT
- GS BAC AIRCRAFT
- .. H-126 AIRCRAFT
- JET AIRCRAFT
- .. H-126 AIRCRAFT
- MONOPLANES
- .. H-126 AIRCRAFT
- RESEARCH AIRCRAFT
- .. H-126 AIRCRAFT
- RT JET FLAPS

HABITABILITY

- RT ECOLOGY
- ENVIRONMENTAL CONTROL
- ENVIRONMENTS
- SHELTERS

HABITATS

- SN (LIMITED TO PLANTS AND ANIMALS)
- GS REGIONS
- .. HABITATS
- RT ANIMALS
- .. BIOLOGY
- .. BOTANY
- .. CONSERVATION
- .. EARTH RESOURCES
- .. ECOLOGY
- .. ENDANGERED SPECIES
- .. ENVIRONMENT EFFECTS
- .. ENVIRONMENTS
- .. WILDLIFE

HABITS

- RT LEARNING
- PSYCHOLOGICAL FACTORS

HABITUATION (LEARNING)

- GS LEARNING
- .. HABITUATION (LEARNING)
- RT CONDITIONING (LEARNING)

HADRONS

- GS PARTICLES
- .. ELEMENTARY PARTICLES
- .. HADRONS
- .. BARYONS
- .. OMEGA-MESONS
- .. RHO-MESONS
- .. SIGMA-MESONS
- .. MESONS
- .. K-MESONS
- .. MUONS
- .. OMEGA-MESONS
- .. VECTOR MESONS
- .. RHO-MESONS
- .. SIGMA-MESONS
- RT CHARM (PARTICLE PHYSICS)
- PARTONS
- QUARK PARTON MODEL
- VECTOR DOMINANCE MODEL

HAFNIUM

- GS CHEMICAL ELEMENTS
- .. HAFNIUM
- .. HAFNIUM ISOTOPES
- METALS
- .. TRANSITION METALS
- .. HAFNIUM
- .. HAFNIUM ISOTOPES

HAFNIUM ALLOYS

- GS ALLOYS

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HAFNIUM ALLOYS-(CONT.)

- .. HAFNIUM ALLOYS

HAFNIUM CARBIDES

- GS CARBON COMPOUNDS
- .. CARBIDES
- .. HAFNIUM CARBIDES
- HAFNIUM COMPOUNDS
- .. HAFNIUM CARBIDES

HAFNIUM COMPOUNDS

- GS HAFNIUM COMPOUNDS
- .. HAFNIUM CARBIDES
- .. HAFNIUM IODIDES
- .. HAFNIUM OXIDES
- RT .. GROUP 4B COMPOUNDS
- .. METAL COMPOUNDS

HAFNIUM IODIDES

- GS HAFNIUM COMPOUNDS
- .. HAFNIUM IODIDES
- HALOGEN COMPOUNDS
- .. HALIDES
- .. METAL HALIDES
- .. HAFNIUM IODIDES
- .. IODINE COMPOUNDS
- .. IODIDES
- .. HAFNIUM IODIDES

HAFNIUM ISOTOPES

- GS CHEMICAL ELEMENTS
- .. HAFNIUM
- .. HAFNIUM ISOTOPES
- .. NUCLIDES
- .. ISOTOPES
- .. HAFNIUM ISOTOPES
- METALS
- .. TRANSITION METALS
- .. HAFNIUM
- .. HAFNIUM ISOTOPES

HAFNIUM OXIDES

- GS CHALCOGENIDES
- .. OXIDES
- .. METAL OXIDES
- .. HAFNIUM OXIDES
- HAFNIUM COMPOUNDS
- .. HAFNIUM OXIDES

HAIL

- UF HAILSTONES
- GS PRECIPITATION (METEOROLOGY)
- .. HAIL
- RT CLOUD GLACIATION
- HAILSTORMS
- ICE FORMATION
- STORMS (METEOROLOGY)
- THUNDERSTORMS

HAILSTONES

- USE HAIL

HAILSTORMS

- GS STORMS
- .. STORMS (METEOROLOGY)
- .. HAILSTORMS
- RT CLIMATOLOGY
- HAIL
- PRECIPITATION (METEOROLOGY)
- RAINSTORMS
- STORM DAMAGE
- STORM ENHANCEMENT
- STORM SUPPRESSION
- THUNDERSTORMS

HAIR

- GS FIBERS
- .. HAIR
- RT KERATINS
- WOOL

HAITI

- GS LANDFORMS
- .. ISLANDS
- .. WEST INDIES
- .. HAITI
- RT CARIBBEAN SEA
- NATIONS

HAL/S (LANGUAGE)

- GS LANGUAGES
- .. PROGRAMMING LANGUAGES
- .. HAL/S (LANGUAGE)
- RT COMPUTER PROGRAMMING

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HAL/S (LANGUAGE)-(CONT.) COMPUTERS

HALDEN BOILING WATER REACTOR

- UF Halden Reactor
- HBWR Reactor
- GS Nuclear Reactors
 - . Liquid Cooled Reactors
 - . Water Cooled Reactors
 - . Boiling Water Reactors
 - Halden Boiling Water Reactor

HALDEN REACTOR

- USE Halden Boiling Water Reactor

HALF CONES

- RT Aerodynamic Configurations
 - . Circular Cones
 - . Cones
 - . Conics
 - . Nose Cones

HALF LIFE

- GS Decay
 - . Half Life
 - . Life (Durability)
 - . Half Life
- RT Nuclear Reactions
 - . Post-Blast Nuclear Radiation
 - . Radiative Lifetime
 - . Radioactive Age Determination
 - . Radioactive Decay
 - . Radioactivity
 - . Reaction Kinetics

HALF PLANES

- GS Analysis (Mathematics)
 - . Half Planes
- RT Boundary Value Problems
 - . Coordinates
 - . Differential Equations
 - . Green Function

HALF SPACES

- GS Analysis (Mathematics)
 - . Half Spaces
- RT Boundary Value Problems
 - . Coordinates
 - . Elliptic Differential Equations
 - . Green Function

HALIDES

- GS Halogen Compounds
 - . Halides
 - . Bromides
 - . . . Ammonium Bromides
 - . . . Arecoline Hydrobromide
 - . . . Cesium Bromides
 - . . . Chromium Bromides
 - . . . Dibromides
 - . . . Hydrobromic Acid
 - . . . Hydrobromides
 - . . . Magnesium Bromides
 - . . . Potassium Bromides
 - . . . Silver Bromides
 - . . . Sodium Bromides
 - . . . Strontium Bromides
 - . Chlorides
 - . . . Aluminum Chlorides
 - . . . Ammonium Chlorides
 - . . . Beryllium Chlorides
 - . . . Boron Chlorides
 - . . . Cadmium Chlorides
 - . . . Calcium Chlorides
 - . . . Carbon Tetrachloride
 - . . . Copper Chlorides
 - . . . Dichlorides
 - . . . Germanium Chlorides
 - . . . Hydrochlorides
 - . . . Hydrogen Chlorides
 - . . . Hydrochloric Acid
 - . . . Iron Chlorides
 - . . . Lanthanum Chlorides
 - . . . Lead Chlorides
 - . . . Lithium Chlorides
 - . . . Magnesium Chlorides
 - . . . Nitrosyl Chlorides
 - . . . Nitroxychlorides
 - . . . Nitryl Chlorides
 - . . . Phosgene
 - . . . Potassium Chlorides
 - . . . Silicon Tetrachloride
 - . . . Silver Chlorides
 - . . . Sodium Chlorides

HALIDES-(CONT.)

- . . . Sulfur Chlorides
 - . . . Tetrachlorides
 - . . . Titanium Chlorides
 - . . . Tungsten Chlorides
 - . . . Zinc Chlorides
 - . Fluorides
 - . . . Antimony Fluorides
 - . . . Barium Fluorides
 - . . . Boron Fluorides
 - . . . Chlorine Fluorides
 - . . . Difluorides
 - Calcium Fluorides
 - Fluorspar
 - Hydrofluoric Acid
 - Nitrogen Fluorides
 - Oxyfluorides
 - Oxygen Fluorides
 - Ozone Fluoride
 - Perchloryl Fluorides
 - . . . Sulfur Fluorides
 - . . . Technetium Fluorides
 - . . . Metal Halides
 - Alkali Halides
 - Cesium Halides
 - Cesium Bromides
 - Cesium Fluorides
 - Cesium Iodides
 - Potassium Iodides
 - Sodium Bromides
 - Sodium Chlorides
 - Sodium Fluorides
 - Sodium Iodides
 - Aluminum Chlorides
 - Aluminum Fluorides
 - Barium Fluorides
 - Beryllium Chlorides
 - Beryllium Fluorides
 - Cadmium Chlorides
 - Cadmium Fluorides
 - Calcium Chlorides
 - Calcium Fluorides
 - Fluorspar
 - Chromium Bromides
 - Chromium Fluorides
 - Cobalt Fluorides
 - Copper Chlorides
 - Copper Fluorides
 - Hafnium Iodides
 - Iron Chlorides
 - Lanthanum Chlorides
 - Lanthanum Fluorides
 - Lead Chlorides
 - Lithium Chlorides
 - Lithium Fluorides
 - Magnesium Bromides
 - Magnesium Fluorides
 - Nickel Fluorides
 - Niobium Iodides
 - Plutonium Fluorides
 - Potassium Bromides
 - Potassium Chlorides
 - Protactinium Fluorides
 - Silver Halides
 - Silver Bromides
 - Silver Chlorides
 - Silver Iodides
 - Strontium Bromides
 - Strontium Fluorides
 - Technetium Fluorides
 - Thorium Fluorides
 - Titanium Chlorides
 - Tungsten Halides
 - Tungsten Chlorides
 - Tungsten Fluorides
 - Uranium Fluorides
 - Zinc Chlorides
 - Zinc Fluorides
 - Zirconium Iodides
 - . . . Oxyhalides
- RT Halogens
 - . Molten Salts
 - . Nitrosyls

HALITES

- UF Rock Salt
- RT Molten Salts
 - . Salts

HALL ACCELERATORS

- RT Accelerators
 - . Alpha Plasma Devices
 - . Magnetohydrodynamics
 - . Plasma Physics

HALOGEN COMPOUNDS

HALL COEFFICIENT

- USE Hall Effect

HALL CURRENTS

- USE Electric Current
- Hall Effect

HALL EFFECT

- UF Hall Coefficient
- Hall Currents
- RT Carrier Mobility
 - . Galvanomagnetic Effects
 - . Magnetohydrodynamics
 - . Mobility
 - . Polarization (Charge Separation)
 - . Semiconductor Devices
 - . Transport Properties

HALL GENERATORS

- RT Circulators (Phase Shift Circuits)
 - . Faraday Effect
- . Generators
 - . Plasma Generators
 - . Signal Generators

HALLAM NUCLEAR POWER FACILITY

- UF HNPFF (Hallam Nuclear Power Facility)
- GS Electric Power Plants
 - . Nuclear Power Plants
 - . . . Hallam Nuclear Power Facility
 - . Nuclear Electric Power Generation
 - . Nuclear Power Plants
 - . . . Hallam Nuclear Power Facility
- RT Power Plants
 - . Sodium Graphite Reactors

HALLEY'S COMET

- UF Giotto Mission
- GS Celestial Bodies
 - . Comets
 - . . . Halley's Comet
 - . Solar System
 - . . . Halley's Comet

HALLUCINATIONS

- GS Psychological Effects
 - . Illusions
- . Hallucinations
 - . Signs and Symptoms
- RT

HALO ORBIT SPACE STATION

- GS Stations
 - . Space Stations
 - . . . Orbital Space Stations
 - . . . Halo Orbit Space Station
- RT Artificial Satellites
 - . Lunar Spacecraft
 - . Satellites

HALOCARBONS

- GS Carbon Compounds
 - . Halocarbons
 - . . . Chlorocarbons
 - . Halogen Compounds
 - . Halocarbons
 - . . . Fluorocarbons
 - . Bromine Compounds
 - . Chemical Compounds
 - . . . Chlorine Compounds
 - . . . Fluorine Compounds
 - . . . Fluoro Compounds
 - . . . Iodine Compounds
- RT

HALOE

- USE Halogen Occultation Experiment

HALOGEN COMPOUNDS

- UF Group 7A Compounds
- GS Halogen Compounds
 - . Bromine Compounds
 - . . . Bromates
 - . . . Bromides
 - Ammonium Bromides
 - Arecoline Hydrobromide
 - Cesium Bromides
 - Chromium Bromides
 - Dibromides
 - Hydrobromic Acid
 - Hydrobromides
 - Magnesium Bromides
 - Potassium Bromides
 - Silver Bromides

HALOGEN OCCULTATION EXPERIMENT

HALOGEN COMPOUNDS-(CONT.)

... SODIUM BROMIDES
 ... STRONTIUM BROMIDES
 ... CHLORINE COMPOUNDS
 ... CHLORATES
 ... CHLORIDES
 ... ALUMINUM CHLORIDES
 ... AMMONIUM CHLORIDES
 ... BERYLLIUM CHLORIDES
 ... BORON CHLORIDES
 ... CADMIUM CHLORIDES
 ... CALCIUM CHLORIDES
 ... CARBON TETRACHLORIDE
 ... COPPER CHLORIDES
 ... DICHLORIDES
 ... GERMANIUM CHLORIDES
 ... HYDROCHLORIDES
 ... IRON CHLORIDES
 ... LANTHANUM CHLORIDES
 ... LEAD CHLORIDES
 ... LITHIUM CHLORIDES
 ... MAGNESIUM CHLORIDES
 ... NITROSYL CHLORIDES
 ... NITROXYCHLORIDES
 ... NITRYL CHLORIDES
 ... PHOSGENE
 ... POTASSIUM CHLORIDES
 ... SILICON TETRACHLORIDE
 ... SILVER CHLORIDES
 ... SODIUM CHLORIDES
 ... SULFUR CHLORIDES
 ... TETRACHLORIDES
 ... TITANIUM CHLORIDES
 ... TUNGSTEN CHLORIDES
 ... ZINC CHLORIDES
 ... CHLORINE FLUORIDES
 ... CHLORINE OXIDES
 ... CHLOROSILANES
 ... DICHLORODIPHENYLTRICHLOROETHA
 NE
 ... MECLIZINE
 ... PERCHLORATES
 ... ALUMINUM PERCHLORATES
 ... AMMONIUM PERCHLORATES
 ... HYDRAZINE PERCHLORATES
 ... HYDROGEN PERCHLORATE
 ... HYDROXYLAMMONIUM
 PERCHLORATES
 ... LITHIUM PERCHLORATES
 ... MAGNESIUM PERCHLORATES
 ... NITRONIUM PERCHLORATE
 ... POTASSIUM PERCHLORATES
 ... FLUORINE COMPOUNDS
 ... FLUORIDES
 ... ANTIMONY FLUORIDES
 ... BARIUM FLUORIDES
 ... BORON FLUORIDES
 ... CHLORINE FLUORIDES
 ... COMPOUND A
 ... CRYOLITE
 ... DIFLUORIDES
 ... CALCIUM FLUORIDES
 ... FLUORSPAR
 ... HYDROFLUORIC ACID
 ... METAL FLUORIDES
 ... ALUMINUM FLUORIDES
 ... BERYLLIUM FLUORIDES
 ... CADMIUM FLUORIDES
 ... CALCIUM FLUORIDES
 ... CESIUM FLUORIDES
 ... CHROMIUM FLUORIDES
 ... COBALT FLUORIDES
 ... COPPER FLUORIDES
 ... LANTHANUM FLUORIDES
 ... LITHIUM FLUORIDES
 ... MAGNESIUM FLUORIDES
 ... NICKEL FLUORIDES
 ... PLUTONIUM FLUORIDES
 ... PROTACTINIUM FLUORIDES
 ... SODIUM FLUORIDES
 ... STRONTIUM FLUORIDES
 ... THORIUM FLUORIDES
 ... TUNGSTEN FLUORIDES
 ... URANIUM FLUORIDES
 ... ZINC FLUORIDES
 ... NITROGEN FLUORIDES
 ... OXYFLUORIDES
 ... OXYGEN FLUORIDES
 ... OZONE FLUORIDE
 ... PERCHLORYL FLUORIDES
 ... SULFUR FLUORIDES
 ... TECHNETIUM FLUORIDES
 ... FLUORITE
 ... FLUORO COMPOUNDS
 ... CRYOLITE
 ... DIFLUORO COMPOUNDS

HALOGEN COMPOUNDS-(CONT.)

... PERFLUOROALKANE
 ... POLYTETRAFLUOROETHYLENE
 ... FLUORINE ORGANIC COMPOUNDS
 ... FLUOROAMINES
 ... NITROFLUORAMINES
 ... TRIFLUOROAMINE OXIDE
 ... FLUOROCARBONS
 ... FLUOROHYDROCARBONS
 ... CARBON TETRAFLUORIDE
 ... FLUOROPOLYMERS
 ... KEL-F
 ... PERFLUOROALKANE
 ... PERFLUOROGUANIDINE
 ... HALIDES
 ... BROMIDES
 ... AMMONIUM BROMIDES
 ... ARECOLINE HYDROBROMIDE
 ... CESIUM BROMIDES
 ... CHROMIUM BROMIDES
 ... DIBROMIDES
 ... HYDROBROMIC ACID
 ... HYDROBROMIDES
 ... MAGNESIUM BROMIDES
 ... POTASSIUM BROMIDES
 ... SILVER BROMIDES
 ... SODIUM BROMIDES
 ... STRONTIUM BROMIDES
 ... CHLORIDES
 ... ALUMINUM CHLORIDES
 ... AMMONIUM CHLORIDES
 ... BERYLLIUM CHLORIDES
 ... BORON CHLORIDES
 ... CADMIUM CHLORIDES
 ... CALCIUM CHLORIDES
 ... CARBON TETRACHLORIDE
 ... COPPER CHLORIDES
 ... DICHLORIDES
 ... GERMANIUM CHLORIDES
 ... HYDROCHLORIDES
 ... HYDROGEN CHLORIDES
 ... HYDROCHLORIC ACID
 ... IRON CHLORIDES
 ... LANTHANUM CHLORIDES
 ... LEAD CHLORIDES
 ... LITHIUM CHLORIDES
 ... MAGNESIUM CHLORIDES
 ... NITROSYL CHLORIDES
 ... NITROXYCHLORIDES
 ... NITRYL CHLORIDES
 ... PHOSGENE
 ... POTASSIUM CHLORIDES
 ... SILICON TETRACHLORIDE
 ... SILVER CHLORIDES
 ... SODIUM CHLORIDES
 ... SULFUR CHLORIDES
 ... TETRACHLORIDES
 ... TITANIUM CHLORIDES
 ... TUNGSTEN CHLORIDES
 ... ZINC CHLORIDES
 ... FLUORIDES
 ... ANTIMONY FLUORIDES
 ... BARIUM FLUORIDES
 ... BORON FLUORIDES
 ... CHLORINE FLUORIDES
 ... DIFLUORIDES
 ... CALCIUM FLUORIDES
 ... FLUORSPAR
 ... HYDROFLUORIC ACID
 ... NITROGEN FLUORIDES
 ... OXYFLUORIDES
 ... OXYGEN FLUORIDES
 ... OZONE FLUORIDE
 ... PERCHLORYL FLUORIDES
 ... SULFUR FLUORIDES
 ... TECHNETIUM FLUORIDES
 ... METAL HALIDES
 ... ALKALI HALIDES
 ... CESIUM HALIDES
 ... CESIUM BROMIDES
 ... CESIUM FLUORIDES
 ... CESIUM IODIDES
 ... POTASSIUM IODIDES
 ... SODIUM BROMIDES
 ... SODIUM CHLORIDES
 ... SODIUM FLUORIDES
 ... SODIUM IODIDES
 ... ALUMINUM CHLORIDES
 ... ALUMINUM FLUORIDES
 ... BARIUM FLUORIDES
 ... BERYLLIUM CHLORIDES
 ... BERYLLIUM FLUORIDES
 ... CADMIUM CHLORIDES
 ... CADMIUM FLUORIDES
 ... CALCIUM CHLORIDES
 ... CALCIUM FLUORIDES

HALOGEN COMPOUNDS-(CONT.)

... FLUORSPAR
 ... CHROMIUM BROMIDES
 ... CHROMIUM FLUORIDES
 ... COBALT FLUORIDES
 ... COPPER CHLORIDES
 ... COPPER FLUORIDES
 ... HAFNIUM IODIDES
 ... IRON CHLORIDES
 ... LANTHANUM CHLORIDES
 ... LANTHANUM FLUORIDES
 ... LEAD CHLORIDES
 ... LITHIUM CHLORIDES
 ... LITHIUM FLUORIDES
 ... MAGNESIUM BROMIDES
 ... MAGNESIUM FLUORIDES
 ... NICKEL FLUORIDES
 ... NIOBIUM IODIDES
 ... PLUTONIUM FLUORIDES
 ... POTASSIUM BROMIDES
 ... POTASSIUM FLUORIDES
 ... PROTACTINIUM FLUORIDES
 ... SILVER HALIDES
 ... SILVER BROMIDES
 ... SILVER CHLORIDES
 ... SILVER IODIDES
 ... STRONTIUM BROMIDES
 ... STRONTIUM FLUORIDES
 ... TECHNETIUM FLUORIDES
 ... THORIUM FLUORIDES
 ... TITANIUM CHLORIDES
 ... TUNGSTEN HALIDES
 ... TUNGSTEN CHLORIDES
 ... TUNGSTEN FLUORIDES
 ... URANIUM FLUORIDES
 ... ZINC CHLORIDES
 ... ZINC FLUORIDES
 ... ZIRCONIUM IODIDES
 ... OXYHALIDES
 ... HALOCARBONS
 ... FLUOROCARBONS
 ... IODINE COMPOUNDS
 ... IODATES
 ... LITHIUM IODATES
 ... IODIDES
 ... CESIUM IODIDES
 ... GALLAMINE TRIETHIODIDE
 ... HAFNIUM IODIDES
 ... NIOBIUM IODIDES
 ... POTASSIUM IODIDES
 ... SILVER IODIDES
 ... SODIUM IODIDES
 ... ZIRCONIUM IODIDES
 ... IODOACETIC ACID
 ... NITROSOLS
 ... NITROSYL CHLORIDES
 RT ∞CHEMICAL COMPOUNDS

HALOGEN OCCULTATION EXPERIMENT

UF HALOE
 GS PAYLOADS
 . SPACE SHUTTLE PAYLOADS
 . HALOGEN OCCULTATION
 EXPERIMENT
 RT OZONE

HALOGENATION

GS CHEMICAL REACTIONS
 . HALOGENATION
 . BROMINATION
 . CHLORINATION
 . FLUORINATION
 RT DEFLUORINATION
 HALOGENS

HALOGENS

GS CHEMICAL ELEMENTS
 . HALOGENS
 . ASTATINE
 . BROMINE
 . BROMINE ISOTOPES
 . CHLORINE
 . FLUORINE
 . FLUORINE ISOTOPES
 . IODINE
 . IODINE ISOTOPES
 . IODINE 125
 . IODINE 131
 . IODINE 132
 RT EXCIMER LASERS
 HALIDES
 HALOGENATION

HALOPHILES

RT AGRICULTURE

HALOPHILES-(CONT.)

PLANTS (BOTANY)

HALOS

- GS SCATTERING
 . WAVE SCATTERING
 . . ELECTROMAGNETIC SCATTERING
 . . . LIGHT SCATTERING
 **HALOS**
 TRANSMISSION
 . ELECTROMAGNETIC WAVE
 TRANSMISSION
 . . LIGHT TRANSMISSION
 . . . LIGHT SCATTERING
 **HALOS**
 . WAVE PROPAGATION
 . . LIGHT SCATTERING
 **HALOS**
 RT ATMOSPHERIC SCATTERING
 CORONAS
 HAZE
 IMAGES
 RAINBOWS

HALPHEN METHOD

RT ∞ METHODOLOGY

HAMBURGER AIRCRAFT

- GS **HAMBURGER AIRCRAFT**
 . C-160 AIRCRAFT
 . HFB-320 AIRCRAFT
 RT ∞ AIRCRAFT

HAMBURGER HFB-320 AIRCRAFT

USE HFB-320 AIRCRAFT

HAMILTON-JACOBI EQUATION

- RT ∞ EQUATIONS
 EQUATIONS OF MOTION
 HAMILTONIAN FUNCTIONS
 RELATIVISTIC PARTICLES

HAMILTONIAN FUNCTIONS

- GS FUNCTIONS (MATHEMATICS)
 . **HAMILTONIAN FUNCTIONS**
 RT CLASSICAL MECHANICS
 ∞ DYNAMICS
 HAMILTON-JACOBI EQUATION
 QUANTUM THEORY
 VON ZEIPPEL METHOD

HAMMERHEAD CONFIGURATION

- RT FOREBODIES
 MISSILE CONFIGURATIONS

HAMMERS

- GS **HAMMERS**
 . ELECTROMAGNETIC HAMMERS
 RT IMPACTORS
 PRESSES
 RAMS (PRESSES)
 TOOLS

HAMSTERS

- GS ANIMALS
 . VERTEBRATES
 . . MAMMALS
 . . . RODENTS
 **HAMSTERS**

HAND (ANATOMY)

- GS ANATOMY
 . LIMBS (ANATOMY)
 . . **HAND (ANATOMY)**
 APPENDAGES
 . **HAND (ANATOMY)**
 RT FINGERS
 WRIST

HANDBOOKS

- GS DOCUMENTS
 . **HANDBOOKS**
 . . USER MANUALS (COMPUTER PROGRAMS)
 RT BIBLIOGRAPHIES
 INDEXES (DOCUMENTATION)
 MANUALS
 SUBJECTS
 TEXTBOOKS
 TRAINING ANALYSIS

HANDEDNESS

RT LATERAL STABILITY

HANDICAPS

- RT FRUSTRATION
 ∞ INHIBITION
 WHEELCHAIRS

HANDLES

- RT KNOBS
 LEVERS
 MANUAL CONTROL

HANDLEY PAGE AIRCRAFT

- GS **HANDLEY PAGE AIRCRAFT**
 . HP-115 AIRCRAFT
 . VICTOR MK-1 AIRCRAFT
 RT ∞ AIRCRAFT

HANDLEY PAGE HP-115 AIRCRAFT

USE HP-115 AIRCRAFT

HANDLING EQUIPMENT

- GS **HANDLING EQUIPMENT**
 . CRANES
 . . GANTRY CRANES
 RT CRAWLER TRACTORS
 ∞ EQUIPMENT
 GROUND SUPPORT EQUIPMENT
 HARBORS
 LOCOMOTIVES
 PROPELLANT STORAGE
 ∞ STORAGE
 TRACTORS
 TRANSPORTATION

HANDLING QUALITIES

USE CONTROLLABILITY

HANDWRITING

- GS **HANDWRITING**
 . GRAPHOLOGY
 RT CHARACTER RECOGNITION
 ORTHOGRAPHY

HANFORD REACTORS

- GS NUCLEAR REACTORS
 . **HANFORD REACTORS**
 RT REACTOR DESIGN
 REACTOR PHYSICS
 REACTOR TECHNOLOGY

HANG GLIDERS

- GS GLIDERS
 . **HANG GLIDERS**
 RT ∞ AIRCRAFT
 FLEXIBLE WINGS
 FREE FLIGHT
 PARAWINGS
 SAILWINGS
 SOARING
 ∞ WINGED VEHICLES

HANGARS

- RT AIRFIELD SURFACE MOVEMENTS
 AIRPORTS
 ∞ BUILDINGS
 GROUND HANDLING
 GROUND STATIONS
 HELIPORTS
 MILITARY AIR FACILITIES

HANKEL FUNCTIONS

- GS ANALYSIS (MATHEMATICS)
 . COMPLEX VARIABLES
 . . BESSEL FUNCTIONS
 . . . **HANKEL FUNCTIONS**
 . . . REAL VARIABLES
 . . . BESSEL FUNCTIONS
 . . . **HANKEL FUNCTIONS**
 FUNCTIONS (MATHEMATICS)
 . **HANKEL FUNCTIONS**
 RT BOUNDARY VALUE PROBLEMS
 DIFFERENTIAL EQUATIONS
 ORTHOGONAL FUNCTIONS

HANSEN LUNAR THEORY

- RT EARTH ORBITS
 ORBITAL MECHANICS
 PERTURBATION THEORY
 ∞ THEORIES

HANSEN'S DISEASE

- UF LEPROSY
 GS DISEASES
 . INFECTIOUS DISEASES
 . . **HANSEN'S DISEASE**

HAPLOSOPES

- GS MEASURING INSTRUMENTS
 . OPTICAL MEASURING INSTRUMENTS
 . . **HAPLOSOPES**
 RT ASTIGMATISM
 BINOCULAR VISION
 EYE EXAMINATIONS
 ∞ INSTRUMENTS
 OPTOMETRY

HARBORS

- GS WATERWAYS
 . **HARBORS**
 . . ARTIFICIAL HARBORS
 RT BOATS
 BREAKWATERS
 CARGO
 ESTUARIES
 FREIGHTERS
 HANDLING EQUIPMENT
 MARINE TRANSPORTATION
 OCEANOGRAPHY
 ∞ PORTS
 REGIONAL PLANNING
 SHIP TERMINALS
 SHIPS
 TANKER SHIPS
 TERMINAL FACILITIES
 TRAFFIC
 ∞ TRAVEL
 WATER VEHICLES
 WHARVES

HARD LANDING

- GS LANDING
 . **HARD LANDING**
 RT AIRCRAFT LANDING
 CRASH LANDING
 LUNAR LANDING
 PLANETARY LANDING
 SOFT LANDING
 SPACECRAFT LANDING
 WATER LANDING

HARDENERS

- RT ALLOYS
 HARDENING (MATERIALS)
 HEAT TREATMENT

∞ HARDENING

- SN (USE OF A MORE SPECIFIC TERM IS
 RECOMMENDED--CONSULT THE TERMS
 LISTED BELOW)
 RT HARDENING (MATERIALS)
 HARDENING (SYSTEMS)

HARDENING (MATERIALS)

- UF METAL HARDENING
 GS **HARDENING (MATERIALS)**
 . CARBURIZING
 . COLD HARDENING
 . HOT PRESSING
 . NITRIDING
 . PRECIPITATION HARDENING
 . . MARAGING
 . PULSE HEATING
 . SHOT PEENING
 . SILICONIZING
 . WORK HARDENING
 . . STRAIN HARDENING
 RT AGING (MATERIALS)
 AGING (METALLURGY)
 ANNEALING
 COAGULATION
 HARDENERS
 ∞ HARDENING
 HEAT TREATMENT
 MARTENSITE
 METAL WORKING
 ∞ METALLURGY
 MICROSTRUCTURE
 NORMALIZING (HEAT TREATMENT)
 PEENING
 QUENCHING (COOLING)
 ∞ SETTING
 SOFTENING
 TEMPERING

HARDENING (SYSTEMS)

- SN (TECHNIQUES FOR DECREASING THE
 SUSCEPTIBILITY OR VULNERABILITY OF
 WEAPON SYSTEMS AND COMPONENTS)
 RT ∞ HARDENING
 MISSILE DEFENSE
 NUCLEAR WARFARE

HARDNESS

HARDNESS

GS MECHANICAL PROPERTIES
 . HARDNESS
 . . KNOOP HARDNESS
 . . MICROHARDNESS
 . . ROCKWELL HARDNESS
 RT ABRASION RESISTANCE
 BRITTLE MATERIALS
 BRITTLENESS
 CHARPY IMPACT TEST
 COLD HARDENING
 DUCTILITY
 FATIGUE (MATERIALS)
 FRACTURE STRENGTH
 IMPACT STRENGTH
 INDENTATION
 NOTCH TESTS
 PLASTIC PROPERTIES
 SOFTNESS
 SURFACE PROPERTIES
 TEMPER (METALLURGY)
 TOUGHNESS
 WEAR

HARDNESS TESTS

RT COMPRESSION TESTS
 HIGH TEMPERATURE TESTS
 IMPACT TESTS
 KNOOP HARDNESS
 LOW TEMPERATURE TESTS
 ∞ MATERIALS TESTS
 NONDESTRUCTIVE TESTS
 STATIC TESTS
 ∞ TESTS
 WEAR TESTS

HARDWARE

RT COMPUTERS
 ELECTRONIC MODULES
 ∞ EQUIPMENT
 FIXTURES
 TOOLS

HARDWARE UTILIZATION LISTS

UF HUL
 GS LISTS
 . HARDWARE UTILIZATION LISTS
 RT ∞ CATALOGS
 DOCUMENTS

HARLETON METEORITE

GS CELESTIAL BODIES
 . METEORITES
 . . HARLETON METEORITE
 RT IRON METEORITES
 STONY METEORITES

HARMONIC ANALYSIS

GS ANALYSIS (MATHEMATICS)
 . FUNCTIONAL ANALYSIS
 . . HARMONIC ANALYSIS
 . . . TESSERAL HARMONICS
 . . . ZONAL HARMONICS
 RT BANACH SPACE
 FORM FACTORS
 FOURIER ANALYSIS
 FREQUENCY ANALYZERS
 MICROWAVE RESONANCE

HARMONIC EXCITATION

GS EXCITATION
 . WAVE EXCITATION
 . . HARMONIC EXCITATION
 HARMONICS
 . HARMONIC EXCITATION
 RT ACOUSTICS
 FOURIER ANALYSIS
 SIMPLE HARMONIC MOTION

HARMONIC FUNCTIONS

GS ANALYSIS (MATHEMATICS)
 . COMPLEX VARIABLES
 . . HARMONIC FUNCTIONS
 FUNCTIONS (MATHEMATICS)
 . HARMONIC FUNCTIONS
 RT AIRY FUNCTION
 FOURIER ANALYSIS
 LAPLACE EQUATION
 MAXIMUM PRINCIPLE

HARMONIC GENERATIONS

GS HARMONICS
 . HARMONIC GENERATIONS
 RT ACOUSTICS
 CARRIER FREQUENCIES

HARMONIC GENERATIONS-(CONT.)

FOURIER ANALYSIS
 PHASE MATCHING
 WAVE GENERATION

HARMONIC GENERATORS

RT COMPARATORS
 FREQUENCY CONVERTERS
 ∞ GENERATORS
 HARMONICS
 OSCILLATORS
 SUBHARMONIC GENERATORS

HARMONIC MOTION

GS HARMONIC MOTION
 . SIMPLE HARMONIC MOTION
 RT GROUP VELOCITY
 ∞ MOTION

HARMONIC OSCILLATION

GS HARMONICS
 . HARMONIC OSCILLATION
 OSCILLATIONS
 . HARMONIC OSCILLATION
 RT ACOUSTICS
 FOURIER ANALYSIS
 TRANSVERSE OSCILLATION

HARMONIC OSCILLATORS

GS OSCILLATORS
 . HARMONIC OSCILLATORS
 RT HARMONICS
 MECHANICAL OSCILLATORS
 SUBHARMONIC GENERATORS

HARMONIC RADIATION

RT ELECTROMAGNETIC RADIATION
 ∞ RADIATION

HARMONICS

UF OVERTONES
 GS HARMONICS
 . HARMONIC EXCITATION
 . HARMONIC GENERATIONS
 . HARMONIC OSCILLATION
 . SIMPLE HARMONIC MOTION
 . SPHERICAL HARMONICS
 . SUPERHARMONICS
 . TESSERAL HARMONICS
 . ZONAL HARMONICS
 RT ACOUSTICS
 CYCLES
 FOURIER ANALYSIS
 FREQUENCIES
 HARMONIC GENERATORS
 HARMONIC OSCILLATORS
 NODES (STANDING WAVES)
 RESONANT FREQUENCIES
 SOUND-SOUND INTERACTIONS
 STANDING WAVES
 SUBAUDIBLE FREQUENCIES
 SUBHARMONIC GENERATORS
 VIBRATION
 WAVELENGTHS

HARNESSES

RT COUCHES
 SAFETY DEVICES
 SEAT BELTS
 SEATS
 TRANSMISSION LINES

HARPOON MISSILE

GS MISSILES
 . AIR TO SURFACE MISSILES
 . . HARPOON MISSILE
 RT SURFACE TO SURFACE MISSILES
 WEAPON SYSTEMS

HARRIER AIRCRAFT

UF AV-8A AIRCRAFT
 GS HAWKER SIDDELEY AIRCRAFT
 . HARRIER AIRCRAFT
 RT BUCCANEER AIRCRAFT
 ∞ MILITARY AIRCRAFT
 P-1127 AIRCRAFT
 SAAB 37 AIRCRAFT
 VAMPIRE MK 35 AIRCRAFT
 VULCAN AIRCRAFT

HARTMANN FLOW

GS FLUID FLOW
 . LAMINAR FLOW
 . . HARTMANN FLOW

NASA THESAURUS (VOLUME 1)

HARTMANN FLOW-(CONT.)

. STEADY FLOW
 . . HARTMANN FLOW
 RT COUETTE FLOW
 MAGNETOHYDRODYNAMIC FLOW
 MAGNETOHYDRODYNAMICS
 TWO DIMENSIONAL FLOW

HARTMANN NUMBER

GS RATIOS
 . DIMENSIONLESS NUMBERS
 . . HARTMANN NUMBER
 RT MAGNETOHYDRODYNAMICS
 VISCOUS DRAG

HARTREE APPROXIMATION

UF HARTREE-APPLETON APPROXIMATION
 HARTREE-FOCK APPROXIMATION
 GS ANALYSIS (MATHEMATICS)
 . NUMERICAL ANALYSIS
 . . APPROXIMATION
 . . . HARTREE APPROXIMATION
 RT ATOMIC STRUCTURE
 MANY BODY PROBLEM
 PERTURBATION THEORY
 SELF CONSISTENT FIELDS
 WAVE FUNCTIONS

HARTREE-APPLETON APPROXIMATION

USE HARTREE APPROXIMATION

HARTREE-FOCK APPROXIMATION

USE HARTREE APPROXIMATION

HARTREE-FOCK-SLATER METHOD

RT ATOMIC PHYSICS
 ELECTRON ENERGY
 ∞ METHODOLOGY
 SLATER ORBITALS

HARVARD RADIO METEOR PROJECT

GS PROGRAMS
 . PROJECTS
 . . HARVARD RADIO METEOR PROJECT
 RT RADIO ECHOES

HASTELLOY (TRADEMARK)

GS ALLOYS
 . NICKEL ALLOYS
 . . HASTELLOY (TRADEMARK)
 RT IRON ALLOYS
 MOLYBDENUM ALLOYS

HATCHES

RT AIR LOCKS
 DOORS
 EGRESS
 GATES (OPENINGS)
 INGRESS (SPACECRAFT PASSAGEWAY)

HAULING

RT CARGO
 DELIVERY
 MATERIALS HANDLING
 PACKAGING
 TRANSPORTATION
 TRANSPORTATION ENERGY
 TRUCKS

HAWAII

GS LANDFORMS
 . ISLANDS
 . . HAWAII
 UNITED STATES OF AMERICA
 . HAWAII

HAWK MISSILE

GS MISSILES
 . SURFACE TO AIR MISSILES
 . . HAWK MISSILE
 RT SOLID PROPELLANT ROCKET ENGINES

HAWKER HUNTER AIRCRAFT

USE F-2 AIRCRAFT

HAWKER P-1052 AIRCRAFT

USE P-1052 AIRCRAFT

HAWKER P-1127 AIRCRAFT

USE P-1127 AIRCRAFT

HAWKER P-1154 AIRCRAFT

USE P-1154 AIRCRAFT

HAWKER SIDDELEY AIRCRAFT
 GS **HAWKER SIDDELEY AIRCRAFT**
 . ARGOSY MK-1 AIRCRAFT
 . AVRO 707 AIRCRAFT
 . AW 650 AIRCRAFT
 . BUCCANEER AIRCRAFT
 . COMET 4 AIRCRAFT
 . DH 108 AIRCRAFT
 . DH 110 AIRCRAFT
 . DH 112 AIRCRAFT
 . DH 115 AIRCRAFT
 . DH 121 AIRCRAFT
 . DH 125 AIRCRAFT
 . F-2 AIRCRAFT
 . GA-5 AIRCRAFT
 . HARRIER AIRCRAFT
 . HS-748 AIRCRAFT
 . HS-801 AIRCRAFT
 . P-1052 AIRCRAFT
 . P-1127 AIRCRAFT
 . P-1154 AIRCRAFT
 . SHACKLETON BOMBER
 . VAMPIRE MK 35 AIRCRAFT
 . VULCAN AIRCRAFT
 RT ∞ AIRCRAFT

HAWKEYE AIRCRAFT
 USE E-2 AIRCRAFT

HAWKEYE SATELLITES
 GS SATELLITES
 . ARTIFICIAL SATELLITES
 . **HAWKEYE SATELLITES**
 . EARTH SATELLITES
 . **HAWKEYE SATELLITES**
 . SCIENTIFIC SATELLITES
 . **HAWKEYE SATELLITES**

HAWKEYE 1 SATELLITE
 USE EXPLORER 52 SATELLITE

HAY
 GS FARM CROPS
 . **HAY**
 . PLANTS (BOTANY)
 . GRASSES
 . **HAY**
 RT AGRICULTURE
 . BOTANY
 . EARTH RESOURCES
 . FARMLANDS
 ∞ FOOD
 . GRASSLANDS
 . LEGUMINOUS PLANTS

HAYNES STELLITE
 USE STELLITE (TRADEMARK)

HAZARDS
 UF DANGER
 . NOISE HAZARDS
 GS **HAZARDS**
 . AIRCRAFT HAZARDS
 . FLIGHT HAZARDS
 . . METEOROID HAZARDS
 . OPERATIONAL HAZARDS
 . RADIATION HAZARDS
 . TOXIC HAZARDS
 RT ACCIDENT PREVENTION
 . ACCIDENTS
 . AIRCRAFT SPIN
 . AVOIDANCE
 . CRASH INJURIES
 ∞ DETECTORS
 . EXPLOSIONS
 . FIRES
 . FLAMMABLE GASES
 . INCOMPATIBILITY
 . INJURIES
 . LOW VISIBILITY
 . NOISE TOLERANCE
 . PROTECTION
 . RISK
 . SABOTAGE
 . SAFETY
 . SAFETY DEVICES
 . SAFETY FACTORS
 . SAFETY MANAGEMENT
 . SPONTANEOUS COMBUSTION
 . TOXICOLOGY
 . WARNING SYSTEMS

HAZE
 RT AIR POLLUTION
 . ATMOSPHERIC OPTICS

HAZE-(CONT.)
 CLARITY
 FOG
 HALOS
 LIGHT TRANSMISSION
 LOW VISIBILITY
 MIST
 OPACITY
 OPTICAL PROPERTIES
 TRANSPARENCE
 TURBIDITY
 VISIBILITY

HAZE DETECTION
 GS DETECTION
 . **HAZE DETECTION**
 RT FOG
 . FOREST FIRE DETECTION
 . FUMES
 . GAS DETECTORS
 . MIST
 . REMOTE SENSORS
 . SMOKE
 . VAPORS

HBNQ
 USE NITROGUANIDINE

HBWR REACTOR
 USE HALDEN BOILING WATER REACTOR

HC-1 HELICOPTER
 USE CH-47 HELICOPTER

HC-3 HELICOPTER
 UF OMNIPOL HC-3 HELICOPTER
 GS GENERAL AVIATION AIRCRAFT
 . **HC-3 HELICOPTER**
 . OMNIPOL AIRCRAFT
 . **HC-3 HELICOPTER**
 . TRANSPORT AIRCRAFT
 . **HC-3 HELICOPTER**
 . UTILITY AIRCRAFT
 . **HC-3 HELICOPTER**
 . V/STOL AIRCRAFT
 . ROTARY WING AIRCRAFT
 . . HELICOPTERS
 . **HC-3 HELICOPTER**
 RT PASSENGER AIRCRAFT

HCL ARGON LASERS
 GS STIMULATED EMISSION DEVICES
 . LASERS
 . . GAS LASERS
 . . . HCL LASERS
 HCL ARGON LASERS

HCL LASERS
 GS STIMULATED EMISSION DEVICES
 . LASERS
 . . CHEMICAL LASERS
 . . . HCL LASERS
 . . . GAS LASERS
 . . . HCL LASERS
 HCL ARGON LASERS

HCMM
 USE HEAT CAPACITY MAPPING MISSION

HCN LASERS
 GS STIMULATED EMISSION DEVICES
 . LASERS
 . . GAS LASERS
 . . . HCN LASERS
 RT CHEMICAL LASERS
 . COHERENT LIGHT
 . HYDROCYANIC ACID
 . LIGHT AMPLIFIERS
 . LIGHT SOURCES
 . OPTICAL PUMPING
 . STIMULATED EMISSION

HD-1 GROUND EFFECT MACHINES
 USE HOVERCRAFT GROUND EFFECT MACHINES

HE-211 AIRCRAFT
 UF HEINKEL HE-211 AIRCRAFT
 GS COMMERCIAL AIRCRAFT
 . **HE-211 AIRCRAFT**
 . HEINKEL AIRCRAFT
 . **HE-211 AIRCRAFT**
 . JET AIRCRAFT
 . TURBOFAN AIRCRAFT

HE-211 AIRCRAFT-(CONT.)
 . HE-211 AIRCRAFT
 . MONOPLANES
 . HE-211 AIRCRAFT
 . PASSENGER AIRCRAFT
 . HE-211 AIRCRAFT

HEAD (ANATOMY)
 GS ANATOMY
 . **HEAD (ANATOMY)**
 . . OCCIPITAL LOBES
 . . SKULL
 . . . CRANIUM
 INTRACRANIAL CAVITY
 RT BRAIN
 . EYE (ANATOMY)
 . FACE (ANATOMY)
 . FOREHEAD
 . LIPS (ANATOMY)
 . NOSE (ANATOMY)
 . SENSE ORGANS

HEAD (FLUID MECHANICS)
 RT ELEVATION
 . FLUID FLOW
 . GEOPOTENTIAL HEIGHT
 . HYDROSTATIC PRESSURE
 . HYDROSTATICS
 . LIQUID FLOW
 . PRESSURE
 . SCALE HEIGHT

HEAD (PRESSURE)
 USE PRESSURE HEADS

HEAD FLOW
 GS FLUID FLOW
 . **HEAD FLOW**
 RT BASE FLOW
 . BLASIUS FLOW
 . INLET FLOW
 . LIQUID FLOW
 ∞ PRESSURE DROP

HEAD MOVEMENT
 RT ∞ MOTION

HEAD-UP DISPLAYS
 GS DISPLAY DEVICES
 . **HEAD-UP DISPLAYS**
 RT AVIONICS
 . CONSOLES
 . FLIGHT INSTRUMENTS
 . IMAGE TUBES
 . INDICATING INSTRUMENTS
 . LANDING AIDS
 . NAVIGATION AIDS
 . POSITION INDICATORS
 . SPACECRAFT POSITION INDICATORS
 . WARNING SYSTEMS

HEADACHE
 UF CEPHALALGIA
 GS DISEASES
 . **HEADACHE**
 . SIGNS AND SYMPTOMS
 . **HEADACHE**

∞ **HEADERS**
 SN (USE OF A MORE SPECIFIC TERM IS
 . RECOMMENDED-CONSULT THE TERMS
 . LISTED BELOW)
 RT BEAMS (SUPPORTS)
 . CHASSIS
 . HERMETIC SEALS
 . PIPES (TUBES)
 . SUPPORTS
 ∞ TERMINALS

HEADSETS
 USE EARPHONES

HEALING
 GS **HEALING**
 . WOUND HEALING
 RT CLINICAL MEDICINE
 . CURES
 . THERAPY

HEALTH
 GS **HEALTH**
 . HEALTH PHYSICS
 . . PUBLIC HEALTH
 . MENTAL HEALTH

HEALTH PHYSICS

HEALTH-(CONT.)

RT CHRONIC CONDITIONS
CLINICAL MEDICINE
HYGIENE
ORAL HYGIENE
PSYCHOTHERAPY
SANITATION

HEALTH PHYSICS

GS BIOPHYSICS
HEALTH PHYSICS
PUBLIC HEALTH
HEALTH
HEALTH PHYSICS
PUBLIC HEALTH
RT FLUENCE
INDUSTRIAL SAFETY
NUCLEAR PHYSICS
NUCLEAR RADIATION
PHYSICS
RADIATION DETECTORS
RADIATION DOSAGE
RADIATION EFFECTS
RADIATION HAZARDS
RADIATION INJURIES
RADIATION MEASURING INSTRUMENTS
RADIATION MEDICINE
RADIATION PROTECTION
RADIATION SICKNESS
RADIOBIOLOGY
SAFETY FACTORS

HEALTH PHYSICS RESEARCH REACTOR

UF HPRR
GS NUCLEAR REACTORS
NUCLEAR RESEARCH AND TEST
REACTORS
HEALTH PHYSICS RESEARCH
REACTOR

HEALTH-EDUCATION TELECOMMUNICATIONS EXP

USE HET EXPERIMENT

HEAO

UF HIGH ENERGY ASTRONOMY
OBSERVATORIES
GS OBSERVATORIES
ASTRONOMICAL OBSERVATORIES
HEAO
HEAO 1
HEAO 2
HEAO 3
RT OAO

HEAO A

USE HEAO 1

HEAO B

USE HEAO 2

HEAO C

USE HEAO 3

HEAO 1

UF HEAO A
HIGH ENERGY ASTRONOMY
OBSERVATORY A
HIGH ENERGY ASTRONOMY
OBSERVATORY 1
GS OBSERVATORIES
ASTRONOMICAL OBSERVATORIES
HEAO
HEAO 1
SATELLITES
ARTIFICIAL SATELLITES
HEAO 1
EARTH SATELLITES
HEAO 1
UNMANNED SPACECRAFT
HEAO 1
RT OAO

HEAO 2

UF HEAO B
HIGH ENERGY ASTRONOMY
OBSERVATORY B
HIGH ENERGY ASTRONOMY
OBSERVATORY 2
GS OBSERVATORIES
ASTRONOMICAL OBSERVATORIES
HEAO
HEAO 2
SATELLITES
ARTIFICIAL SATELLITES

HEAO 2-(CONT.)

HEAO 2
EARTH SATELLITES
HEAO 2
UNMANNED SPACECRAFT
HEAO 2
RT OAO

HEAO 3

UF HEAO C
HIGH ENERGY ASTRONOMY
OBSERVATORY C
HIGH ENERGY ASTRONOMY
OBSERVATORY 3
GS OBSERVATORIES
ASTRONOMICAL OBSERVATORIES
HEAO
HEAO 3
SATELLITES
ARTIFICIAL SATELLITES
HEAO 3
EARTH SATELLITES
HEAO 3
UNMANNED SPACECRAFT
HEAO 3
RT OAO

HEARING

GS HEARING
ACOUSTIC FATIGUE
BINAURAL HEARING
RT AUDIOLOGY
AUDIOMETRY
AUDITORY FATIGUE
AUDITORY TASKS
EAR
THRESHOLDS (PERCEPTION)

HEARING LOSS

USE AUDITORY DEFECTS

HEART

GS ANATOMY
CARDIOVASCULAR SYSTEM
HEART
CARDIAC AURICLES
CARDIAC VENTRICLES
EPICARDIUM
MYOCARDIUM
RT AORTA
ARTIFICIAL CARDIAC PACEMAKER
ARTIFICIAL HEART VALVES
BLOOD
BLOOD PUMPS
CARDIOGRAMS
CARDIOGRAPHY
CARDIOLOGY
CARDIOTACHOMETERS
CIRCULATORY SYSTEM
CORONARY CIRCULATION
DIASTOLE
PHONOCARDIOGRAPHY

HEART DISEASES

GS DISEASES
HEART DISEASES
ANGINA PECTORIS
CORONARY ARTERY DISEASE
RT BRADYCARDIA
CARDIOGRAPHY
CARDIOLOGY
ECHOCARDIOGRAPHY
ELECTROCARDIOGRAPHY
FAT EMBOLISMS
FIBRILLATION
HIS BUNDLE
MYOCARDIAL INFARCTION
PHONOCARDIOGRAPHY

HEART FUNCTION

GS HEART FUNCTION
HEART MINUTE VOLUME
RT ANGINA PECTORIS
CYANOSIS
ECHOCARDIOGRAPHY
HIS BUNDLE

HEART IMPLANTATION

GS IMPLANTATION
HEART IMPLANTATION
RT ARTIFICIAL HEART VALVES
BIOTECHNOLOGY
BLOOD CIRCULATION
CIRCULATION
PULMONARY CIRCULATION

NASA THESAURUS (VOLUME 1)

HEART IMPLANTATION-(CONT.)

SURGERY
TRANSPLANTATION

HEART MINUTE VOLUME

GS HEART FUNCTION
HEART MINUTE VOLUME
RT SPIROMETERS

HEART RATE

GS RATES (PER TIME)
HEART RATE
ARRHYTHMIA
BRADYCARDIA
SYSTOLE
TACHYCARDIA
RT ANGINA PECTORIS
BIOMEDICAL DATA
CARDIOLOGY
DIASTOLE
EPINEPHRINE
HERING-BREVER REFLEX
SPHYGMOGRAPHY

HEART VALVES

GS VALVES
HEART VALVES
RT CORONARY CIRCULATION

HEARTHS

RT FURNACES
REFRACTORIES

HEAT

GS HEAT
DRY HEAT
HEAT OF DISSOCIATION
NUCLEAR HEAT
PROCESS HEAT
RT ACTIVATION ENERGY
ENERGY
ENTHALPY
ENTROPY
HEAT OF FUSION
HEATING
HEATING EQUIPMENT
INFRARED RADIATION
TEMPERATURE
THERMAL ENERGY
THERMAL INSULATION
THERMAL RADIATION
THERMOCHEMISTRY
THERMODYNAMIC PROPERTIES
THERMODYNAMICS
WORK

HEAT ACCLIMATIZATION

GS ADAPTATION
ACCLIMATIZATION
HEAT ACCLIMATIZATION
RT BODY TEMPERATURE
COLD ACCLIMATIZATION
HIGH TEMPERATURE ENVIRONMENTS
HUMAN TOLERANCES
PERSPIRATION
PHYSIOLOGICAL EFFECTS

HEAT BALANCE

RT ATMOSPHERIC HEAT BUDGET
BALANCE
BOILERS
COMBUSTION
MATERIAL BALANCE
PYROMETALLURGY
THERMOCHEMICAL PROPERTIES
THERMOCHEMISTRY
THERMODYNAMIC PROPERTIES

HEAT BUDGET

GS ENERGY BUDGETS
HEAT BUDGET
ATMOSPHERIC HEAT BUDGET
RT BUDGETS
SPECIFIC HEAT

HEAT CAPACITY

USE SPECIFIC HEAT

HEAT CAPACITY MAPPING MISSION

UF HCMM
RT APPLICATIONS EXPLORER SATELLITES
GEOGRAPHY
MAPPING
MISSIONS

HEAT CAPACITY MAPPING MISSION-(CONT.)

PLANETARY MAPPING
THERMAL MAPPING

HEAT CONDUCTION

USE CONDUCTIVE HEAT TRANSFER

HEAT CONTENT

USE ENTHALPY

HEAT DISSIPATION

USE COOLING

HEAT DISSIPATION CHILLING

USE COOLING

HEAT EFFECTS

USE TEMPERATURE EFFECTS

HEAT EQUATIONS

USE THERMODYNAMICS

HEAT EXCHANGERS

GS **HEAT EXCHANGERS**

. TUBE HEAT EXCHANGERS

RT CONDENSERS (LIQUIFIERS)

COOLANTS

COOLING

COOLING FINNS

COOLING SYSTEMS

COUNTERFLOW

EVAPORATORS

EXCHANGERS

FINNED BODIES

GAS COOLING

GEOHERMAL ENERGY EXTRACTION

HEATING

HEATING EQUIPMENT

REGENERATIVE COOLING

REGENERATORS

SNAP

SNAP 1

SNAP 2

SNAP 8

SNAP 10A

SPACE COOLING (BUILDINGS)

SPACE POWER REACTORS

SPACE POWER UNIT REACTORS

WATER HEATING

HEAT FLOW

USE HEAT TRANSMISSION

HEAT FLUX

SN (HEAT ENERGY TRANSMISSION RATE)

GS RATES (PER TIME)

. FLUX (RATE)

. . . **HEAT FLUX**

RT FLUX DENSITY

SOLAR FLUX

HEAT GAIN

USE HEATING

HEAT GENERATION

SN (EXCLUDES BIOLOGICAL PRODUCTION

OF HEAT)

RT COGENERATION

COMBUSTION

DIRECT POWER GENERATORS

GENERATION

HEATING

HEATING EQUIPMENT

PROCESS HEAT

SOLID PROPELLANT COMBUSTION

HEAT ISLANDS

RT CITIES

CLIMATOLOGY

URBAN PLANNING

WEATHER MODIFICATION

HEAT MEASUREMENT

UF CALORIMETRY

RT BOLOMETERS

BOMB CALORIMETERS

CALORIMETERS

DROP CALORIMETERS

ENTHALPY

FLAME CALORIMETERS

MEASUREMENT

HEAT OF COMBUSTION

UF COMBUSTION HEAT

HEAT OF COMBUSTION-(CONT.)

GS

CHEMICAL PROPERTIES

. THERMOCHEMICAL PROPERTIES

. . . **HEAT OF COMBUSTION**

THERMODYNAMIC PROPERTIES

. THERMOCHEMICAL PROPERTIES

. . . **HEAT OF COMBUSTION**

RT

COMBUSTION PHYSICS

GUNS (ORDNANCE)

HEAT OF DISSOCIATION

GS

HEAT

. **HEAT OF DISSOCIATION**

RT

CHEMICAL EQUILIBRIUM

DISSOCIATION

EQULIBRIUM

REACTION KINETICS

THERMAL DISSOCIATION

THERMOCHEMISTRY

THERMODYNAMIC EQUILIBRIUM

HEAT OF FORMATION

UF

FORMATION HEAT

GS

CHEMICAL PROPERTIES

. THERMOCHEMICAL PROPERTIES

. . . **HEAT OF FORMATION**

THERMODYNAMIC PROPERTIES

. THERMOCHEMICAL PROPERTIES

. . . **HEAT OF FORMATION**

HEAT OF FUSION

UF

LATENT HEAT OF FUSION

GS

CHEMICAL PROPERTIES

. THERMOCHEMICAL PROPERTIES

. . . **HEAT OF FUSION**

THERMODYNAMIC PROPERTIES

. THERMOCHEMICAL PROPERTIES

. . . **HEAT OF FUSION**

THERMOPHYSICAL PROPERTIES

. . . **HEAT OF FUSION**

RT

ENTHALPY

FUSION (MELTING)

HEAT

MELTING

PHASE CHANGE MATERIALS

PHASE DIAGRAMS

PHASE TRANSFORMATIONS

SPECIFIC HEAT

THERMAL ENERGY

THERMOCHEMISTRY

THERMODYNAMICS

TRANSITION TEMPERATURE

HEAT OF SOLUTION

GS

CHEMICAL PROPERTIES

. **HEAT OF SOLUTION**

THERMODYNAMIC PROPERTIES

. THERMOPHYSICAL PROPERTIES

. . . SPECIFIC HEAT

. . . **HEAT OF SOLUTION**

RT

MOLECULAR ENERGY LEVELS

THERMAL ENERGY

THERMOCHEMISTRY

THERMODYNAMICS

HEAT OF VAPORIZATION

UF

VAPORIZATION HEAT

GS

CHEMICAL PROPERTIES

. THERMOCHEMICAL PROPERTIES

. . . **HEAT OF VAPORIZATION**

THERMODYNAMIC PROPERTIES

. THERMOCHEMICAL PROPERTIES

. . . **HEAT OF VAPORIZATION**

RT

VAPORIZING

HEAT PIPES

SN

(EXCLUDES PIPES AND TUBES USED

FOR THE TRANSMISSION OF HEATED

LIQUIDS OR GASES)

RT

GEOHERMAL ENERGY UTILIZATION

HEAT PUMPS

RT

AIR CONDITIONING

AIR CONDITIONING EQUIPMENT

CONDENSERS (LIQUIFIERS)

COOLING SYSTEMS

GEOHERMAL ENERGY EXTRACTION

HEATING EQUIPMENT

PUMPS

REFRIGERATING MACHINERY

RESIDENTIAL ENERGY

SPACE COOLING (BUILDINGS)

THERMOELECTRIC COOLING

HEAT RADIATORS

UF

CONDENSER RADIATORS

HEAT REJECTION DEVICES

GS

HEAT RADIATORS

. SPACECRAFT RADIATORS

RT

BLACK BODY RADIATION

COOLING

COOLING FINNS

COOLING SYSTEMS

HEATING EQUIPMENT

INSULATED STRUCTURES

RADIATIVE HEAT TRANSFER

RADIATORS

STEFAN-BOLTZMANN LAW

HEAT REGULATION

USE

TEMPERATURE CONTROL

HEAT REJECTION DEVICES

USE

HEAT RADIATORS

HEAT RESISTANCE

USE

THERMAL RESISTANCE

HEAT RESISTANT ALLOYS

UF

HIGH TEMPERATURE ALLOYS

SUPERALLOYS

GS

ALLOYS

. **HEAT RESISTANT ALLOYS**

. . . NIMONIC ALLOYS

. . . REFRACTORY METAL ALLOYS

. . . MOLYBDENUM ALLOYS

. . . RENE 41

. . . RENE 63

. . . RENE 77

. . . NIOBIUM ALLOYS

. . . OSMIUM ALLOYS

. . . RHENIUM ALLOYS

. . . TANTALUM ALLOYS

. . . TUNGSTEN ALLOYS

. . . UDIMET ALLOYS

. . . WASPALOY

RT

CERMETS

CHROMIUM ALLOYS

COBALT ALLOYS

NICKEL ALLOYS

REFRACTORY METALS

SUPERPLASTICITY

HEAT SHIELDING

UF

THERMAL SHIELDING

GS

SHIELDING

. **HEAT SHIELDING**

. . . REENTRY SHIELDING

. . . REUSABLE HEAT SHIELDING

RT

ABLATION

ABLATIVE MATERIALS

ABLATIVE NOSE CONES

COOLING

INFRARED SUPPRESSION

INSULATED STRUCTURES

LUDOX (TRADEMARK)

PYROLYTIC GRAPHITE

SOLAR REFLECTORS

SPACECRAFT SHIELDING

TEMPERATURE CONTROL

THERMAL CONTROL COATINGS

THERMAL INSULATION

THERMAL PROTECTION

HEAT SINKS

GS

SINKS

. **HEAT SINKS**

RT

ABLATIVE MATERIALS

ABSORBERS (MATERIALS)

COOLING SYSTEMS

ENDOTHERMIC REACTIONS

ENERGY ABSORPTION

REENTRY SHIELDING

REGENERATORS

THERMAL ABSORPTION

THERMAL INSULATION

HEAT SOURCES

UF

HYDRAULIC HEATING SOURCES

GS

HEAT SOURCES

. THERMAL RESOURCES

. . . GEOTHERMAL RESOURCES

. . . GEYSERS

RT

ENERGY SOURCES

ENERGY STORAGE

ENGINES

GEOTHERMAL TECHNOLOGY

LASER HEATING

LIGHT SOURCES

HEAT STORAGE

HEAT SOURCES-(CONT.)

- ∞ POWER SUPPLIES
- RADIATION SOURCES
- THERMODYNAMIC EFFICIENCY

HEAT STORAGE

- UF THERMAL ENERGY STORAGE
- GS ENERGY STORAGE
- RT **HEAT STORAGE**
- GEOTHERMAL ENERGY UTILIZATION
- PHASE CHANGE MATERIALS
- SOLAR HOUSES
- TROMBE WALLS

HEAT STROKE

- RT BODY TEMPERATURE
- HEAT TOLERANCE
- HOT WEATHER
- HYPERTHERMIA
- PHYSIOLOGICAL EFFECTS
- THERMAL COMFORT
- THERMAL ENVIRONMENTS

HEAT TESTS

- USE HIGH TEMPERATURE TESTS

HEAT TOLERANCE

- GS TOLERANCES (PHYSIOLOGY)
- HEAT TOLERANCE**
- RT BODY TEMPERATURE
- COLD TOLERANCE
- HEAT STROKE
- HUMAN TOLERANCES

HEAT TRANSFER

- SN (TRANSMISSION ACROSS AN INTERFACE)
- UF NONADIABATIC PROCESSES
- GS TRANSMISSION
- HEAT TRANSMISSION
- HEAT TRANSFER**
- ... AERODYNAMIC HEAT TRANSFER
- ... HYPERSONIC HEAT TRANSFER
- ... SUPERSONIC HEAT TRANSFER
- ... CONDUCTIVE HEAT TRANSFER
- ... CONVECTIVE HEAT TRANSFER
- ... LAMINAR HEAT TRANSFER
- ... RADIATIVE HEAT TRANSFER
- ... TURBULENT HEAT TRANSFER
- RT ADVECTION
- ATMOSPHERIC HEAT BUDGET
- BATHS
- BOILING
- BOUSSINESQ APPROXIMATION
- CHEMICAL ENGINEERING
- COMPRESSIBILITY EFFECTS
- ∞ CONDUCTION
- COOLING
- COUNTERFLOW
- CRYOGENIC COOLING
- DIFFUSE RADIATION
- DIMENSIONLESS NUMBERS
- ENERGY TRANSFER
- FILM BOILING
- FILM CONDENSATION
- FLAT PLATES
- FLUID BOUNDARIES
- FORCED CONVECTION
- GAS TRANSPORT
- GAS-LIQUID INTERACTIONS
- GAS-SOLID INTERFACES
- GEOTHERMAL ENERGY CONVERSION
- GEOTHERMAL TECHNOLOGY
- HEATING
- HOT SURFACES
- LEIDENFROST PHENOMENON
- LEWIS NUMBERS
- LIQUID-LIQUID INTERFACES
- LIQUID-SOLID INTERFACES
- LIQUID-VAPOR INTERFACES
- MASS TRANSFER
- MECHANICAL ENGINEERING
- METAL VAPORS
- NONADIABATIC CONDITIONS
- NONGRAY GAS
- NONISOTHERMAL PROCESSES
- NUCLEATE BOILING
- NUSSELT NUMBER
- PECLET NUMBER
- PHASE CHANGE MATERIALS
- PRANDTL NUMBER
- RADIATIVE TRANSFER
- RAYLEIGH EQUATIONS
- REUSABLE HEAT SHIELDING
- STANTON NUMBER

HEAT TRANSFER-(CONT.)

- TEMPERATURE PROFILES
- THERMAL DIFFUSION
- THERMAL EXPANSION
- THERMAL INSULATION
- THERMAL POLLUTION
- THERMODYNAMICS
- THERMOMIGRATION
- TRANSFERRING
- TRANSPORT PROPERTIES
- WASTE ENERGY UTILIZATION

HEAT TRANSFER COEFFICIENTS

- SN (HEAT FLUX PER UNIT AREA PER UNIT TEMPERATURE DIFFERENCE)
- GS COEFFICIENTS
- RT **HEAT TRANSFER COEFFICIENTS**
- ACCOMMODATION COEFFICIENT
- EVAPORATION RATE
- HEATING
- MASS FLOW FACTORS
- NUCLEATE BOILING

HEAT TRANSMISSION

- UF HEAT FLOW
- GS TRANSMISSION
- HEAT TRANSMISSION**
- ... HEAT TRANSFER
- ... AERODYNAMIC HEAT TRANSFER
- ... HYPERSONIC HEAT TRANSFER
- ... SUPERSONIC HEAT TRANSFER
- ... CONDUCTIVE HEAT TRANSFER
- ... CONVECTIVE HEAT TRANSFER
- ... LAMINAR HEAT TRANSFER
- ... RADIATIVE HEAT TRANSFER
- ... TURBULENT HEAT TRANSFER
- RT ADIABATIC EQUATIONS
- ANNULAR FLOW
- CONVECTION
- CONVECTIVE FLOW
- DIFFERENTIAL THERMAL ANALYSIS
- DUCTED FLOW
- EQUILIBRIUM FLOW
- ∞ FLOW
- FLUID FLOW
- GEOPHYSICS
- GEOTHERMAL ENERGY CONVERSION
- GEOTHERMAL ENERGY EXTRACTION
- GEOTHERMAL RESOURCES
- MASS FLOW FACTORS
- NONEQUILIBRIUM FLOW
- POTENTIAL FLOW
- RADIAL FLOW
- RADIATIVE TRANSFER
- STEADY FLOW
- THERMAL INSULATION
- THERMOHYDRAULICS
- UNIFORM FLOW
- UNSTEADY FLOW
- WALL FLOW

HEAT TREATMENT

- GS **HEAT TREATMENT**
- ... ANNEALING
- ... LASER ANNEALING
- ... PULSE HEATING
- ... MARAGING
- ... NITRIDING
- ... NORMALIZING (HEAT TREATMENT)
- ... STRESS RELIEVING
- ... TEMPERING
- RT AGING (METALLURGY)
- ALLOYS
- BAKING
- CRITICAL TEMPERATURE
- FERRITIC STAINLESS STEELS
- FORGING
- FURNACES
- GRAPHITIZATION
- HARDENERS
- HARDENING (MATERIALS)
- HEATING
- MARTENSITE
- ∞ METALLURGY
- MICROSTRUCTURE
- NUCLEATION
- PHASE DIAGRAMS
- PRECIPITATION HARDENING
- QUENCHING (COOLING)
- RECRYSTALLIZATION
- SALT BATHS
- ∞ SOAKING
- STABILIZATION
- SUPERCOOLING
- SUPERSATURATION

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HEAT TREATMENT-(CONT.)

- TEMPER (METALLURGY)
- TEMPERATURE DISTRIBUTION
- THERMOCHEMISTRY
- THERMOMECHANICAL TREATMENT
- ∞ TREATMENT

∞ HEATERS

- SN (USE OF A MORE SPECIFIC TERM IS RECOMMENDED—CONSULT THE TERMS BELOW)
- RT DEICERS
- DEICING
- ELECTRON TUBES
- HEATING EQUIPMENT
- VAPORIZERS
- WATER HEATING

HEATING

- UF HEAT GAIN
- PREHEATING
- REHEATING
- WARMING
- GS **HEATING**
- ... AERODYNAMIC HEATING
- ... SHOCK HEATING
- ... ARC HEATING
- ... ATMOSPHERIC HEATING
- ... BAKING
- ... BASE HEATING
- ... GAS HEATING
- ... INDUCTION HEATING
- ... IONOSPHERIC HEATING
- ... KINETIC HEATING
- ... SHOCK HEATING
- ... LASER HEATING
- ... MAGNETOHYDRODYNAMIC SHEAR HEATING
- ... PASTEURIZING
- ... PLASMA HEATING
- ... ELECTRON CYCLOTRON HEATING
- ... RADIANT HEATING
- ... RADIO FREQUENCY HEATING
- ... RESISTANCE HEATING
- ... SOLAR HEATING
- ... SPACE HEATING (BUILDINGS)
- ... SUPERHEATING
- ... TRANSIENT HEATING
- ... PULSE HEATING
- ... SHOCK HEATING
- ... WATER HEATING
- RT AIR CONDITIONING
- ANNEALING
- AUTOCLAVING
- BOILING
- CEMENTATION
- ∞ CONDUCTION
- CONVECTION
- COOLING
- DECARBURIZATION
- DEFROSTING
- ENVIRONMENTAL ENGINEERING
- GEOTHERMAL ENERGY EXTRACTION
- GEOTHERMAL ENERGY UTILIZATION
- HEAT EXCHANGERS
- HEAT GENERATION
- HEAT TRANSFER
- HEAT TRANSFER COEFFICIENTS
- HEAT TREATMENT
- HEATING EQUIPMENT
- HILSCH TUBES
- HYDROTHERMAL SYSTEMS
- ICE PREVENTION
- INTEGRATED ENERGY SYSTEMS
- JACKETS
- LASER ANNEALING
- LASER WELDING
- MELTING
- MODULAR INTEGRATED UTILITY SYSTEM
- ∞ RADIATION
- ROASTING
- SINTERING
- ∞ SOAKING
- TEMPERATURE
- TEMPERATURE CONTROL
- TEMPERATURE DISTRIBUTION
- THERMAL CYCLING TESTS
- THERMAL SHOCK
- THERMAL STRESSES
- VAPORIZING
- WASTE ENERGY UTILIZATION

HEATING EQUIPMENT

- UF GERDIEN ARC HEATERS
- PREHEATERS
- GS **HEATING EQUIPMENT**
- ... BOILERS

HEATING EQUIPMENT-(CONT.)

. FURNACES
 . . . IMAGE FURNACES
 . . . SOLAR FURNACES
 . . . VACUUM FURNACES
 . OVENS
 . VAPORIZERS
 . . . EVAPORATORS
 RT AIR CONDITIONING
 AIR CONDITIONING EQUIPMENT
 CRUCIBLES
 DEICERS
 DEICING
 ∞ ELECTRIC EQUIPMENT
 ∞ EQUIPMENT
 FUEL TANKS
 HEAT EXCHANGERS
 HEAT GENERATION
 HEAT PUMPS
 HEAT RADIATORS
 ∞ HEATERS
 HEATING
 ONBOARD EQUIPMENT
 SPACE HEATING (BUILDINGS)
 TEMPERATURE CONTROL
 THERMAL INSULATION
 WATER HEATING

HEAVING

RT BENDING
 ∞ BOWS
 BUCKLING
 DISPLACEMENT
 DISTORTION
 FLEXING
 ∞ MOTION
 PITCH (INCLINATION)
 WARPAGE

HEAVY COSMIC RAY PRIMARIES

USE HEAVY NUCLEI
 PRIMARY COSMIC RAYS

HEAVY ELEMENTS

GS HEAVY ELEMENTS
 . AMERICIUM
 . . . AMERICIUM ISOTOPES
 . . . AMERICIUM 241
 . . . TRANSURANIUM ELEMENTS
 . . . AMERICIUM ISOTOPES
 . . . AMERICIUM 241
 . . . BERKELIUM
 . . . CALIFORNIUM
 . . . CALIFORNIUM ISOTOPES
 . . . CURIUM
 . . . CURIUM ISOTOPES
 . . . CURIUM 242
 . . . CURIUM 244
 . . . EINSTEINIUM
 . . . FERMIUM
 . . . LAWRENCIUM
 . . . MENDELEVIUM
 . . . NEPTUNIUM
 . . . NEPTUNIUM ISOTOPES
 . . . NOBELIUM
 . . . PLUTONIUM
 . . . PLUTONIUM ISOTOPES
 . . . PLUTONIUM 238
 . . . PLUTONIUM 239
 . . . PLUTONIUM 240
 . . . PLUTONIUM 241
 . . . PLUTONIUM 244
 . . . SERGENIUM
 RT CHEMICAL ELEMENTS
 ∞ ELEMENTS

HEAVY IONS

GS IONS
 . HEAVY IONS
 RT ION STRIPPING
 ISOTOPE SEPARATION
 ISOTOPES
 LIGHT IONS

HEAVY LIFT AIRSHIPS

GS AIRSHIPS
 . HEAVY LIFT AIRSHIPS
 RT MATERIALS HANDLING
 ROTORS

HEAVY LIFT HELICOPTERS

GS V/STOL AIRCRAFT
 . ROTARY WING AIRCRAFT
 . . . HELICOPTERS
 . . . MILITARY HELICOPTERS

HEAVY LIFT HELICOPTERS-(CONT.)

. . . . HEAVY LIFT HELICOPTERS
 CH-62 HELICOPTER
 RT AIR CARGO
 ∞ AIRCRAFT
 CARGO AIRCRAFT
 HELICOPTER DESIGN

HEAVY LIFT LAUNCH VEHICLES

UF HLLV
 GS LAUNCH VEHICLES
 . HEAVY LIFT LAUNCH VEHICLES
 RT ROCKET ENGINES
 ∞ ROCKETS
 SPACECRAFT LAUNCHING
 ∞ VEHICLES

HEAVY NUCLEI

UF HEAVY COSMIC RAY PRIMARIES
 GS GASES
 . IONIZED GASES
 . . . CHARGED PARTICLES
 . . . NUCLEI (NUCLEAR PHYSICS)
 HEAVY NUCLEI
 RT PRIMARY COSMIC RAYS

HEAVY WATER

UF DEUTERIUM OXIDES
 HYDROGEN DEUTERIUM OXIDE
 GS CHALCOGENIDES
 . OXIDES
 . . HEAVY WATER
 HYDROGEN COMPOUNDS
 . DEUTERIUM COMPOUNDS
 . . HEAVY WATER
 WATER
 . HEAVY WATER
 RT DEUTERIUM
 MODERATORS
 TRITIUM

HEAVY WATER COMPONENTS TEST REACTORS

GS NUCLEAR REACTORS
 . LIQUID COOLED REACTORS
 . . WATER COOLED REACTORS
 . . . HEAVY WATER REACTORS
 HEAVY WATER COMPONENTS
 TEST REACTORS
 . NUCLEAR RESEARCH AND TEST
 REACTORS
 . . HEAVY WATER COMPONENTS TEST
 REACTORS
 . WATER MODERATED REACTORS
 . . HEAVY WATER COMPONENTS TEST
 REACTORS

HEAVY WATER REACTORS

GS NUCLEAR REACTORS
 . LIQUID COOLED REACTORS
 . . WATER COOLED REACTORS
 . . . HEAVY WATER REACTORS
 HEAVY WATER COMPONENTS
 TEST REACTORS
 PLUTONIUM RECYCLE TEST
 REACTOR
 ZERO POWER REACTOR 2
 RT LIGHT WATER BREEDER REACTORS

HEF (HIGH ENERGY FUELS)

USE HIGH ENERGY FUELS

HEIGHT

GS DIMENSIONS
 . HEIGHT
 . . SCALE HEIGHT
 RT ALTITUDE
 DEPTH
 DISTANCE
 GEOPOTENTIAL
 ∞ LEVEL
 SLOPES

HEINKEL AIRCRAFT

GS HEINKEL AIRCRAFT
 . HE-211 AIRCRAFT
 RT ∞ AIRCRAFT

HEINKEL HE-211 AIRCRAFT

USE HE-211 AIRCRAFT

HEISENBERG THEORY

GS ATOMIC THEORY
 . HEISENBERG THEORY
 RT ATOMIC EXCITATIONS

HELICOPTER PROPELLER DRIVE**HEISENBERG THEORY-(CONT.)**

DYSON THEORY
 ENERGY TRANSFER
 ∞ THEORIES

HELICAL ANTENNAS

GS ANTENNAS
 . DIRECTIONAL ANTENNAS
 . . HELICAL ANTENNAS
 RT ANTENNA DESIGN
 MICROWAVE ANTENNAS

HELICAL FLOW

GS FLUID FLOW
 . HELICAL FLOW
 RT AXISYMMETRIC FLOW
 FLOW GEOMETRY
 MAGNETOHYDRODYNAMIC STABILITY
 THREE DIMENSIONAL FLOW

HELICAL INDUCERS

GS INTAKE SYSTEMS
 . HELICAL INDUCERS
 RT FIELD COILS
 PLASMA CONTROL

HELICAL WINDINGS

GS WINDING
 . HELICAL WINDINGS

HELICOPTER ATTITUDE INDICATORS

USE ATTITUDE INDICATORS
 HELICOPTERS

HELICOPTER CONTROL

GS AIRCRAFT CONTROL
 . HELICOPTER CONTROL
 RT AIRBORNE RADAR APPROACH
 ATTITUDE CONTROL
 AUTOMATIC CONTROL
 ∞ CONTROL
 CONTROLLABILITY
 DIRECTIONAL CONTROL
 FLIGHT CONTROL
 LATERAL CONTROL
 LONGITUDINAL CONTROL
 MANUAL CONTROL
 SPEED CONTROL
 TAIL ROTORS

HELICOPTER DESIGN

GS AIRCRAFT DESIGN
 . HELICOPTER DESIGN
 RT COMPOUND HELICOPTERS
 COMPUTERIZED DESIGN
 ∞ DESIGN
 ENGINE DESIGN
 HEAVY LIFT HELICOPTERS
 PRODUCT DEVELOPMENT
 STREAMLINING
 STRUCTURAL DESIGN
 UH-60A HELICOPTER
 UH-61A HELICOPTER

HELICOPTER ENGINES

GS AIRCRAFT ENGINES
 . HELICOPTER ENGINES
 ENGINES
 . INTERNAL COMBUSTION ENGINES
 . . HELICOPTER ENGINES
 RT JET ENGINES
 PTL-6 ENGINE
 T-53 ENGINE
 T-55 ENGINE
 T-58 ENGINE
 T-58-GE-8B ENGINE
 T-63 ENGINE
 T-64 ENGINE
 T-74 ENGINE
 T-76 ENGINE

HELICOPTER PERFORMANCE

GS AIRCRAFT PERFORMANCE
 . HELICOPTER PERFORMANCE
 RT AERODYNAMIC STABILITY
 AIRCRAFT RELIABILITY
 CONTROLLABILITY
 FLIGHT CHARACTERISTICS
 MANEUVERABILITY

HELICOPTER PROPELLER DRIVE

GS MECHANICAL DRIVES
 . HELICOPTER PROPELLER DRIVE
 RT JET PROPULSION

HELICOPTER ROTORS

HELICOPTER PROPELLER DRIVE-(CONT.)

ROTARY WINGS
TILTED PROPELLERS
VARIABLE PITCH PROPELLERS

HELICOPTER ROTORS

USE ROTARY WINGS

HELICOPTER TAIL ROTORS

GS ROTATING BODIES
ROTORS

TAIL ROTORS

HELICOPTER TAIL ROTORS

RT ROTARY WINGS

∞ ROTOR BLADES

HELICOPTER WAKES

GS WAKES

AIRCRAFT WAKES

HELICOPTER WAKES

RT DOWNWASH

HELICOPTERS

UF DRONE HELICOPTERS

GYROPLANES

HELICOPTER ATTITUDE INDICATORS

GS V/STOL AIRCRAFT

ROTARY WING AIRCRAFT

HELICOPTERS

ALOUETTE HELICOPTERS

SA-330 HELICOPTER

SE-3160 HELICOPTER

BELL 214A HELICOPTER

BO P-310 HELICOPTER

BO-105 HELICOPTER

CH-21 HELICOPTER

COMPOUND HELICOPTERS

FIAT 7002 HELICOPTER

GRASSHOPPER HELICOPTER

H-17 HELICOPTER

H-54 HELICOPTER

HC-3 HELICOPTER

HILLER 1123 HELICOPTER

KH-4 HELICOPTER

MILITARY HELICOPTERS

AH-64 HELICOPTER

CH-3 HELICOPTER

CH-34 HELICOPTER

CH-46 HELICOPTER

CH-47 HELICOPTER

CH-54 HELICOPTER

H-43 HELICOPTER

H-53 HELICOPTER

H-56 HELICOPTER

H-60 HELICOPTER

HEAVY LIFT HELICOPTERS

CH-62 HELICOPTER

HH-43 HELICOPTER

OH-4 HELICOPTER

OH-5 HELICOPTER

OH-6 HELICOPTER

OH-13 HELICOPTER

OH-23 HELICOPTER

OH-58 HELICOPTER

QH-50 HELICOPTER

S-58 HELICOPTER

S-61 HELICOPTER

SA-330 HELICOPTER

SA-3210 HELICOPTER

SH-34 HELICOPTER

UH-1 HELICOPTER

UH-2 HELICOPTER

UH-34 HELICOPTER

UH-60A HELICOPTER

UH-61A HELICOPTER

NH-41 HELICOPTER

P-531 HELICOPTER

RIGID ROTOR HELICOPTERS

CH-3 HELICOPTER

F-28 HELICOPTER

XH-51 HELICOPTER

SH-3 HELICOPTER

SH-4 HELICOPTER

SIEMETZKI T-3 HELICOPTER

SIKORSKY WHIRLWIND HELICOPTER

TANDEM ROTOR HELICOPTERS

CH-46 HELICOPTER

CH-47 HELICOPTER

H-25 HELICOPTER

TH-55 HELICOPTER

V-2 HELICOPTER

WESTLAND WHIRLWIND

HELICOPTER

WF S-64 HELICOPTER

XV-9A AIRCRAFT

HELICOPTERS-(CONT.)

RT AIRBORNE RADAR APPROACH

∞ AIRCRAFT

AIRCRAFT SURVIVABILITY

BLADE SLAP NOISE

GENERAL AVIATION AIRCRAFT

HELIPORTS

∞ MILITARY AIRCRAFT

NAP-OF-THE-EARTH NAVIGATION

RECOVERY VEHICLES

ROTOR SYSTEMS RESEARCH AIRCRAFT

SHORT TAKEOFF AIRCRAFT

∞ SUBSONIC AIRCRAFT

TILT ROTOR AIRCRAFT

TILT ROTOR RESEARCH AIRCRAFT

PROGRAM

UTILITY AIRCRAFT

VERTICAL TAKEOFF AIRCRAFT

WESER AIRCRAFT

WESTLAND AIRCRAFT

XV-15 AIRCRAFT

HELIO AIRCRAFT

UF HELIO MILITARY AIRCRAFT

GS HELIO AIRCRAFT

U-10 AIRCRAFT

RT ∞ AIRCRAFT

HELIO MILITARY AIRCRAFT

USE HELIO AIRCRAFT

HELIOCENTRIC ORBITS

USE SOLAR ORBITS

HELIOGRAPHS

USE SPECTROHELIOGRAPHS

HELIOGRAPHY

USE SPECTROHELIOGRAPHS

HELIOMAGNETISM

USE SOLAR MAGNETIC FIELD

HELIOMETERS

UF HELIOMETRY

GS MEASURING INSTRUMENTS

HELIOMETERS

PYROHELIOMETERS

OPTICAL EQUIPMENT

ASTRONOMICAL TELESCOPES

HELIOMETERS

PYROHELIOMETERS

TELESCOPES

ASTRONOMICAL TELESCOPES

HELIOMETERS

PYROHELIOMETERS

HELIOMETRY

USE HELIOMETERS

PYROHELIOMETERS

HELIOS A

GS SATELLITES

ARTIFICIAL SATELLITES

HELIOS SATELLITES

HELIOS A

EARTH SATELLITES

HELIOS SATELLITES

HELIOS A

UNMANNED SPACECRAFT

SPACE PROBES

SOLAR PROBES

HELIOS A

HELIOS B

GS SATELLITES

ARTIFICIAL SATELLITES

HELIOS SATELLITES

HELIOS B

EARTH SATELLITES

HELIOS SATELLITES

HELIOS B

UNMANNED SPACECRAFT

SPACE PROBES

SOLAR PROBES

HELIOS B

HELIOS PROJECT

GS PROGRAMS

NASA PROGRAMS

HELIOS PROJECT

PROJECTS

HELIOS PROJECT

RT CHARGED PARTICLES

NASA THESAURUS (VOLUME 1)

HELIOS PROJECT-(CONT.)

HIGH TEMPERATURE PLASMAS

SOLAR PROBES

ZODIACAL LIGHT

HELIOS SATELLITES

GS SATELLITES

ARTIFICIAL SATELLITES

HELIOS SATELLITES

HELIOS A

HELIOS B

HELIOS 1

HELIOS 2

EARTH SATELLITES

HELIOS SATELLITES

HELIOS A

HELIOS B

HELIOS 1

HELIOS 2

RT

MAGNETIC FIELDS

PARTICLE FLUX DENSITY

SOLAR FLUX DENSITY

HELIOS 1

GS SATELLITES

ARTIFICIAL SATELLITES

HELIOS SATELLITES

HELIOS 1

EARTH SATELLITES

HELIOS SATELLITES

HELIOS 1

UNMANNED SPACECRAFT

SPACE PROBES

SOLAR PROBES

HELIOS 1

HELIOS 2

GS SATELLITES

ARTIFICIAL SATELLITES

HELIOS SATELLITES

HELIOS 2

EARTH SATELLITES

HELIOS SATELLITES

HELIOS 2

UNMANNED SPACECRAFT

SPACE PROBES

SOLAR PROBES

HELIOS 2

HELIOSPHERE

RT

COSMIC RAYS

INTERPLANETARY SPACE

INTERSTELLAR GAS

SOLAR ACTIVITY EFFECTS

SOLAR WIND

HELIOSTATS

RT ∞ INSTRUMENTS

MIRRORS

REFLECTORS

SERVOMOTORS

SOLAR REFLECTORS

SYNCHRONIZERS

HELIPORTS

GS AIRPORTS

HELIPORTS

RT

AIR TRAFFIC CONTROL

AIRPORT PLANNING

AIRPORT TOWERS

HANGARS

HELICOPTERS

LANDING AIDS

LANDING SITES

MILITARY AIR FACILITIES

NAVIGATION AIDS

SOLAR COMPASSES

V/STOL AIRCRAFT

HELITRONS

GS ELECTRON TUBES

VACUUM TUBES

VACUUM TUBE OSCILLATORS

MICROWAVE TUBES

PLANOTRONS

HELITRONS

TRAVELING WAVE TUBES

HELITRONS

MICROWAVE EQUIPMENT

MICROWAVE TUBES

PLANOTRONS

HELITRONS

TRAVELING WAVE TUBES

HELITRONS

OSCILLATORS

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HELITRONS-(CONT.)

. VACUUM TUBE OSCILLATORS
. MICROWAVE TUBES
. PLANOTRONS
. HELITRONS
RT CARCINOTRONS

HELIUM

GS CHEMICAL ELEMENTS
. RARE GASES
. . . HELIUM
. HELIUM ATOMS
. HELIUM FILM
. HELIUM ISOTOPES
. LIQUID HELIUM
. LIQUID HELIUM 2
GASES
. RARE GASES
. . . HELIUM
. HELIUM ATOMS
. HELIUM FILM
. HELIUM ISOTOPES
. LIQUID HELIUM
. LIQUID HELIUM 2
RT ALPHA PARTICLES
HELIUM AFTERGLOW
WOLF-RAYET STARS

HELIUM AFTERGLOW

GS AFTERGLOWS
. HELIUM AFTERGLOW
RT GAS IONIZATION
PLASMA DECAY

HELIUM ATOMS

GS ATOMS
. HELIUM ATOMS
CHEMICAL ELEMENTS
. RARE GASES
. . . HELIUM
. HELIUM ATOMS
GASES
. RARE GASES
. . . HELIUM
. HELIUM ATOMS

HELIUM COMPOUNDS

RT ∞ RARE GAS COMPOUNDS

HELIUM FILM

GS CHEMICAL ELEMENTS
. RARE GASES
. . . HELIUM
. HELIUM FILM
GASES
. RARE GASES
. . . HELIUM
. HELIUM FILM
RT ∞ FILMS

HELIUM HYDROGEN ATMOSPHERES

GS ENVIRONMENTS
. EXTRATERRESTRIAL ENVIRONMENTS
. . . PLANETARY ENVIRONMENTS
. PLANETARY ATMOSPHERES
. HELIUM HYDROGEN
ATMOSPHERES

HELIUM IONS

GS IONS
. HELIUM IONS
RT ALPHA PARTICLES

HELIUM ISOTOPES

UF HELIUM 2
HELIUM 3
HELIUM 4
GS CHEMICAL ELEMENTS
. NUCLIDES
. . . ISOTOPES
. HELIUM ISOTOPES
. RARE GASES
. HELIUM
. HELIUM ISOTOPES
GASES
. RARE GASES
. . . HELIUM
. HELIUM ISOTOPES

HELIUM PLASMA

GS GASES
. IONIZED GASES
. . . CHARGED PARTICLES
. HELIUM PLASMA

HELIUM PLASMA-(CONT.)

PARTICLES
. CHARGED PARTICLES
. . . ENERGETIC PARTICLES
. PLASMAS (PHYSICS)
. HELIUM PLASMA
RT ARGON PLASMA
ELECTRON PLASMA
HYDROGEN PLASMA
OXYGEN PLASMA

HELIUM STARS

USE B STARS

HELIUM 2

USE HELIUM ISOTOPES
LIQUID HELIUM

HELIUM 3

USE HELIUM ISOTOPES

HELIUM 4

USE HELIUM ISOTOPES

HELIUM-NEON LASERS

GS STIMULATED EMISSION DEVICES
. LASERS
. . . GAS LASERS
. HELIUM-NEON LASERS
RT LASER MODES
LASER OUTPUTS

HELIUM-OXYGEN ATMOSPHERES

GS CONTROLLED ATMOSPHERES
. HELIUM-OXYGEN ATMOSPHERES
RT AEROSPACE ENVIRONMENTS
∞ ATMOSPHERES
∞ BREATHING
GAS MIXTURES
PORTABLE LIFE SUPPORT SYSTEMS
UNDERWATER BREATHING APPARATUS

HELIX TUBES

USE TRAVELING WAVE TUBES

HELIXES

USE CURVES (GEOMETRY)

HELLMANN-FEYNMAN THEOREM

GS THEOREMS
. HELLMANN-FEYNMAN THEOREM

HELMET MOUNTED DISPLAYS

GS DISPLAY DEVICES
. HELMET MOUNTED DISPLAYS
RT CREW STATIONS
∞ DETECTORS
IMAGES
INDICATING INSTRUMENTS
∞ INSTRUMENTS
MONITORS
PERSONNEL

HELMETS

GS CLOTHING
. PROTECTIVE CLOTHING
. . . HELMETS
SAFETY DEVICES
. HELMETS
RT ARMOR
FLIGHT CLOTHING
GOGGLES
PRESSURE SUITS

∞ HELMHOLTZ EQUATIONS

SN (USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)
RT HELMHOLTZ VORTICITY EQUATION
KELVIN-HELMHOLTZ INSTABILITY
TIME DEPENDENCE
WAVE EQUATIONS

HELMHOLTZ RESONATORS

GS RESONATORS
. HELMHOLTZ RESONATORS
RT CAVITY RESONATORS
NOISE REDUCTION

HELMHOLTZ VORTICITY EQUATION

GS ANALYSIS (MATHEMATICS)
. REAL VARIABLES
. . . DIFFERENTIAL EQUATIONS
. PARTIAL DIFFERENTIAL EQUATIONS

HEMISPHERICAL SHELLS

HELMHOLTZ VORTICITY EQUATION-(CONT.)

. HELMHOLTZ VORTICITY
EQUATION
EQUATIONS OF MOTION
. KINETIC EQUATIONS
. . . HYDRODYNAMIC EQUATIONS
. HELMHOLTZ VORTICITY EQUATION
FLOW EQUATIONS
. HELMHOLTZ VORTICITY EQUATION
RT ∞ HELMHOLTZ EQUATIONS
VORTICITY

HELOS (SATELLITE)

USE EXOSAT SATELLITE

HEMATITE

GS CHALCOGENIDES
. OXIDES
. . . METAL OXIDES
. IRON OXIDES
. HEMATITE
IRON COMPOUNDS
. IRON OXIDES
. . . HEMATITE
MINERALS
. IRON ORES
. . . HEMATITE

HEMATOCRIT

RT BLOOD

HEMATOCRIT RATIO

RT ANEMIAS
ERYTHROCYTES
HEMATOLOGY

HEMATOLOGY

RT CARBOXYHEMOGLOBIN TEST
COOMB TEST
HEMATOCRIT RATIO
RETICULOCYTES

HEMATOPOIESIS

GS ANATOMY
. CARDIOVASCULAR SYSTEM
. . . HEMATOPOIESIS
CELLS (BIOLOGY)
. . . HEMATOPOIESIS
RT BLOOD
PHYSIOLOGICAL EFFECTS
RADIATION EFFECTS

HEMATOPOIETIC SYSTEM

GS ANATOMY
. CARDIOVASCULAR SYSTEM
. . . HEMATOPOIETIC SYSTEM
PHYSIOLOGY
. . . HEMATOPOIETIC SYSTEM
RT BLOOD VOLUME
PHYSIOLOGICAL EFFECTS

HEMATURIA

GS SIGNS AND SYMPTOMS
. HEMATURIA
RT URINE

HEMISPHERE CYLINDER BODIES

RT ∞ CYLINDERS
CYLINDRICAL BODIES
HEMISPHERICAL SHELLS
PRESSURE VESSELS

∞ HEMISPHERES

SN (USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)
RT AERODYNAMIC CONFIGURATIONS
BODIES OF REVOLUTION
HEMISPHERICAL SHELLS
NORTHERN HEMISPHERE
SOUTHERN HEMISPHERE
SPHERES

HEMISPHERICAL SHELLS

GS SHELLS (STRUCTURAL FORMS)
. HEMISPHERICAL SHELLS
RT BODIES OF REVOLUTION
CIRCULAR SHELLS
DOMES (STRUCTURAL FORMS)
HEMISPHERE CYLINDER BODIES
∞ HEMISPHERES
METAL SHELLS
REINFORCED SHELLS
SPHERES

HEMOCYTES

HEMISPHERICAL SHELLS-(CONT.) SPHERICAL SHELLS

HEMOCYTES

GS CELLS (BIOLOGY)
. **HEMOCYTES**
RT INVERTEBRATES

HEMODYNAMIC RESPONSES

GS PHYSIOLOGICAL EFFECTS
. PHYSIOLOGICAL RESPONSES
. **HEMODYNAMIC RESPONSES**
RESPONSES
. PHYSIOLOGICAL RESPONSES
. **HEMODYNAMIC RESPONSES**
RT BLOOD CIRCULATION
BLOOD PRESSURE

HEMODYNAMICS

GS **HEMODYNAMICS**
. LOWER BODY NEGATIVE PRESSURE
RT BLOOD CIRCULATION
BLOOD VOLUME
CARDIOVASCULAR SYSTEM
HEMOPERFUSION

HEMOGLOBIN

GS CELLS (BIOLOGY)
. **HEMOGLOBIN**
. CARBOXYHEMOGLOBIN
. OXYHEMOGLOBIN
ORGANOMETALLIC COMPOUNDS
. **HEMOGLOBIN**
. CARBOXYHEMOGLOBIN
. OXYHEMOGLOBIN
RT ANEMIAS
BLOOD
CORPUSCLES
ERYTHROCYTES
HEMOLYSIS
POLYCYTHEMIA
PORPHINES
PORPHYRINS
RETICULOCYTES

HEMOLYSIS

RT COMPLEMENT (BIOLOGY)
ERYTHROCYTES
HEMOGLOBIN
POLYCYTHEMIA
RETICULOCYTES

HEMOPERFUSION

RT ACTIVATED CARBON
ADSORBENTS
BLOOD FLOW
BLOOD PRESSURE
HEMODYNAMICS
TOXICOLOGY

HEMORRHAGES

GS **HEMORRHAGES**
. PETECHIA
RT ∞ BLEEDING
BLOOD
CARDIOVASCULAR SYSTEM
COAGULATION
HEMOSTATICS
HYPOTENSION
INJURIES
PATHOLOGY
POLYCYTHEMIA
RETICULOCYTES

HEMOSTASIS

USE HEMOSTATICS

HEMOSTATICS

UF HEMOSTASIS
GS DRUGS
. **HEMOSTATICS**
RT BLOOD COAGULATION
FIBRINOGEN
GIBBERELLINS
HEMORRHAGES
THROMBIN
THROMBOPLASTIN

HENRY LAW

RT COMPOSITION (PROPERTY)
PARTIAL PRESSURE
RAOULT LAW
SOLUBILITY
SOLUTIONS

HENRY LAW-(CONT.) VAPOR PRESSURE

HEOS A SATELLITE

GS SATELLITES
. ARTIFICIAL SATELLITES
. ESA SATELLITES
. HEOS SATELLITES
. **HEOS A SATELLITE**
. EARTH SATELLITES
. ESA SATELLITES
. HEOS SATELLITES
. **HEOS A SATELLITE**

HEOS B SATELLITE

GS SATELLITES
. ARTIFICIAL SATELLITES
. ESA SATELLITES
. HEOS SATELLITES
. **HEOS B SATELLITE**
. EARTH SATELLITES
. ESA SATELLITES
. HEOS SATELLITES
. **HEOS B SATELLITE**

HEOS SATELLITES

UF HIGHLY ECCENTRIC ORBIT SATELLITES
GS SATELLITES
. ARTIFICIAL SATELLITES
. ESA SATELLITES
. **HEOS SATELLITES**
. HEOS A SATELLITE
. HEOS B SATELLITE
. EARTH SATELLITES
. ESA SATELLITES
. **HEOS SATELLITES**
. HEOS A SATELLITE
. HEOS B SATELLITE
RT EUROPEAN SPACE PROGRAMS
SOLAR ORBITS

HEPARINS

RT ANTICOAGULANTS

HEPATITIS

GS DISEASES
. INFECTIOUS DISEASES
. **HEPATITIS**
RT ANATOMY
LIVER

HEPTADIENE

GS ALIPHATIC COMPOUNDS
. **HEPTADIENE**
HYDROCARBONS
. DIENES
. **HEPTADIENE**

HEPTANES

GS ALIPHATIC COMPOUNDS
. ALKANES
. **HEPTANES**
HYDROCARBONS
. ALKANES
. **HEPTANES**
RT HYDROCARBON FUELS

HERBICIDES

RT BRUSH (BOTANY)
DEFOLIANTS
FOLIAGE
FORESTS
LEAVES
PLANTS (BOTANY)
TOXICITY
TREES (PLANTS)

HERBIG-HARO OBJECTS

GS CELESTIAL BODIES
. STARS
. **HERBIG-HARO OBJECTS**
RT B STARS
 ∞ BODIES
INFRARED STARS
STELLAR RADIATION
STELLAR SPECTRA
T TAURI STARS

HERCULES AIRCRAFT

USE C-130 AIRCRAFT

NASA THESAURUS (VOLUME 1)

HERCULES ENGINE

GS ENGINES
. ROCKET ENGINES
. SOLID PROPELLANT ROCKET
ENGINES
. **HERCULES ENGINE**
RT HONEST JOHN ROCKET VEHICLE
LITTLE JOHN ROCKET VEHICLE

HERCULES NOVA

GS CELESTIAL BODIES
. STARS
. VARIABLE STARS
. NOVAE
. **HERCULES NOVA**
RT DWARF NOVAE

HEREDITY

RT BREEDING (REPRODUCTION)
CONGENITAL ANOMALIES
CYTOGENESIS
EVOLUTION (DEVELOPMENT)

HERING-BREVER REFLEX

GS REFLEXES
. RESPIRATORY REFLEXES
. **HERING-BREVER REFLEX**
RT HEART RATE

HERMES SATELLITE

USE COMMUNICATIONS TECHNOLOGY
SATELLITE

HERMETIC SEALS

GS SEALS (STOPPERS)
. **HERMETIC SEALS**
RT ∞ HEADERS
LABYRINTH SEALS
O RING SEALS
PUMP SEALS

HERMITIAN POLYNOMIAL

GS ALGEBRA
. POLYNOMIALS
. **HERMITIAN POLYNOMIAL**
RT JACOBI MATRIX METHOD
MATRICES (MATHEMATICS)
REAL VARIABLES
VECTOR SPACES

HERO REACTOR

GS NUCLEAR REACTORS
. NUCLEAR RESEARCH AND TEST
REACTORS
. **HERO REACTOR**

HERTZSPRUNG-RUSSELL DIAGRAM

GS DIAGRAMS
. **HERTZSPRUNG-RUSSELL DIAGRAM**
RT HORIZONTAL BRANCH STARS
STELLAR EVOLUTION
STELLAR LUMINOSITY
STELLAR SPECTRA

HERZBERG BANDS

GS SPECTRA
. ABSORPTION SPECTRA
. **HERZBERG BANDS**
. RADIATION SPECTRA
. **HERZBERG BANDS**
. SPECTRAL BANDS
. **HERZBERG BANDS**
RT OXYGEN SPECTRA
SCHUMANN-RUNGE BANDS
ULTRAVIOLET SPECTRA

HESSIAN MATRICES

RT ALGORITHMS
MATRICES (MATHEMATICS)
OPTIMIZATION

HET EXPERIMENT

UF HEALTH-EDUCATION
TELECOMMUNICATIONS EXP
GS TELECOMMUNICATION
. **HET EXPERIMENT**
TELECONFERENCING
. **HET EXPERIMENT**
RT ATS 6
COMMUNICATION SATELLITES
SATELLITE NETWORKS
SATELLITES

HETEROCYCLIC COMPOUNDS

GS **HETEROCYCLIC COMPOUNDS**
 . ACRIFLAVINE
 . ADENINES
 . ADENOSINES
 . . ADENOSINE DIPHOSPHATE
 . . ADENOSINE TRIPHOSPHATE
 . ALKALOIDS
 . ARECOLINE HYDROBROMIDE
 . ATROPINE
 . BETAINES
 . COLCHICINE
 . ERGOTAMINE
 . HYOSCINE
 . LYSERGINE
 . MORPHINE
 . NICOTINAMIDE
 . NICOTINE
 . Pilocarpine
 . RESERPINE
 . TROPYL COMPOUNDS
 . ALLOXAN
 . AMINOPYRINE
 . ANISOLE
 . ASCORBIC ACID
 . AZINES
 . CYANURATES
 . CYANURIC ACID
 . MECLIZINE
 . METHYLENE BLUE
 . PHENOTHIAZINES
 . AZOLES
 . . ACETAZOLAMIDE
 . . OXAZOLE
 . . PYRROLES
 . . CARBAZOLES
 . . . INDOLES
 . . . TRYPTOPHAN
 . AZULENE
 . BIOFLAVONOIDS
 . BIOTIN
 . CARNITINE
 . CYANOCOBALAMIN
 . CYTIDYLIC ACID
 . DIMENHYDRINATE
 . ENDRIIN
 . FOLIC ACID
 . FURANS
 . . TETRAHYDROFURAN
 . GUANETHIDINE
 . METHAPYRILENE
 . NICOTINIC ACID
 . PHTHALOCYANIN
 . PHYLLQUINONE
 . PIPERIDINE
 . PROMETHAZINE
 . PYRIDOXINE
 . RDX
 . RETINENE
 . RIBOFLAVIN
 . TETRACYCLINES
 . TETRAZOLES
 . THIAMINE
 . THIAZINE (TRADEMARK)
 . THYMIDINE
 . THYMINE
 . TOCOPHEROL
 . TRIMETHADIONE
 . URACIL
 . XANTHINES
 . . CAFFEINE
 . . GUANINES
 . . URIC ACID

HETERODYNYING

GS **HETERODYNYING**
 . OPTICAL HETERODYNYING
 RT AUTODYNES
 DEMODULATION
 INTERMEDIATE FREQUENCY AMPLIFIERS
 MIXING CIRCUITS
 SUPERHETERODYNE RECEIVERS

HETEROGENEITY

RT DEVIATION
 IMPURITIES
 INCLUSIONS
 INHOMOGENEITY
 RANGE (EXTREMES)
 SAMPLING
 STANDARD DEVIATION
 STATISTICAL TESTS
 VARIABILITY
 VARIANCE (STATISTICS)

HETEROJUNCTION DEVICES

GS ELECTRONIC EQUIPMENT
 . SOLID STATE DEVICES
 . . SEMICONDUCTOR DEVICES
 . . . HETEROJUNCTION DEVICES
 RT BAND STRUCTURE OF SOLIDS
 GALLIUM ARSENIDES
 HOMOJUNCTIONS
 JUNCTION DIODES
 QUANTUM EFFICIENCY
 SEMICONDUCTOR JUNCTIONS
 SOLAR ENERGY CONVERSION
 WAVEGUIDE LASERS

HETEROJUNCTIONS

RT HOMOJUNCTIONS
 JUNCTION DIODES
 SEMICONDUCTOR JUNCTIONS
 SILICON JUNCTIONS
 SOLAR CELLS
 THIN FILMS

HETEROPHORIA

UF EXOPHORIA
 RT VISION

HETEROSPHERE

GS EARTH ATMOSPHERE
 . HETEROSPHERE
 ENVIRONMENTS
 . HETEROSPHERE
 CHEMOSPHERE
 EXOSPHERE
 IONOSPHERE
 LOWER ATMOSPHERE
 MAGNETOSPHERE
 MIDDLE ATMOSPHERE
 THERMOSPHERE
 UPPER ATMOSPHERE

HETEROTROPHS

GS ANIMALS
 . HETEROTROPHS
 RT AUTOTROPHS
 METABOLISM
 PLANTS (BOTANY)

HETEROTROPIA

RT VISION

HEURISTIC METHODS

RT AUTOMATA THEORY
 COMPUTER PROGRAMMING
 SIMULATION

HEUS ROCKET ENGINES

GS ENGINES
 . ROCKET ENGINES
 . . HEUS ROCKET ENGINES
 RT ROCKET ENGINE CONTROL
 ROCKET VEHICLES

HEWLETT-PACKARD COMPUTERS

GS DATA PROCESSING EQUIPMENT
 . COMPUTERS
 . . DIGITAL COMPUTERS
 . . . HEWLETT-PACKARD COMPUTERS

HEXADIENE

GS ALIPHATIC COMPOUNDS
 . HEXADIENE
 HYDROCARBONS
 . DIENES
 . . HEXADIENE

HEXAGONAL CELLS

RT ∞ CELLS
 CRYSTAL LATTICES
 HONEYCOMB STRUCTURES

HEXAGONS

GS GEOMETRY
 . EUCLIDEAN GEOMETRY
 . . POLYGONS
 . . . HEXAGONS

HEXAHDRITE

GS MAGNESIUM COMPOUNDS
 . MAGNESIUM SULFATES
 . . HEXAHDRITE
 MINERALS
 . HEXAHDRITE
 SULFUR COMPOUNDS
 . SULFATES

HEXAHDRITE-(CONT.)

. . MAGNESIUM SULFATES
 . . . HEXAHDRITE

HEXAMETHONIUM

RT AMMONIUM COMPOUNDS
 ANTICONVULSANTS

HEXAMETHYLENETETRAMINE

GS ALIPHATIC COMPOUNDS
 . HEXAMETHYLENETETRAMINE
 AMINES
 . HEXAMETHYLENETETRAMINE

HEXANITROSTILBENE

UF HNST
 RT STILBENE

HEXENES

GS ALIPHATIC COMPOUNDS
 . ALKANES
 . . HEXENES
 . ALKENES
 . . HEXENES
 HYDROCARBONS
 . ALKANES
 . . HEXENES
 . ALKENES
 . . HEXENES
 RT CYCLOHEXANE
 HYDROCARBON FUELS

HEXOGENES (TRADEMARK)

GS ALIPHATIC COMPOUNDS
 . HEXOGENES (TRADEMARK)

HEXOKINASE

GS ALIPHATIC COMPOUNDS
 . HEXOKINASE
 CARBOHYDRATES
 . HEXOKINASE
 ENZYMES
 . HEXOKINASE

HEXOSES

GS ALIPHATIC COMPOUNDS
 . SUGARS
 . . HEXOSES
 CARBOHYDRATES
 . SUGARS
 . . HEXOSES

HEXYL COMPOUNDS

GS ALIPHATIC COMPOUNDS
 . ALKYL COMPOUNDS
 . . HEXYL COMPOUNDS

HF LASERS

GS STIMULATED EMISSION DEVICES
 . LASERS
 . . GAS LASERS
 . . . HF LASERS
 RT CHEMICAL LASERS
 INFRARED LASERS
 TEA LASERS

HFB-320 AIRCRAFT

UF HAMBURGER HFB-320 AIRCRAFT
 GS HAMBURGER AIRCRAFT
 . HFB-320 AIRCRAFT
 JET AIRCRAFT
 . HFB-320 AIRCRAFT
 MONOPLANES
 . HFB-320 AIRCRAFT
 PASSENGER AIRCRAFT
 . HFB-320 AIRCRAFT
 TRANSPORT AIRCRAFT
 . HFB-320 AIRCRAFT

HFIR

USE HIGH FLUX ISOTOPE REACTORS

HFIR (REACTOR)

USE HIGH FLUX ISOTOPE REACTORS

HH-43 HELICOPTER

UF HH-43B HELICOPTER
 HUSKIE HELICOPTER
 GS KAMAN AIRCRAFT
 . HH-43 HELICOPTER
 UTILITY AIRCRAFT
 . HH-43 HELICOPTER
 V/STOL AIRCRAFT
 . ROTARY WING AIRCRAFT

HH-43B HELICOPTER

HH-43 HELICOPTER-(CONT.)

- ... HELICOPTERS
- ... MILITARY HELICOPTERS
- ... HH-43 HELICOPTER

HH-43B HELICOPTER

- USE HH-43 HELICOPTER

HMX HELICOPTER

- USE H-53 HELICOPTER

HI-LO IGNITERS

- GS IGNITERS
- ... HI-LO IGNITERS
- RT SOLID PROPELLANT IGNITION

HIBERNATION

- RT ADAPTATION
- ... THERMOREGULATION

HICAT (RADAR TECHNIQUE)

- USE HIGH RESOLUTION COVERAGE
- ... ANTENNAS

HICAT PROJECT

- USE HIGH RESOLUTION COVERAGE
- ... ANTENNAS

HIERARCHIES

- GS CLASSIFICATIONS
- ... HIERARCHIES
- ... BBGKY HIERARCHY
- ... DICHOTOMIES

HIGH ACCELERATION

- GS RATES (PER TIME)
- ... ACCELERATION (PHYSICS)
- ... HIGH ACCELERATION
- RT ACCELERATION STRESSES
- ... (PHYSIOLOGY)
- ... ACCELERATION TOLERANCE
- ... ELECTRON RUNAWAY (PLASMA PHYSICS)
- ... MECHANICAL SHOCK
- ∞ MOTION
- ... SHOCK RESISTANCE

HIGH ALT TARGET AND BACKGROUND MEASUREMENT

- UF HITAB PROGRAM
- RT ∞ MEASUREMENT
- ... TARGET ACQUISITION

HIGH ALTITUDE

- UF HIGH ALTITUDE FLIGHT
- GS ALTITUDE
- ... HIGH ALTITUDE
- RT MIDALTITUDE
- ... SKYHOOK BALLOONS
- ... UPPER ATMOSPHERE

HIGH ALTITUDE BALLOONS

- GS EXPANDABLE STRUCTURES
- ... INFLATABLE STRUCTURES
- ... BALLOONS
- ... HIGH ALTITUDE BALLOONS
- ... JIMSPHERE BALLOONS
- ... SKYHOOK BALLOONS
- ... SUPERPRESSURE BALLOONS
- RT BALLOON-BORNE INSTRUMENTS
- ... GAS BAGS
- ... METEOROLOGICAL BALLOONS
- ... ROBIN BALLOONS
- ... ROCKOONS

HIGH ALTITUDE BREATHING

- GS RESPIRATION
- ... HIGH ALTITUDE BREATHING
- RT ALTITUDE TOLERANCE
- ∞ BREATHING
- ... EMERGENCY LIFE SUSTAINING SYSTEMS
- ... HYPOBARIC ATMOSPHERES
- ... OXYGEN MASKS

HIGH ALTITUDE ENVIRONMENTS

- GS ENVIRONMENTS
- ... HIGH ALTITUDE ENVIRONMENTS
- RT ALTITUDE SIMULATION
- ... ALTITUDE TESTS
- ... ALTITUDE TOLERANCE
- ... ESCAPE CAPSULES
- ... HYPOBARIC ATMOSPHERES
- ... LOW PRESSURE

HIGH ALTITUDE ENVIRONMENTS-(CONT.)

- LOW TEMPERATURE ENVIRONMENTS
- MOUNTAIN INHABITANTS
- THERMAL VACUUM TESTS
- TIMBERLINE
- VACUUM CHAMBERS

HIGH ALTITUDE FLIGHT

- USE FLIGHT
- ... HIGH ALTITUDE

HIGH ALTITUDE NUCLEAR DETECTION

- GS DETECTION
- ... HIGH ALTITUDE NUCLEAR DETECTION
- RT SPACE SURVEILLANCE (SPACEBORNE)
- ... VELA SATELLITES

HIGH ALTITUDE PRESSURE

- GS PRESSURE
- ... LOW PRESSURE
- ... HIGH ALTITUDE PRESSURE
- RT ALTITUDE TOLERANCE
- ... ATMOSPHERIC PRESSURE
- ... HYPOBARIC ATMOSPHERES
- ... VACUUM CHAMBERS

HIGH ALTITUDE SOUNDING PROJECTILE

- USE WASP SOUNDING ROCKET

HIGH ALTITUDE TESTS

- GS ALTITUDE TESTS
- ... HIGH ALTITUDE TESTS
- RT BACKGROUND RADIATION
- ... FISHBOWL OPERATION
- ... FLIGHT TESTS
- ... FULL SCALE TESTS
- ... TEST VEHICLES
- ∞ TESTS
- ... VELA SATELLITES

HIGH ASPECT RATIO

- GS RATIOS
- ... ASPECT RATIO
- ... HIGH ASPECT RATIO

HIGH ASPECT RATIO WINGS

- USE SLENDER WINGS

HIGH CURRENT

- GS ELECTRIC CURRENT
- ... HIGH CURRENT
- RT HIGH VOLTAGES
- ... PLASMA CURRENTS

HIGH DISPERSION SPECTROGRAPHS

- GS MEASURING INSTRUMENTS
- ... SPECTROMETERS
- ... ULTRAVIOLET SPECTROMETERS
- ... HIGH DISPERSION SPECTROGRAPHS

HIGH ECCENTRIC LUNAR OCCULTATION SATELLITE

- USE EXOSAT SATELLITE

HIGH ENERGY ASTRONOMY OBSERVATORIES

- USE HEAO

HIGH ENERGY ASTRONOMY OBSERVATORY A

- USE HEAO 1

HIGH ENERGY ASTRONOMY OBSERVATORY B

- USE HEAO 2

HIGH ENERGY ASTRONOMY OBSERVATORY C

- USE HEAO 3

HIGH ENERGY ASTRONOMY OBSERVATORY 1

- USE HEAO 1

HIGH ENERGY ASTRONOMY OBSERVATORY 2

- USE HEAO 2

HIGH ENERGY ASTRONOMY OBSERVATORY 3

- USE HEAO 3

HIGH ENERGY ELECTRONS

- GS PARTICLES
- ... CHARGED PARTICLES
- ... ENERGETIC PARTICLES
- ... ELECTRONS
- ... HIGH ENERGY ELECTRONS
- RT SCATHA SATELLITE

NASA THESAURUS (VOLUME 1)

HIGH ENERGY FUELS

- SN (HEAT CONTENT GREATER THAN OR EQUAL TO APPROXIMATELY 25,000 BTU/LB)
- UF HEF (HIGH ENERGY FUELS)
- GS FUELS
- ... CHEMICAL FUELS
- ... HIGH ENERGY FUELS
- RT ADDITIVES
- ... BORON COMPOUNDS
- ... CATALYSTS
- ... CRYOGENIC ROCKET PROPELLANTS
- ... HYBRID PROPELLANTS
- ... HYDROCARBON FUELS

HIGH ENERGY INTERACTIONS

- GS NUCLEAR REACTIONS
- ... HIGH ENERGY INTERACTIONS
- ... LIGHT-CONE EXPANSION
- RT ANNIHILATION REACTIONS
- ... BEAM INTERACTIONS
- ... FISSION PRODUCTS
- ∞ INTERACTIONS
- ... NUCLEAR EXPLOSIONS
- ... NUCLEAR FISSION
- ... NUCLEAR FUSION
- ... NUCLEAR RADIATION
- ... NUCLEAR RESEARCH
- ... PAIR PRODUCTION
- ... PARTICLE INTERACTIONS
- ... PARTICLE PRODUCTION
- ... POMERANCHUK THEOREM
- ... SPHINX
- ... THERMONUCLEAR REACTIONS
- ... VECTOR DOMINANCE MODEL

HIGH ENERGY OXIDIZERS

- GS OXIDIZERS
- ... HIGH ENERGY OXIDIZERS
- RT ROCKET OXIDIZERS

HIGH ENERGY PROPELLANTS

- GS PROPELLANTS
- ... HIGH ENERGY PROPELLANTS
- ... DOMINO PROPELLANTS
- RT CRYOGENIC ROCKET PROPELLANTS
- ... GASEOUS ROCKET PROPELLANTS
- ... HYBRID PROPELLANTS
- ... LIQUID ROCKET PROPELLANTS

HIGH FIELD MAGNETS

- UF SUPERMAGNETS
- GS MAGNETS
- ... ELECTROMAGNETS
- ... HIGH FIELD MAGNETS
- RT SUPERCONDUCTING MAGNETS

HIGH FLUX BEAM REACTORS

- RT NUCLEAR REACTORS

HIGH FLUX ISOTOPE REACTORS

- UF HFIR
- ... HFIR (REACTOR)
- GS NUCLEAR REACTORS
- ... HIGH FLUX ISOTOPE REACTORS
- RT NEUTRON FLUX DENSITY

HIGH FREQUENCIES

- GS FREQUENCIES
- ... RADIO FREQUENCIES
- ... HIGH FREQUENCIES
- RT DECA-METRIC WAVES
- ... INTERMEDIATE FREQUENCIES
- ... LOW FREQUENCY BANDS
- ... MAXIMUM USABLE FREQUENCY
- ... RING DISCHARGE
- ... SHORT WAVE RADIATION
- ... SHORT WAVE RADIO TRANSMISSION
- ... TOROIDAL DISCHARGE

HIGH GAIN

- RT AMPLIFICATION
- ... POWER GAIN
- ... TRANSFER FUNCTIONS

HIGH GRAVITY (ACCELERATION)

- USE HIGH GRAVITY ENVIRONMENTS

HIGH GRAVITY ENVIRONMENTS

- UF HIGH GRAVITY (ACCELERATION)
- GS ENVIRONMENTS
- ... HIGH GRAVITY ENVIRONMENTS
- ... RATES (PER TIME)
- ... ACCELERATION (PHYSICS)

NASA THESAURUS (VOLUME 1)

HIGH TEMPERATURE PLASMAS

HIGH GRAVITY ENVIRONMENTS-(CONT.)
 . . . **HIGH GRAVITY ENVIRONMENTS**
 RT CENTRIFUGES
 EXTRATERRESTRIAL ENVIRONMENTS
 GRAVITATION
 HUMAN CENTRIFUGES
 REDUCED GRAVITY
 ROTATING ENVIRONMENTS

HIGH IMPULSE
 RT ∞ FORCE
 IMPULSES
 PROPULSION

HIGH INTENSITY LASERS
 USE HIGH POWER LASERS

HIGH LATITUDES
 USE POLAR REGIONS

HIGH LEVEL LANGUAGES
 GS LANGUAGES
 . . . PROGRAMMING LANGUAGES
 . . . **HIGH LEVEL LANGUAGES**
 RT COMMUNICATION THEORY
 LANGUAGE PROGRAMMING
 SYMBOLS

HIGH MELTING COMPOUNDS
 USE REFRACTORY MATERIALS

HIGH PASS FILTERS
 RT ELECTRIC FILTERS
 ELECTROMAGNETIC WAVE FILTERS
 ∞ FILTERS
 MICROWAVE FILTERS
 OPTICAL FILTERS

HIGH POLYMERS
 RT ∞ POLYMERS

HIGH POWER LASERS
 UF HIGH INTENSITY LASERS
 GS STIMULATED EMISSION DEVICES
 . . . LASERS
 . . . **HIGH POWER LASERS**
 . . . NOVA LASER SYSTEM
 . . . SHIVA LASER SYSTEM
 RT GLASS LASERS
 LASER FUSION
 LASER OUTPUTS
 OPTICAL COMMUNICATION

HIGH PRESSURE
 GS PRESSURE
 . . . **HIGH PRESSURE**
 RT ANTICYCLONES
 CRITICAL PRESSURE
 HYPERBARIC CHAMBERS
 LOW PRESSURE
 SUPERCRITICAL PRESSURES
 TRANSITION PRESSURE
 VACUUM

HIGH PRESSURE OXYGEN
 GS GASES
 . . . COMPRESSED GAS
 . . . **HIGH PRESSURE OXYGEN**
 . . . OXYGEN
 . . . **HIGH PRESSURE OXYGEN**
 RT FIRE PREVENTION
 SPACECRAFT CABIN ATMOSPHERES

HIGH Q
 USE Q FACTORS

∞ **HIGH RESISTANCE**
 SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)*
 RT CHEMICAL PROPERTIES
 ELECTRICAL RESISTANCE
 FLOW RESISTANCE
 MECHANICAL PROPERTIES
 ∞ PHYSICAL PROPERTIES
 ∞ RESISTANCE
 ∞ RUGGEDNESS
 THERMAL RESISTANCE

HIGH RESOLUTION
 GS RESOLUTION
 . . . **HIGH RESOLUTION**
 RT ACCURACY
 ANGULAR RESOLUTION

HIGH RESOLUTION-(CONT.)
 PRECISION
 SPATIAL RESOLUTION

HIGH RESOLUTION COVERAGE ANTENNAS
 UF HICAT (RADAR TECHNIQUE)
 HICAT PROJECT
 RT RADAR ANTENNAS
 RADAR RESOLUTION

HIGH SPEED
 UF HIGH SPEED FLIGHT
 GS RATES (PER TIME)
 . . . **HIGH SPEED**
 . . . VELOCITY
 . . . **HIGH SPEED**
 RT AIRSPEED
 ESCAPE VELOCITY
 GROUND SPEED
 HYPERSONIC SPEED
 LANDING SPEED
 LIGHT SPEED
 RELATIVISTIC VELOCITY
 ROTOR SPEED
 SUPERSONIC SPEEDS

HIGH SPEED CAMERAS
 GS OPTICAL EQUIPMENT
 . . . CAMERAS
 . . . **HIGH SPEED CAMERAS**
 . . . FRAMING CAMERAS
 PHOTOGRAPHIC EQUIPMENT
 . . . CAMERAS
 . . . **HIGH SPEED CAMERAS**
 . . . FRAMING CAMERAS
 RT BALLISTIC CAMERAS
 FRAME PHOTOGRAPHY
 ROTATING MIRRORS
 STREAK PHOTOGRAPHY
 STROBOSCOPES

HIGH SPEED FLIGHT
 USE FLIGHT
 HIGH SPEED

HIGH SPEED TRANSPORTATION
 USE RAPID TRANSIT SYSTEMS

HIGH STRENGTH
 GS MECHANICAL PROPERTIES
 . . . **HIGH STRENGTH**
 RT COMPRESSIVE STRENGTH
 SHEAR STRENGTH
 ∞ STRENGTH
 TENSILE STRENGTH
 TENSILE STRESS
 YIELD STRENGTH

HIGH STRENGTH ALLOYS
 GS ALLOYS
 . . . **HIGH STRENGTH ALLOYS**
 . . . ASTROLOY (TRADEMARK)
 . . . HIGH STRENGTH STEELS
 . . . MARAGING STEELS
 RT TENSILE PROPERTIES

HIGH STRENGTH STEELS
 UF LOW ALLOY STEELS
 GS ALLOYS
 . . . HIGH STRENGTH ALLOYS
 . . . **HIGH STRENGTH STEELS**
 . . . MARAGING STEELS
 . . . IRON ALLOYS
 . . . STEELS
 . . . **HIGH STRENGTH STEELS**
 . . . MARAGING STEELS
 RT CARBON STEELS

HIGH TEMPERATURE
 GS TEMPERATURE
 . . . **HIGH TEMPERATURE**
 RT SIALON
 TEMPERATURE MEASUREMENT

HIGH TEMPERATURE AIR
 UF HOT AIR
 GS GASES
 . . . AIR
 . . . **HIGH TEMPERATURE AIR**
 . . . HIGH TEMPERATURE GASES
 . . . **HIGH TEMPERATURE AIR**
 HIGH TEMPERATURE FLUIDS
 HIGH TEMPERATURE GASES
 . . . **HIGH TEMPERATURE AIR**

HIGH TEMPERATURE ALLOYS
 USE HEAT RESISTANT ALLOYS

HIGH TEMPERATURE ENVIRONMENTS
 GS ENVIRONMENTS
 . . . **HIGH TEMPERATURE ENVIRONMENTS**
 RT DRY HEAT
 HEAT ACCLIMATIZATION
 LUNAR TEMPERATURE
 THERMAL ENVIRONMENTS
 THERMAL FATIGUE

HIGH TEMPERATURE FLUIDS
 GS **HIGH TEMPERATURE FLUIDS**
 . . . HIGH TEMPERATURE GASES
 . . . HIGH TEMPERATURE AIR
 RT ∞ FLUIDS
 HYDRAULIC FLUIDS
 PLASMAS (PHYSICS)
 WORKING FLUIDS

HIGH TEMPERATURE GAS COOLED REACTORS
 UF HTGR
 GS NUCLEAR REACTORS
 . . . GAS COOLED REACTORS
 . . . HIGH TEMPERATURE NUCLEAR REACTORS
 . . . **HIGH TEMPERATURE GAS COOLED REACTORS**
 RT NUCLEAR POWER REACTORS

HIGH TEMPERATURE GASES
 UF HOT GAS SYSTEMS
 HOT GASES
 HOT JET EXHAUST
 GS GASES
 . . . **HIGH TEMPERATURE GASES**
 . . . HIGH TEMPERATURE AIR
 HIGH TEMPERATURE FLUIDS
 . . . **HIGH TEMPERATURE GASES**
 . . . HIGH TEMPERATURE AIR
 RT COMBUSTION PRODUCTS
 EXHAUST EMISSION
 IONIZED GASES
 PNEUMATIC PROBES
 RAREFIED GASES
 SHOCK WAVE PROPAGATION

HIGH TEMPERATURE LUBRICANTS
 GS LUBRICANTS
 . . . **HIGH TEMPERATURE LUBRICANTS**
 RT GAS BEARINGS
 GAS LUBRICANTS
 THERMAL RESISTANCE

HIGH TEMPERATURE MATERIALS
 USE REFRACTORY MATERIALS

HIGH TEMPERATURE NUCLEAR REACTORS
 UF LOS ALAMOS TURRET REACTOR
 UHTREX (NUCLEAR REACTORS)
 GS NUCLEAR REACTORS
 . . . GAS COOLED REACTORS
 . . . **HIGH TEMPERATURE NUCLEAR REACTORS**
 . . . HIGH TEMPERATURE GAS COOLED REACTORS
 . . . NUCLEAR RESEARCH AND TEST REACTORS
 . . . **HIGH TEMPERATURE NUCLEAR REACTORS**
 RT NUCLEAR PROPULSION
 REACTOR DESIGN
 REACTOR TECHNOLOGY
 ∞ REACTORS

HIGH TEMPERATURE PLASMAS
 UF HOT PLASMAS
 GS GASES
 . . . IONIZED GASES
 . . . CHARGED PARTICLES
 . . . **HIGH TEMPERATURE PLASMAS**
 PARTICLES
 . . . CHARGED PARTICLES
 . . . ENERGETIC PARTICLES
 . . . PLASMAS (PHYSICS)
 . . . **HIGH TEMPERATURE PLASMAS**
 RT BOLTZMANN-VLASOV EQUATION
 COLLISIONAL PLASMAS
 DENSE PLASMAS
 ELECTRON PLASMA
 HELIOS PROJECT
 RELATIVISTIC PLASMAS
 STRONGLY COUPLED PLASMAS
 THERMAL PLASMAS

HIGH TEMPERATURE PROPELLANTS

HIGH TEMPERATURE PROPELLANTS

- GS PROPELLANTS
 - . HIGH TEMPERATURE PROPELLANTS
- RT ELECTROTHERMAL ENGINES
 - GELLED PROPELLANTS
 - GELLED ROCKET PROPELLANTS
 - ION PROPULSION
 - NUCLEAR PROPULSION
 - PLASMA ENGINES
 - SOLID PROPELLANTS
 - STORABLE PROPELLANTS

HIGH TEMPERATURE RESEARCH

- GS RESEARCH
 - . HIGH TEMPERATURE RESEARCH
- RT PLASMA GENERATORS
 - REFRACTORY MATERIALS

HIGH TEMPERATURE TESTS

- UF HEAT TESTS
- GS ENVIRONMENTAL TESTS
 - . HIGH TEMPERATURE TESTS
- RT BOMB CALORIMETERS
 - CALORIMETERS
 - CHEMICAL TESTS
 - COLD STRENGTH
 - COLD WEATHER TESTS
 - CRYOSTATS
 - DROP CALORIMETERS
 - FLAME CALORIMETERS
 - HARDNESS TESTS
 - LUBRICANT TESTS
 - . MATERIALS TESTS
 - MELTING POINTS
 - NONDESTRUCTIVE TESTS
 - TEMPERATURE CONTROL
 - THERMAL EXPANSION
 - THERMAL RESISTANCE
 - THERMAL SHOCK
 - THERMAL STABILITY
 - THERMODYNAMIC PROPERTIES
 - TRANSPORT PROPERTIES

HIGH THRUST

- GS THRUST
 - . HIGH THRUST
- RT JET THRUST
 - LOW THRUST
 - ROCKET THRUST
 - THRUST AUGMENTATION
 - VARIABLE THRUST

HIGH VACUUM

- GS PRESSURE
 - . VACUUM
 - . . HIGH VACUUM
- RT COLD WELDING
 - LOW VACUUM
 - MOLECULAR SHIELDS
 - RESIDUAL GAS
 - SPACE MANUFACTURING
 - ULTRAHIGH VACUUM
 - VACUUM APPARATUS
 - VACUUM TESTS

HIGH VACUUM ORBITAL SIMULATOR

- UF HIVOS (SIMULATOR)
- GS SIMULATORS
 - . ENVIRONMENT SIMULATORS
 - . . SPACE SIMULATORS
 - . . . HIGH VACUUM ORBITAL SIMULATOR
- RT SPACE ENVIRONMENT SIMULATION

HIGH VOLTAGES

- RT ELECTRIC CURRENT
 - ELECTRIC POTENTIAL
 - HIGH CURRENT

HIGHLANDS

- RT COLORADO PLATEAU (US)
 - MESAS
 - MOUNTAINS
 - PLATEAUS
 - TOPOGRAPHY

HIGHLY ECCENTRIC ORBIT SATELLITES

- USE HEOS SATELLITES

HIGHWAYS

- GS ROADS
 - . HIGHWAYS
- RT AIR BAG RESTRAINT DEVICES
 - BRIDGES (STRUCTURES)

HIGHWAYS-(CONT.)

- CONSTRUCTION
- CRASHES
- INTERSECTIONS
- PAVEMENTS
- RAMPS (STRUCTURES)
- RAPID TRANSIT SYSTEMS
- REGIONAL PLANNING
- STREETS
- TRANSPORTATION
- TRANSPORTATION NETWORKS
- URBAN PLANNING

HIJACKING

- USE AIR PIRACY

HILBERT SPACE

- GS ALGEBRA
 - . VECTOR SPACES
 - . . HILBERT SPACE
 - . . . BANACH SPACE
- ANALYSIS (MATHEMATICS)
 - . FUNCTION SPACE
 - . . HILBERT SPACE
 - . . . BANACH SPACE
 - . FUNCTIONAL ANALYSIS
 - . . HILBERT SPACE
 - . . . BANACH SPACE

HILBERT TRANSFORMATION

- GS ANALYSIS (MATHEMATICS)
 - . FUNCTIONAL ANALYSIS
 - . . INTEGRAL TRANSFORMATIONS
 - . . . HILBERT TRANSFORMATION

HILL CURVES

- USE HILL METHOD

HILL DETERMINANT

- GS ANALYSIS (MATHEMATICS)
 - . HILL DETERMINANT
- RT DIFFERENTIAL EQUATIONS
 - EIGENVALUES
 - MATHIEU FUNCTION

HILL LUNAR THEORY

- RT EARTH ORBITS
 - ORBITAL MECHANICS
 - PERTURBATION THEORY
 - . THEORIES

HILL METHOD

- UF HILL CURVES
- RT EARTH ORBITS
 - . METHODOLOGY
 - ORBITAL MECHANICS
 - PERTURBATION THEORY

HILLER AIRCRAFT

- UF HILLER MILITARY AIRCRAFT
- GS HILLER AIRCRAFT
 - . HILLER 1123 HELICOPTER
 - . OH-5 HELICOPTER
- RT . AIRCRAFT

HILLER MILITARY AIRCRAFT

- USE HILLER AIRCRAFT
 - MILITARY AIRCRAFT

HILLER 1098 CONVERTAPLANE

- GS FAIRCHILD-HILLER AIRCRAFT
 - . HILLER 1098 CONVERTAPLANE
 - V/STOL AIRCRAFT
 - . HILLER 1098 CONVERTAPLANE

HILLER 1123 HELICOPTER

- GS FAIRCHILD-HILLER AIRCRAFT
 - . HILLER 1123 HELICOPTER
 - HILLER AIRCRAFT
 - . HILLER 1123 HELICOPTER
 - V/STOL AIRCRAFT
 - . ROTARY WING AIRCRAFT
 - . . HELICOPTERS
 - . . . HILLER 1123 HELICOPTER

HILSCH TUBES

- UF VORTEX TUBES
- RT COAXIAL FLOW
 - COOLING
 - HEATING
 - . TUBES
 - VORTEX GENERATORS
 - VORTICES

NASA THESAURUS (VOLUME 1)

HIMALAYAS

- GS LANDFORMS
 - . MOUNTAINS
 - . . HIMALAYAS
- RT ASIA
 - BHUTAN

HINDRANCE

- USE CONSTRAINTS

HINGE MOMENTS

- USE TORQUE

HINGED ROTOR BLADES

- USE HINGES
 - ROTARY WINGS

HINGELESS ROTORS

- USE RIGID ROTORS

HINGES

- UF HINGED ROTOR BLADES
- GS HINGES
 - . FLAPPING HINGES
- RT BEARINGLESS ROTORS
 - PIVOTS
 - SWIVELS

HIPPOCAMPUS

- GS ANATOMY
 - . BRAIN
 - . . HIPPOCAMPUS
 - NERVOUS SYSTEM
 - . CENTRAL NERVOUS SYSTEM
 - . . BRAIN
 - . . . HIPPOCAMPUS

HIPPURIC ACID

- GS ACIDS
 - . AMINO ACIDS
 - . . HIPPURIC ACID
 - ALIPHATIC COMPOUNDS
 - . HIPPURIC ACID
 - ORGANIC COMPOUNDS
 - . AMINO ACIDS
 - . . HIPPURIC ACID

HIS BUNDLE

- RT CARDIAC AURICLES
 - CARDIAC VENTRICLES
 - ELECTROPHYSIOLOGY
 - HEART DISEASES
 - HEART FUNCTION
 - NERVES

HISS

- GS ELECTROMAGNETIC INTERFERENCE
 - . RADIO FREQUENCY INTERFERENCE
 - . . BLACKOUT (PROPAGATION)
 - . . . ELECTROMAGNETIC NOISE
 - ATMOSPHERICS
 - IONOSPHERICS
 - HISS

HISTAMINES

- GS DRUGS
 - . HISTAMINES
- RT AMINES
 - ANTIHISTAMINICS
 - ITCHING

HISTIDINE

- GS ACIDS
 - . AMINO ACIDS
 - . . HISTIDINE
 - AMINES
 - . HISTIDINE
 - ORGANIC COMPOUNDS
 - . AMINO ACIDS
 - . . HISTIDINE

HISTOCHEMICAL ANALYSIS

- RT BIOASSAY
 - BIOCHEMISTRY
 - CELLS (BIOLOGY)
 - ORGANIC CHEMISTRY
 - TISSUES (BIOLOGY)

HISTOGRAMS

- RT DISCRETE FUNCTIONS
 - GRAPHS (CHARTS)
 - NORMAL DENSITY FUNCTIONS

NASA THESAURUS (VOLUME 1)

HISTOLOGY

GS MEDICAL SCIENCE
 . HISTOLOGY
 RT EPITHELIUM
 MORPHOLOGY
 PLATELETS

HISTORIES

GS HISTORIES
 . CASE HISTORIES
 RT DOCUMENTATION
 MUSEUMS
 PALEONTOLOGY
 PEACETIME
 RECORDS

HITAB PROGRAM

USE HIGH ALT TARGET AND BACKGROUND
 MEASUREMENT

HIVOS (SIMULATOR)

USE HIGH VACUUM ORBITAL SIMULATOR

HL-10 REENTRY VEHICLE

GS GLIDERS
 . HL-10 REENTRY VEHICLE
 LIFTING BODIES
 . LIFTING REENTRY VEHICLES
 . HL-10 REENTRY VEHICLE
 MANEUVERABLE SPACECRAFT
 LIFTING REENTRY VEHICLES
 . HL-10 REENTRY VEHICLE
 REENTRY VEHICLES
 LIFTING REENTRY VEHICLES
 . HL-10 REENTRY VEHICLE
 RT HYPERSONIC GLIDERS

HLD-35 REENTRY VEHICLE

GS HYPERSONIC VEHICLES
 LIFTING REENTRY VEHICLES
 . HLD-35 REENTRY VEHICLE
 LIFTING BODIES
 LIFTING REENTRY VEHICLES
 . HLD-35 REENTRY VEHICLE
 MANEUVERABLE SPACECRAFT
 LIFTING REENTRY VEHICLES
 . HLD-35 REENTRY VEHICLE
 REENTRY VEHICLES
 LIFTING REENTRY VEHICLES
 . HLD-35 REENTRY VEHICLE
 RT HYPERSONIC GLIDERS

HLLV

USE HEAVY LIFT LAUNCH VEHICLES

HMX

UF CYCLOTETRAMETHYLENE
 TETRANITRAMINE
 TETRANITROTETRAZACYCLOCTANE
 EXPLOSIVES
 RT

HNPF (HALLAM NUCLEAR POWER FACILITY)

USE HALLAM NUCLEAR POWER FACILITY

HNST

USE HEXANITROSTILBENE

HO-4 HELICOPTER

USE OH-4 HELICOPTER

HO-5 HELICOPTER

USE OH-5 HELICOPTER

HO-6 HELICOPTER

USE OH-6 HELICOPTER

HODGKINSONITE

GS MANGANESE COMPOUNDS
 . HODGKINSONITE
 MINERALS
 . HODGKINSONITE
 SILICON COMPOUNDS
 . SILICATES
 . HODGKINSONITE
 ZINC COMPOUNDS
 . HODGKINSONITE

HODOGRAPHS

RT CHAPLYGIN EQUATION
 KINEMATICS
 VECTOR SPACES

HODOSCOPES

GS MEASURING INSTRUMENTS

HODOSCOPES-(CONT.)

. RADIATION MEASURING INSTRUMENTS
 . HODOSCOPES
 RT RADIATION COUNTERS

HOGBACKS

USE RIDGES

HOHLRAUMS

RT BLACK BODY RADIATION
 EMISSIVITY

HOHMANN TRAJECTORIES

USE ELLIPTICAL ORBITS
 TRANSFER ORBITS

HOHMANN TRANSFER ORBITS

USE ELLIPTICAL ORBITS
 TRANSFER ORBITS

HOLDERS

GS HOLDERS
 . FLAME HOLDERS
 RT ANCHORS (FASTENERS)
 . BANDS
 BOLTS
 BRACKETS
 CLAMPS
 CLIPS
 FASTENERS
 JIGS
 LATCHES
 LUGS
 MECHANICAL DEVICES
 NUTS (FASTENERS)
 PINS
 POSITIONING DEVICES (MACHINERY)
 RIVETS
 SCREWS
 . SPIKES
 SPLINES
 STRAPS
 STUDS (STRUCTURAL MEMBERS)
 ZIPPERS

∞ HOLDING

SN (USE OF A MORE SPECIFIC TERM IS
 RECOMMENDED--CONSULT THE TERMS
 LISTED BELOW)
 RT CONSTRAINTS
 DELAY
 RETAINING
 STOPPING

∞ HOLE DISTRIBUTION

SN (USE OF A MORE SPECIFIC TERM IS
 RECOMMENDED--CONSULT THE TERMS
 LISTED BELOW)
 RT CURRENT DISTRIBUTION
 HOLE DISTRIBUTION (ELECTRONICS)
 HOLE DISTRIBUTION (MECHANICS)

HOLE DISTRIBUTION (ELECTRONICS)

GS DISTRIBUTION (PROPERTY)
 . HOLE DISTRIBUTION (ELECTRONICS)
 RT CHARGE DISTRIBUTION
 CURRENT DISTRIBUTION
 . HOLE DISTRIBUTION
 HOLES (ELECTRON DEFICIENCIES)
 SEMICONDUCTORS (MATERIALS)

HOLE DISTRIBUTION (MECHANICS)

GS DISTRIBUTION (PROPERTY)
 . HOLE DISTRIBUTION (MECHANICS)
 RT CAVITIES
 . HOLE DISTRIBUTION
 PERFORATED SHELLS
 POROSITY
 STRESS CONCENTRATION
 VOID RATIO

HOLE GEOMETRY (MECHANICS)

RT FRACTURE MECHANICS
 PERFORATED PLATES
 PERFORATED SHELLS
 STRESS CONCENTRATION
 STRESS INTENSITY FACTORS
 STRUCTURAL ANALYSIS

HOLE MOBILITY

GS MOBILITY
 . HOLE MOBILITY
 TRANSPORT PROPERTIES
 CARRIER MOBILITY

HOLOGRAPHIC INTERFEROMETRY

HOLE MOBILITY-(CONT.)

RT . HOLE MOBILITY
 ATOMIC MOBILITIES
 CHARGE CARRIERS
 ELECTROMIGRATION
 ELECTRON MOBILITY
 HOLES (ELECTRON DEFICIENCIES)
 ∞ SOLID STATE PHYSICS

∞ HOLES

SN (USE OF A MORE SPECIFIC TERM IS
 RECOMMENDED--CONSULT THE TERMS
 LISTED BELOW)
 RT BOREHOLES
 CAVITIES
 CORONAL HOLES
 GAPS
 HOLES (ELECTRON DEFICIENCIES)

HOLES (ELECTRON DEFICIENCIES)

GS CHARGE CARRIERS
 . HOLES (ELECTRON DEFICIENCIES)
 RT ACCEPTOR MATERIALS
 CRYSTAL DEFECTS
 DONOR MATERIALS
 ELECTRONS
 EXCITONS
 HOLE DISTRIBUTION (ELECTRONICS)
 HOLE MOBILITY
 . HOLES
 MAJORITY CARRIERS
 . MATERIALS
 MINORITY CARRIERS
 ORDER-DISORDER TRANSFORMATIONS
 P-TYPE SEMICONDUCTORS
 SEMICONDUCTOR PLASMAS
 SEMICONDUCTORS (MATERIALS)
 SUHL EFFECT
 VACANCIES (CRYSTAL DEFECTS)

HOLLAND

USE NETHERLANDS

∞ HOLLOW

SN (USE OF A MORE SPECIFIC TERM IS
 RECOMMENDED--CONSULT THE TERMS
 LISTED BELOW)
 RT CAVITIES
 . DEPRESSION
 RECESSES

HOLLOW CATHODES

GS ELECTRODES
 . CATHODES
 . . HOLLOW CATHODES
 RT TUBE CATHODES
 TUNNEL CATHODES

HOLMIUM

GS CHEMICAL ELEMENTS
 . RARE EARTH ELEMENTS
 . . HOLMIUM
 . . . HOLMIUM ISOTOPES
 METALS
 . RARE EARTH ELEMENTS
 . . HOLMIUM
 . . . HOLMIUM ISOTOPES

HOLMIUM ISOTOPES

GS CHEMICAL ELEMENTS
 . NUCLIDES
 . ISOTOPES
 . . HOLMIUM ISOTOPES
 . RARE EARTH ELEMENTS
 . . HOLMIUM
 . . . HOLMIUM ISOTOPES
 METALS
 . RARE EARTH ELEMENTS
 . . HOLMIUM
 . . . HOLMIUM ISOTOPES

HOLOGRAMMETRY

RT HOLOGRAPHY
 IMAGING TECHNIQUES
 PHOTOGRAPHIC RECORDING
 PHOTOMAPPING
 TERRAIN ANALYSIS

HOLOGRAPHIC INTERFEROMETRY

GS INTERFEROMETRY
 . HOLOGRAPHIC INTERFEROMETRY
 RT COHERENT LIGHT
 DIFFRACTION PATTERNS
 HOLOGRAPHY

HOLOGRAPHIC SPECTROSCOPY

HOLOGRAPHIC INTERFEROMETRY-(CONT.)

LASER OUTPUTS
MOIRE INTERFEROMETRY
SCATTER PLATES (OPTICS)
WAVE FRONT RECONSTRUCTION

HOLOGRAPHIC SPECTROSCOPY

GS SPECTROSCOPY
RT . HOLOGRAPHIC SPECTROSCOPY
FOURIER TRANSFORMATION
HOLOGRAPHY
SPECTRUM ANALYSIS
WAVE FRONT RECONSTRUCTION

HOLOGRAPHIC SUBTRACTION

UF SELF SUBTRACTION HOLOGRAPHY
RT HOLOGRAPHY

HOLOGRAPHY

GS IMAGERY
RT . HOLOGRAPHY
ACOUSTICAL HOLOGRAPHY
MICROWAVE HOLOGRAPHY
WHITE LIGHT HOLOGRAPHY
PHOTOGRAPHY
HOLOGRAPHY
ACOUSTICAL HOLOGRAPHY
MICROWAVE HOLOGRAPHY
WHITE LIGHT HOLOGRAPHY
COHERENT ELECTROMAGNETIC RADIATION
COHERENT LIGHT
DATA STORAGE
HOLOGRAMMETRY
HOLOGRAPHIC INTERFEROMETRY
HOLOGRAPHIC SPECTROSCOPY
HOLOGRAPHIC SUBTRACTION
IMAGE CORRELATORS
IMAGE RECONSTRUCTION
KINOFORM
LASERS
OPTICAL MEMORY (DATA STORAGE)
SCATTER PLATES (OPTICS)
SPATIAL FILTERING
SPECKLE PATTERNS
WAVE FRONT RECONSTRUCTION

HOMOMORPHISM

USE ANALYTIC FUNCTIONS

HOMEOSTASIS

RT ACCLIMATIZATION
ACID BASE EQUILIBRIUM
ADAPTATION
BODY TEMPERATURE
COLD TOLERANCE
COLLOIDS
EQUILIBRIUM
FIBRINOGEN
HORMONES
METABOLISM
NERVOUS SYSTEM
OSMOSIS
PHYSIOLOGY
RESPIRATORY SYSTEM
SKIN (ANATOMY)
STRESS (PHYSIOLOGY)
THERMOREGULATION
THROMBOPLASTIN
WATER BALANCE

HOMEOTHERMS

RT ANIMALS
BIRDS
BODY TEMPERATURE
VERTEBRATES

HOMING

RT AUTOMATIC PILOTS
BEACONS
GUIDANCE (MOTION)
MISSILE CONTROL
RADIO DIRECTION FINDERS
TERMINAL GUIDANCE

HOMING DEVICES

UF SEEKERS
RT BEACONS
GUIDANCE (MOTION)
INFRARED TRACKING
LASER GUIDANCE
MISSILES
NAVIGATION
NAVIGATION AIDS
RADIO BEACONS

HOMING DEVICES-(CONT.)

RADIO DIRECTION FINDERS
RADIO NAVIGATION
RENDEZVOUS GUIDANCE
SOLAR COMPASSES
TRAJECTORY CONTROL

HOMODYNE RECEPTION

RT FREQUENCY SYNCHRONIZATION
RADIO RECEPTION
SIGNAL RECEPTION

HOMOGENEITY

RT ANISOTROPIC MEDIA
HOMOGENIZING
SAMPLING
STATISTICAL TESTS
UNITY
VARIANCE (STATISTICS)

HOMOGENEOUS TURBULENCE

GS TURBULENCE
RT . HOMOGENEOUS TURBULENCE
ATMOSPHERIC TURBULENCE
FLUCTUATION THEORY
ISOTROPIC TURBULENCE
LOW LEVEL TURBULENCE
MAGNETOHYDRODYNAMIC TURBULENCE

HOMOGENIZATION

USE HOMOGENIZING

HOMOGENIZING

UF HOMOGENIZATION
GS MIXING
RT . HOMOGENIZING
AGITATION
COLLOIDING
COMPOUNDING
DISPERSING
DISSOLVING
HOMOGENEITY
PREMIXING
SEPARATION
SUSPENDING (MIXING)

HOMOJUNCTIONS

GS ELECTRIC GENERATORS
DIRECT POWER GENERATORS
SOLAR CELLS
HOMOJUNCTIONS
SOLAR GENERATORS
SOLAR CELLS
HOMOJUNCTIONS
RT HETEROJUNCTION DEVICES
HETEROJUNCTIONS
SEMICONDUCTOR JUNCTIONS
SILICON JUNCTIONS

HOMOLOGY

UF COHOMOLOGY
RT ANALOGIES
DUALITY THEOREM
MATCHING
RELATIONSHIPS
TOPOLOGY

HOMOMORPHISMS

GS ALGEBRA
GROUP THEORY
HOMOMORPHISMS
AUTOMORPHISMS
MONOIDS
SUBGROUPS
RT FIELD THEORY (ALGEBRA)
ISOMORPHISM

HOMOPOLAR GENERATORS

GS ELECTRIC GENERATORS
ROTATING GENERATORS
HOMOPOLAR GENERATORS
RT DIRECT CURRENT
ELECTRIC EQUIPMENT
ELECTROMECHANICAL DEVICES
GENERATORS

HOMOSPHERE

GS EARTH ATMOSPHERE
HOMOSPHERE
MIDDLE ATMOSPHERE
CHEMOSPHERE
STRATOSPHERE
RT BIOSPHERE
IONOSPHERE

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HOMOSPHERE-(CONT.)

LOWER ATMOSPHERE
MESOSPHERE
OZONOSPHERE
STRATOSPHERE
THERMOSPHERE
TROPOSPHERE
UPPER ATMOSPHERE

HOMOTOPY THEORY

GS GEOMETRY
TOPOLOGY
RT . HOMOTOPY THEORY
CURVES (GEOMETRY)
FIBERS (MATHEMATICS)
THEORIES

HOMOTROPY

RT SEEDS

HONDURAS

RT CENTRAL AMERICA
NATIONS

HONEST JOHN ROCKET VEHICLE

GS ROCKET VEHICLES
SINGLE STAGE ROCKET VEHICLES
HONEST JOHN ROCKET VEHICLE
SURFACE TO SURFACE ROCKETS
HONEST JOHN ROCKET VEHICLE
RT ARGO D-4 ROCKET VEHICLE
ARGO E-5 ROCKET VEHICLE
EXOS SOUNDING ROCKET
HERCULES ENGINE
JASON ROCKET VEHICLE
SOLID PROPELLANT ROCKET ENGINES
STRONGARM ROCKET VEHICLE
TRAILBLAZER 1 REENTRY VEHICLE

HONEYCOMB CORES

GS CORES
HONEYCOMB CORES
HONEYCOMB STRUCTURES
HONEYCOMB CORES
RT CERAMIC HONEYCOMBS
COMPOSITE STRUCTURES
LOW DENSITY MATERIALS
SANDWICH STRUCTURES

HONEYCOMB STRUCTURES

GS HONEYCOMB STRUCTURES
HONEYCOMB CORES
RT CELLS
CERAMIC HONEYCOMBS
COMPOSITE STRUCTURES
HEXAGONAL CELLS
INSULATION
LAMINATES
LOW DENSITY MATERIALS
METAL FOILS
POROUS MATERIALS
SANDWICH STRUCTURES
STRUCTURES

HONEYWELL ADEPT COMPUTER

GS DATA PROCESSING EQUIPMENT
COMPUTERS
DIGITAL COMPUTERS
HONEYWELL COMPUTERS
HONEYWELL ADEPT COMPUTER

HONEYWELL COMPUTERS

GS DATA PROCESSING EQUIPMENT
COMPUTERS
DIGITAL COMPUTERS
HONEYWELL COMPUTERS
DDP 516 COMPUTER
HONEYWELL ADEPT COMPUTER
HONEYWELL DDP 116 COMPUTER
HONEYWELL 600/6000 COMPUTER

HONEYWELL DDP 116 COMPUTER

GS DATA PROCESSING EQUIPMENT
COMPUTERS
DIGITAL COMPUTERS
HONEYWELL COMPUTERS
HONEYWELL DDP 116 COMPUTER

HONEYWELL 600/6000 COMPUTER

GS DATA PROCESSING EQUIPMENT
COMPUTERS
ANALOG COMPUTERS
HONEYWELL 600/6000 COMPUTER
DIGITAL COMPUTERS

HONEYWELL 600/6000 COMPUTER-(CONT.)

- ... HONEYWELL COMPUTERS
- ... HONEYWELL 600/6000 COMPUTER

HONG KONG

- RT ASIA
- ∞ CHINA
- CHINA (TAIWAN)
- NATIONS

HONING

- RT SCRAPERS
- SMOOTHING

HOOKES LAW

- GS LAWS
- ... HOOKES LAW
- ELASTIC PROPERTIES
- FIBER STRENGTH
- MAXWELL BODIES
- MODULUS OF ELASTICITY
- SHEAR PROPERTIES
- STRESS-STRAIN DIAGRAMS

HOOKS

- RT FASTENERS
- FORKS
- SWIVELS

HOOPS

- RT RING STRUCTURES
- TENSILE STRESS

HOPCALITE (TRADEMARK)

- GS CATALYSTS
- ... HOPCALITE (TRADEMARK)
- CHALCOGENIDES
- OXIDES
- ... METAL OXIDES
- ... MANGANESE OXIDES
- ... HOPCALITE (TRADEMARK)
- MANGANESE COMPOUNDS
- ... MANGANESE OXIDES
- ... HOPCALITE (TRADEMARK)
- RT AIR PURIFICATION
- CARBON MONOXIDE
- GAS ANALYSIS

HOPPERS

- RT ∞ CONTAINERS
- MATERIALS HANDLING
- PACKAGING

HORIZON

- GS HORIZON
- ... RADIO HORIZONS
- RT CELESTIAL SPHERE
- GYRO HORIZONS
- RANGE (EXTREMES)

HORIZON AIRCRAFT

- USE GY-80 AIRCRAFT

HORIZON SCANNERS

- UF HORIZON SENSING
- INFRARED HORIZON SCANNERS
- GS FLIGHT INSTRUMENTS
- ... HORIZON SCANNERS
- SCANNERS
- ... HORIZON SCANNERS
- RT ATTITUDE CONTROL
- INFRARED SCANNERS
- NAVIGATION INSTRUMENTS
- OPTICAL EQUIPMENT
- PHOTOMETERS
- RADIO HORIZONS
- RADIOMETERS
- SCANNER PROJECT

HORIZON SENSING

- USE HORIZON SCANNERS

HORIZONTAL BRANCH STARS

- GS CELESTIAL BODIES
- ... GLOBULAR CLUSTERS
- ... HORIZONTAL BRANCH STARS
- RT HERTZSPRUNG-RUSSELL DIAGRAM
- STELLAR EVOLUTION
- STELLAR LUMINOSITY
- STELLAR SPECTRA
- STELLAR SPECTROPHOTOMETRY

HORIZONTAL FLIGHT

- RT AERODYNAMIC BALANCE

HORIZONTAL FLIGHT-(CONT.)

- AIRCRAFT STABILITY
- CLIMBING FLIGHT
- CRUISING FLIGHT
- ∞ FLIGHT
- FLIGHT PATHS
- ROCKET FLIGHT
- SOARING
- TURNING FLIGHT

HORIZONTAL ORIENTATION

- RT ALIGNMENT
- ATTITUDE (INCLINATION)
- DIRECTIONAL STABILITY
- DYNAMIC STABILITY
- ∞ ORIENTATION
- STABILIZATION
- VERTICAL ORIENTATION

HORIZONTAL SPACECRAFT LANDING

- GS LANDING
- ... GLIDE LANDINGS
- ... HORIZONTAL SPACECRAFT LANDING
- SPACECRAFT LANDING
- ... HORIZONTAL SPACECRAFT LANDING
- RT APPROACH AND LANDING TESTS (STS)
- CRASH LANDING
- PLANETARY LANDING
- SOFT LANDING
- WATER LANDING

HORIZONTAL STABILIZERS

- USE STABILIZERS (FLUID DYNAMICS)

HORIZONTAL TAIL SURFACES

- UF TAIL PLANES
- GS AIRFOILS
- ... HORIZONTAL TAIL SURFACES
- CONTROL SURFACES
- ... HORIZONTAL TAIL SURFACES
- STABILIZERS (FLUID DYNAMICS)
- ... HORIZONTAL TAIL SURFACES
- TAIL SURFACES
- ... HORIZONTAL TAIL SURFACES
- RT AERIAL RUDDERS
- ELEVATORS (CONTROL SURFACES)
- TAIL ASSEMBLIES
- TRAPEZOIDAL TAIL SURFACES

HORMONE METABOLISMS

- GS METABOLISM
- ... HORMONE METABOLISMS
- RT HORMONES

HORMONES

- GS SECRETIONS
- ... ENDOCRINE SECRETIONS
- ... HORMONES
- ... ESTROGENS
- ... HYDROXYCORTICOSTEROID
- ... PITUITARY HORMONES
- ... ADRENOCORTICOTROPIN (ACTH)
- ... PROTAGLANDINS
- RT ENDOCRINE SYSTEMS
- HOMEOSTASIS
- HORMONE METABOLISMS

HORN ANTENNAS

- GS ANTENNAS
- ... DIRECTIONAL ANTENNAS
- ... HORN ANTENNAS
- ... WAVEGUIDE ANTENNAS
- ... HORN ANTENNAS
- MICROWAVE EQUIPMENT
- ... MICROWAVE ANTENNAS
- ... HORN ANTENNAS
- RT ANTENNA DESIGN
- LENS ANTENNAS
- PARABOLIC ANTENNAS
- RADAR ANTENNAS
- SCHLUNKOFF PRINCIPLE
- SIDELobe REDUCTION
- SLOT ANTENNAS

HORNS

- RT AUDITORY SIGNALS
- SCHWARZSCHILD ANTENNAS
- ∞ SIGNALS
- SIRENS
- SOUND GENERATORS
- WARNING
- WARNING SYSTEMS

HORSEPOWER

- RT PHYSICAL WORK
- ∞ POWER
- POWER EFFICIENCY
- WORK

HORSES

- GS ANIMALS
- ... VERTEBRATES
- ... MAMMALS
- ... HORSES
- RT GRAZING
- LIVESTOCK

HOSES

- RT PIPES (TUBES)
- ∞ TUBES

HOSPITALS

- RT EVACUATING (TRANSPORTATION)
- MEDICAL EQUIPMENT

HOT AIR

- USE HIGH TEMPERATURE AIR

HOT ATOMS

- GS ATOMS
- ... HOT ATOMS
- RT BETA PARTICLES
- DECAY
- NEUTRON DECAY

HOT CATHODES

- GS ELECTRODES
- ... CATHODES
- ... TUBE CATHODES
- ... HOT CATHODES
- RT BAYARD-ALPERT IONIZATION GAGES
- IONIZATION GAGES
- THERMIONIC CATHODES

HOT CORROSION

- GS CORROSION
- ... HOT CORROSION
- RT COATINGS
- DAMAGE
- DEGRADATION
- DETERIORATION
- EROSION
- GAS-METAL INTERACTIONS
- METAL COATINGS
- OXIDATION
- PITTING
- RUSTING
- SCALE (CORROSION)
- SURFACE PROPERTIES

HOT CYCLE PROPULSION SYSTEM

- USE TIP DRIVEN ROTORS

HOT ELECTRONS

- GS PARTICLES
- ... CHARGED PARTICLES
- ... ENERGETIC PARTICLES
- ... ELECTRONS
- ... HOT ELECTRONS

HOT EXTRUDING

- USE EXTRUDING

HOT FORMING

- USE HOT WORKING

HOT GAS SYSTEMS

- USE HIGH TEMPERATURE GASES

HOT GASES

- USE HIGH TEMPERATURE GASES

HOT JET EXHAUST

- USE HIGH TEMPERATURE GASES
- JET EXHAUST

HOT JETS

- USE JET FLOW

HOT MACHINING

- GS MACHINING
- ... HOT MACHINING
- RT FORMING TECHNIQUES

HOT PLASMAS

- USE HIGH TEMPERATURE PLASMAS

HOT PRESSING

HOT PRESSING

GS HARDENING (MATERIALS)
 . **HOT PRESSING**
 RT COINING
 COLD PRESSING
 COMPACTING
 FORGING
 METAL WORKING
 ∞ PRESSING
 PRESSING (FORMING)
 SINTERING
 STAMPING
 UPSETTING

HOT STARS

GS CELESTIAL BODIES
 . STARS
 . . **HOT STARS**
 . . . A STARS
 . . . B STARS
 . . . BLUE STARS
 . . . O STARS
 . . . WHITE DWARF STARS
 . . . WOLF-RAYET STARS
 RT PECULIAR STARS

HOT SURFACES

RT HEAT TRANSFER
 ∞ SURFACES

HOT WATER ROCKET ENGINES

GS ENGINES
 . ROCKET ENGINES
 . . **HOT WATER ROCKET ENGINES**

HOT WEATHER

GS WEATHER
 . **HOT WEATHER**
 RT HEAT STROKE
 SUMMER
 TROPICAL REGIONS

HOT WORKING

UF HOT FORMING
 GS FORMING TECHNIQUES
 . **HOT WORKING**
 RT BULGING
 FORGING
 METAL DRAWING
 METAL SPINNING
 METAL WORKING
 PULTRUSION
 SHEARING
 UPSETTING

HOT-FILM ANEMOMETERS

GS DISPLAY DEVICES
 . SPEED INDICATORS
 . . ANEMOMETERS
 . . . **HOT-FILM ANEMOMETERS**
 MEASURING INSTRUMENTS
 . INDICATING INSTRUMENTS
 . . SPEED INDICATORS
 . . . ANEMOMETERS
 **HOT-FILM ANEMOMETERS**
 RT FLOW MEASUREMENT
 METEOROLOGICAL INSTRUMENTS
 SONIC ANEMOMETERS
 VELOCITY MEASUREMENT
 WIND (METEOROLOGY)
 WIND MEASUREMENT
 WIND VANES
 WIND VELOCITY
 WIND VELOCITY MEASUREMENT

HOT-WIRE ANEMOMETERS

GS AIRCRAFT INSTRUMENTS
 . SPEED INDICATORS
 . . ANEMOMETERS
 . . . **HOT-WIRE ANEMOMETERS**
 DISPLAY DEVICES
 . SPEED INDICATORS
 . . ANEMOMETERS
 . . . **HOT-WIRE ANEMOMETERS**
 MEASURING INSTRUMENTS
 . INDICATING INSTRUMENTS
 . . SPEED INDICATORS
 . . . ANEMOMETERS
 **HOT-WIRE ANEMOMETERS**
 RT FLOW MEASUREMENT
 FLOWMETERS
 METEOROLOGICAL INSTRUMENTS
 VELOCITY MEASUREMENT

HOT-WIRE FLOWMETERS

UF HOT-WIRE TURBULENCE METERS
 GS MEASURING INSTRUMENTS
 . FLOWMETERS
 . . **HOT-WIRE FLOWMETERS**
 RT PIRANI GAGES
 PLASMA ELECTRODES
 THERMAL CONDUCTIVITY
 TURBULENCE METERS

HOT-WIRE TURBULENCE METERS

USE HOT-WIRE FLOWMETERS
 TURBULENCE METERS

HOTSHOT WIND TUNNELS

GS TEST FACILITIES
 . WIND TUNNELS
 . . HYPERSONIC WIND TUNNELS
 . . . **HOTSHOT WIND TUNNELS**
 . . . HYPERVELOCITY WIND TUNNELS
 . . . **HOTSHOT WIND TUNNELS**
 RT BLOWDOWN WIND TUNNELS
 SHOCK TUBES
 SHOCK TUNNELS

HOUD DOG MISSILE

GS MISSILES
 . AIR TO SURFACE MISSILES
 . . **HOUD DOG MISSILE**
 RT TURBOJET ENGINES

HOUSEHOLDER TRANSFORMATIONS

GS TRANSFORMATIONS (MATHEMATICS)
 . **HOUSEHOLDER TRANSFORMATIONS**
 RT PROBLEM SOLVING

HOUSEKEEPING (SPACECRAFT)

GS CLEANING
 . **HOUSEKEEPING (SPACECRAFT)**
 CLEANLINESS
 . **HOUSEKEEPING (SPACECRAFT)**
 STERILIZATION
 . **HOUSEKEEPING (SPACECRAFT)**
 WASHING
 . **HOUSEKEEPING (SPACECRAFT)**
 RT HYGIENE
 SANITATION

HOUSINGS

GS HOUSINGS
 . COWLINGS
 . DOGHOUSES (ELECTRONICS)
 . RADOMES
 RT ∞ CONTAINERS
 COVERINGS
 DOMES (STRUCTURAL FORMS)
 ENCLOSURE
 ENCLOSURES
 FAIRINGS
 GUARDS (SHIELDS)
 NACELLES
 PERFORATED SHELLS
 PROTECTION
 PROTECTORS
 PROTUBERANCES
 SHELLS (STRUCTURAL FORMS)
 SHIELDING
 WALLS

HOUSTON (TX)

GS CITIES
 . **HOUSTON (TX)**
 RT TEXAS

HOVERCRAFT

USE GROUND EFFECT MACHINES

HOVERCRAFT GROUND EFFECT MACHINES

UF HD-1 GROUND EFFECT MACHINES
 GS GROUND EFFECT MACHINES
 . **HOVERCRAFT GROUND EFFECT MACHINES**
 RT ∞ AIRCRAFT
 RESEARCH AIRCRAFT
 WATER TAKEOFF AND LANDING
 AIRCRAFT

HOVERING

RT AERODYNAMIC STABILITY
 CUSHIONCRAFT GROUND EFFECT
 MACHINE
 FLUTTER
 GROUND EFFECT MACHINES
 HOVERING ROCKET VEHICLES

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HOVERING-(CONT.)

V/STOL AIRCRAFT
 VERTICAL FLIGHT

HOVERING ROCKET VEHICLES

GS ROCKET VEHICLES
 . **HOVERING ROCKET VEHICLES**
 RT HOVERING
 SOFT LANDING SPACECRAFT

HOVERING STABILITY

GS DYNAMIC CHARACTERISTICS
 . DYNAMIC STABILITY
 . . MOTION STABILITY
 . . . AIRCRAFT STABILITY
 **HOVERING STABILITY**
 STABILITY
 . DYNAMIC STABILITY
 . . MOTION STABILITY
 . . . AIRCRAFT STABILITY
 **HOVERING STABILITY**
 RT ATTITUDE STABILITY
 DIRECTIONAL STABILITY
 GYROSCOPIC STABILITY
 LATERAL STABILITY
 LONGITUDINAL STABILITY
 LOW SPEED STABILITY

HOWITZERS

GS WEAPONS
 . ARTILLERY
 . . **HOWITZERS**
 . GUNS (ORDNANCE)
 . . **HOWITZERS**
 RT BALLISTICS
 GUN LAUNCHERS
 GUNNERY TRAINING

HP-115 AIRCRAFT

UF HANDLEY PAGE HP-115 AIRCRAFT
 GS HANDLEY PAGE AIRCRAFT
 . **HP-115 AIRCRAFT**
 JET AIRCRAFT
 . **HP-115 AIRCRAFT**
 MONOPLANES
 . **HP-115 AIRCRAFT**
 RESEARCH AIRCRAFT
 . **HP-115 AIRCRAFT**
 TAILLESS AIRCRAFT
 . **HP-115 AIRCRAFT**
 RT WING PLANFORMS

HPRR

USE HEALTH PHYSICS RESEARCH REACTOR

HRB-1 HELICOPTER

USE CH-46 HELICOPTER

HS-125 AIRCRAFT

USE DH 125 AIRCRAFT

HS-748 AIRCRAFT

UF AVRO WHITWORTH HS-748 AIRCRAFT
 GS HAWKER SIDDELEY AIRCRAFT
 . **HS-748 AIRCRAFT**
 JET AIRCRAFT
 . **HS-748 AIRCRAFT**
 TURBOPROP AIRCRAFT
 . **HS-748 AIRCRAFT**
 MONOPLANES
 . **HS-748 AIRCRAFT**
 PASSENGER AIRCRAFT
 . **HS-748 AIRCRAFT**

HS-801 AIRCRAFT

GS HAWKER SIDDELEY AIRCRAFT
 . **HS-801 AIRCRAFT**
 JET AIRCRAFT
 . **HS-801 AIRCRAFT**
 RECONNAISSANCE AIRCRAFT
 . **HS-801 AIRCRAFT**
 RT AERIAL RECONNAISSANCE
 OBSERVATION AIRCRAFT
 PHOTOGRAPHY
 PHOTORECONNAISSANCE

HSS-2 HELICOPTER

USE SH-3 HELICOPTER

HTGR

USE HIGH TEMPERATURE GAS COOLED
 REACTORS

HTPB PROPELLANTS

GS PROPELLANTS

HTPB PROPELLANTS-(CONT.)

- . SOLID PROPELLANTS
- . . . SOLID ROCKET PROPELLANTS
- HTPB PROPELLANTS
- RT PLASTIC PROPELLANTS
- POLYBUTADIENE

HU-1 HELICOPTER

- USE UH-1 HELICOPTER

HUBBLE CONSTANT

- GS CONSTANTS
- . HUBBLE CONSTANT
- RT COSMOLOGY
- GALAXIES
- RED SHIFT
- VELOCITY MEASUREMENT

HUBBLE DIAGRAM

- GS COSMOLOGY
- . HUBBLE DIAGRAM
- RT BARRIED GALAXIES
- GALACTIC RADIATION
- GALAXIES
- RED SHIFT
- VELOCITY MEASUREMENT

HUBS

- UF ROTOR HUBS
- RT SPOKES
- WHEELS

HUDSON RIVER (NY-NJ)

- GS RIVERS
- . HUDSON RIVER (NY-NJ)
- RT NEW JERSEY
- NEW YORK

HUECKEL THEORY

- RT ∞ THEORIES

HUGHES AIRCRAFT

- UF HUGHES MILITARY AIRCRAFT
- GS HUGHES AIRCRAFT
- . AH-64 HELICOPTER
- . H-17 HELICOPTER
- . OH-6 HELICOPTER
- . TH-55 HELICOPTER
- . XV-9A AIRCRAFT
- RT ∞ AIRCRAFT

HUGHES MILITARY AIRCRAFT

- USE HUGHES AIRCRAFT
- MILITARY AIRCRAFT

HUGONIOT ADIABAT

- USE HUGONIOT EQUATION OF STATE

HUGONIOT EQUATION OF STATE

- UF HUGONIOT ADIABAT
- GS EQUATIONS OF STATE
- . HUGONIOT EQUATION OF STATE
- RT COMPRESSIBLE FLOW
- LOADS (FORCES)
- ONE DIMENSIONAL FLOW
- SHOCK WAVES

HUL

- USE HARDWARE UTILIZATION LISTS

HULLS (STRUCTURES)

- GS HULLS (STRUCTURES)
- . SHIP HULLS
- RT AIRCRAFT STRUCTURES
- BAYS (STRUCTURAL UNITS)
- BULKHEADS
- FUSELAGES
- HYDROFOILS
- KEELS
- METAL SHELLS
- PERFORATED SHELLS
- SEAPLANES
- SHELLS (STRUCTURAL FORMS)
- SKIN (STRUCTURAL MEMBER)
- STRAKES
- SWATH (SHIP)

HUM

- RT ACOUSTICS
- ∞ INTERFERENCE
- ∞ NOISE

HUMAN BEHAVIOR

- GS BEHAVIOR

HUMAN BEHAVIOR-(CONT.)

- RT . HUMAN BEHAVIOR
- BOREDOM
- DETACHMENT
- DISORDERS
- DITHERS
- EMOTIONS
- EXTROVERSION
- INTROVERSION
- LETHARGY
- NEUROPSYCHIATRY
- PANIC

HUMAN BEINGS

- UF MAN
- GS ANIMALS
- . VERTEBRATES
- . . MAMMALS
- . . . PRIMATES
- HUMAN BEINGS
- RT ABORIGINES
- ANTHROPOLOGY
- CENSUS
- CHILDREN
- CHIMPANZEES
- CLINICAL MEDICINE
- CULTURAL RESOURCES
- DEMOGRAPHY
- FEMALES
- MAN ENVIRONMENT INTERACTIONS
- PARENTS
- PATIENTS
- RACE FACTORS
- RACES
- YOUTH

HUMAN BODY

- GS ANATOMY
- . HUMAN BODY
- RT APPENDAGES
- ∞ BODIES
- BODY MEASUREMENT (BIOLOGY)
- EXERCISE PHYSIOLOGY
- LIMBS (ANATOMY)
- LUMBAR REGION
- PHYSIOLOGY
- POSTURE

HUMAN CENTRIFUGES

- UF PILOTED CENTRIFUGES
- GS CENTRIFUGES
- . HUMAN CENTRIFUGES
- RT ACCELERATION TOLERANCE
- ARTIFICIAL GRAVITY
- HIGH GRAVITY ENVIRONMENTS

HUMAN ENGINEERING

- USE HUMAN FACTORS ENGINEERING

HUMAN FACTORS ENGINEERING

- UF ERGONOMICS
- HUMAN ENGINEERING
- RT ABILITIES
- ∞ AERONAUTICS
- AIRCRAFT ACCIDENTS
- AIRCRAFT HAZARDS
- ANTHROPOMETRY
- ARCHITECTURE
- ASTRONAUT MANEUVERING EQUIPMENT
- ASTRONAUT PERFORMANCE
- ∞ ASTRONAUTICS
- BIOENGINEERING
- BIONICS
- BODY MEASUREMENT (BIOLOGY)
- BRIGHTNESS
- COLOR
- COMFORT
- CYBERNETICS
- EDUCATION
- EFFICIENCY
- ENVIRONMENTAL ENGINEERING
- ENVIRONMENTS
- FATIGUE (BIOLOGY)
- ∞ FLIGHT STRESS
- GLARE
- ILLUMINATING
- LIFE SUPPORT SYSTEMS
- MAN MACHINE SYSTEMS
- MANNED SPACE FLIGHT
- MANUAL CONTROL
- MONOCULAR VISION
- NOISE (SOUND)
- ∞ PERFORMANCE
- PILOT ERROR
- PRODUCTION ENGINEERING

HUMAN FACTORS ENGINEERING-(CONT.)

- PSYCHOLOGICAL EFFECTS
- SAFETY DEVICES
- SAFETY MANAGEMENT
- SYSTEMS ENGINEERING
- TELEOPERATORS
- VISIBILITY
- VISION
- WHEELCHAIRS

HUMAN FACTORS LABORATORIES

- GS LABORATORIES
- . HUMAN FACTORS LABORATORIES
- RT ENVIRONMENTAL LABORATORIES

HUMAN PATHOLOGY

- GS MEDICAL SCIENCE
- . PATHOLOGY
- . . HUMAN PATHOLOGY
- RT CHOLERA
- CONVULSIONS
- EPILEPSY
- PATIENTS

HUMAN PERFORMANCE

- GS HUMAN PERFORMANCE
- . ASTRONAUT PERFORMANCE
- . . BLACKOUT PREVENTION
- . . OPERATOR PERFORMANCE
- . . PILOT PERFORMANCE
- RT COMPETITION
- INTRAVEHICULAR ACTIVITY
- MENTAL HEALTH
- MENTAL PERFORMANCE
- ∞ PERFORMANCE
- PILOT ERROR
- PSYCHOMOTOR PERFORMANCE
- RACE FACTORS
- SENSORIMOTOR PERFORMANCE
- WORKLOADS (PSYCHOPHYSIOLOGY)

HUMAN REACTIONS

- RT BIOLOGICAL EFFECTS
- BOREDOM
- COMPETITION
- EMOTIONAL FACTORS
- LAUGHING
- NOISE POLLUTION
- PHYSIOLOGICAL EFFECTS
- PSYCHOLOGICAL EFFECTS
- PSYCHOMOTOR PERFORMANCE
- ∞ REACTION
- REACTION TIME
- REWARD (PSYCHOLOGY)
- SENSORIMOTOR PERFORMANCE
- SHOCK (PHYSIOLOGY)
- VACILLATION

HUMAN RESOURCES

- RT MANPOWER

HUMAN TOLERANCES

- GS TOLERANCES (PHYSIOLOGY)
- . HUMAN TOLERANCES
- RT ∞ ACCELERATION
- ACCELERATION TOLERANCE
- DIVING (UNDERWATER)
- HEAT ACCLIMATIZATION
- HEAT TOLERANCE
- NOISE POLLUTION
- NOISE TOLERANCE
- ORTHOSTATIC TOLERANCE
- RADIATION TOLERANCE
- SHOCK (PHYSIOLOGY)

HUMAN WASTES

- GS WASTES
- . METABOLIC WASTES
- . . HUMAN WASTES
- . . . URINE
- RT ACTIVATED SLUDGE
- AIR POLLUTION
- ENVIRONMENT POLLUTION
- ENVIRONMENTAL SURVEYS
- EXCRETION
- LIQUID WASTES
- ORGANIC WASTES (FUEL CONVERSION)
- POLLUTION
- SEWAGE
- SEWERS
- SOLID WASTES
- WASTE DISPOSAL

HUMASON COMET

- GS CELESTIAL BODIES

HUMERUS

HUMASON COMET-(CONT.)
 . COMETS
 . . HUMASON COMET

HUMERUS
 RT ARM (ANATOMY)
 ELBOW (ANATOMY)

HUMIDITY
 RT AIR CONDITIONING
 ATMOSPHERIC DENSITY
 ATMOSPHERIC MOISTURE
 BODY TEMPERATURE
 CLIMATOLOGY
 COMFORT
 CORROSION
 DEHUMIDIFICATION
 DROP SIZE
 DRY HEAT
 ENVIRONMENTS
 HYGRAL PROPERTIES
 HYGROMETERS
 LAPSE RATE
 METEOROLOGICAL PARAMETERS
 METEOROLOGY
 MOISTURE
 MOISTURE CONTENT
 MOISTURE METERS
 PERSPIRATION
 PRECIPITATION (METEOROLOGY)
 PSYCHOLOGICAL EFFECTS
 PSYCHROMETERS
 REFRIGERATING
 TEMPERATURE
 VAPOR PRESSURE
 WATER
 WATER VAPOR
 WEATHER FORECASTING

HUMIDITY MEASUREMENT
 RT HYGROMETERS
 . MEASUREMENT
 . METEOROLOGICAL INSTRUMENTS
 . MOISTURE METERS
 . PSYCHROMETERS

HUMMINGBIRD AIRCRAFT
 USE XV-4 AIRCRAFT

HUNGARY
 RT CENTRAL EUROPE
 EUROPE
 NATIONS

HUNTER F-2 AIRCRAFT
 USE F-2 AIRCRAFT

HUNTING H-126 AIRCRAFT
 USE H-126 AIRCRAFT

HUNTING P-84 AIRCRAFT
 USE JET PROVOST AIRCRAFT

HURRICANES
 GS STORMS
 . CYCLONES
 . . HURRICANES
 . . . ANNA HURRICANE
 . . . STORMS (METEOROLOGY)
 . . . TROPICAL STORMS
 . . . HURRICANES
 ANNA HURRICANE
 RT METEOROLOGY
 STORM DAMAGE
 TORNADOES
 TYPHOONS

HUS-1 HELICOPTER
 USE UH-34 HELICOPTER

HUSKIE HELICOPTER
 USE HH-43 HELICOPTER

HUSTLER AIRCRAFT
 USE B-58 AIRCRAFT

HUYGENS PRINCIPLE
 RT DIFFRACTION
 . OPTICS
 . POINT SOURCES
 . REFRACTION
 . SCATTERING
 . SCHELKUNOFF PRINCIPLE
 . SPHERICAL WAVES

HUYGENS PRINCIPLE-(CONT.)
 WAVE FRONTS
 WAVE PROPAGATION

HU2K-1 HELICOPTER
 USE UH-2 HELICOPTER

HVITTIS CHONDRITE
 GS CELESTIAL BODIES
 . METEORITES
 . . STONY METEORITES
 . . . CHONDRITES
 HVITTIS CHONDRITE

HYBRID CIRCUITS
 GS CIRCUITS
 . HYBRID CIRCUITS
 RT ELECTRONIC PACKAGING
 PRINTED CIRCUITS
 SEMICONDUCTOR DEVICES
 TRANSISTOR CIRCUITS

HYBRID COMBUSTION
 USE HYBRID PROPELLANT ROCKET ENGINES

HYBRID COMPUTERS
 GS DATA PROCESSING EQUIPMENT
 . COMPUTERS
 . . HYBRID COMPUTERS
 RT ANALOG COMPUTERS
 DIGITAL COMPUTERS

HYBRID NAVIGATION SYSTEMS
 GS NAVIGATION
 . HYBRID NAVIGATION SYSTEMS
 RT NAVIGATION AIDS
 NAVIGATION INSTRUMENTS
 . SYSTEMS

HYBRID PROPELLANT ROCKET ENGINES
 UF HYBRID COMBUSTION
 GS ENGINES
 . ROCKET ENGINES
 . . HYBRID PROPELLANT ROCKET ENGINES
 . . . LITHERGOL ROCKET ENGINES
 RT BOOSTER ROCKET ENGINES
 INTERNAL COMBUSTION ENGINES
 JET ENGINES
 LIQUID PROPELLANT ROCKET ENGINES
 RESTARTABLE ROCKET ENGINES
 SOLID PROPELLANT ROCKET ENGINES
 SUSTAINER ROCKET ENGINES
 VERNIER ENGINES

HYBRID PROPELLANTS
 UF LITHERGOLIC PROPELLANTS
 GS PROPELLANTS
 . HYBRID PROPELLANTS
 RT CASE BONDED PROPELLANTS
 CHEMICAL FUELS
 CRYOGENIC ROCKET PROPELLANTS
 GASEOUS ROCKET PROPELLANTS
 GELLED ROCKET PROPELLANTS
 HIGH ENERGY FUELS
 HIGH ENERGY PROPELLANTS
 HYPERGOLIC ROCKET PROPELLANTS
 LIQUID ROCKET PROPELLANTS
 METAL FUELS
 METAL PROPELLANTS
 SOLID PROPELLANT IGNITION
 SOLID PROPELLANTS
 SOLID ROCKET PROPELLANTS

HYBRID PROPULSION
 UF DUAL MODE PROPULSION
 GS PROPULSION
 . CHEMICAL PROPULSION
 . . HYBRID PROPULSION
 RT JET ENGINES
 LASER PROPULSION
 ROCKET ENGINES

HYBRID ROCKET ENGINES
 SN (USE OF A MORE SPECIFIC TERM IS
 RECOMMENDED--CONSULT THE TERMS
 LISTED BELOW)
 RT DUCTED ROCKET ENGINES

HYBRID STRUCTURES
 RT COMPOSITE STRUCTURES
 ELASTIC PROPERTIES
 FLEXIBLE BODIES
 RIGID STRUCTURES

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HYBRID STRUCTURES-(CONT.)
 STRUCTURAL STABILITY
 . STRUCTURES

HYBRIDS (BIOLOGY)
 USE GENETIC ENGINEERING

HYDRATES
 RT AQUEOUS SOLUTIONS
 WATER

HYDRATION
 RT CHEMICAL REACTIONS
 DEHYDRATION
 HYDROLYSIS

HYDRAULIC ACTUATORS
 USE ACTUATORS
 HYDRAULIC EQUIPMENT

HYDRAULIC ANALOGIES
 GS ANALOGIES
 . HYDRAULIC ANALOGIES
 RT COMPUTERIZED SIMULATION
 FLOW VISUALIZATION
 FLUIDICS
 GAS FLOW
 NUMERICAL FLOW VISUALIZATION
 WAVE PROPAGATION

HYDRAULIC CONTROL
 UF ELECTROHYDRAULIC CONTROL
 RT AUTOMATIC CONTROL
 . CONTROL
 . ELECTRONIC CONTROL
 . ENGINE CONTROL
 . FLUID POWER
 . FLUIDICS
 . HYDRAULICS
 . PNEUMATIC CONTROL
 . REMOTE CONTROL
 . SOLENOID VALVES

HYDRAULIC EQUIPMENT
 UF HYDRAULIC ACTUATORS
 HYDRAULIC HEATING SOURCES
 HYDRAULIC PUMPS
 HYDRAULIC SYSTEMS
 HYDRAULIC VALVES
 GS HYDRAULIC EQUIPMENT
 . AIRCRAFT HYDRAULIC SYSTEMS
 RT AIRBORNE EQUIPMENT
 AUTOMATIC CONTROL VALVES
 COCKS
 CUSHIONS
 . EQUIPMENT
 . FLUID AMPLIFIERS
 . FLUID POWER
 . FLUID SWITCHING ELEMENTS
 . FLY BY TUBE CONTROL
 . GATES (OPENINGS)
 . HYDRAULICS
 . MOTORS
 . NETWORK ANALYSIS
 . NETWORK SYNTHESIS
 . NETWORKS
 . PUMPS
 . RELIEF VALVES
 . SERVOMECHANISMS
 . SHOCK ABSORBERS
 . SYSTEMS
 . TURBINE WHEELS
 . VALVES
 . WATER HAMMER
 . WHEEL BRAKES

HYDRAULIC FLUIDS
 GS LIQUIDS
 . HYDRAULIC FLUIDS
 . . SKYDROL (TRADEMARK)
 RT FLUID PRESSURE
 FLUID TRANSMISSION LINES
 . FLUIDS
 . HIGH TEMPERATURE FLUIDS
 . HYDRAULICS
 . OILS
 . PATCH TESTS
 . TRANSMISSION FLUIDS
 . WORKING FLUIDS

HYDRAULIC HEATING SOURCES

USE HEAT SOURCES
HYDRAULIC EQUIPMENT

HYDRAULIC JETS

UF WATER JETS
GS FLUID JETS
RT HYDRAULIC JETS
JET FLOW

HYDRAULIC PUMPS

USE HYDRAULIC EQUIPMENT
PUMPS

HYDRAULIC SHOCK

GS MECHANICAL SHOCK
HYDRAULIC SHOCK

HYDRAULIC SYSTEMS

USE HYDRAULIC EQUIPMENT

HYDRAULIC TEST TUNNELS

UF WATER TUNNELS
GS TEST FACILITIES
HYDRAULIC TEST TUNNELS
RT TUNNELS

HYDRAULIC VALVES

USE HYDRAULIC EQUIPMENT
VALVES

HYDRAULICS

SN *(USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)*
RT FLUID DYNAMICS
FLUID FLOW
FLUID MECHANICS
FLUID POWER
HYDRAULIC CONTROL
HYDRAULIC EQUIPMENT
HYDRAULIC FLUIDS
HYDRODYNAMIC RAM EFFECT
HYDRODYNAMICS
HYDROLOGY
HYDROMECHANICS
HYDROSTATICS
IMPEDANCE
INFLUENCE COEFFICIENT
LIMNOLOGY
MECHANICS (PHYSICS)
PIPES (TUBES)
PNEUMATICS
PRESSURE HEADS
THERMOHYDRAULICS
WATER
WATER FLOW
WATER PRESSURE

HYDRAZIDES

GS ALIPHATIC COMPOUNDS
HYDRAZIDES
RT HYDRAZINES

HYDRAZINE BORANE

GS ALIPHATIC COMPOUNDS
HYDRAZINES
HYDRAZINE BORANE
BORON COMPOUNDS
BORON HYDRIDES
BORANES
HYDRAZINE BORANE
HYDROGEN COMPOUNDS
HYDRIDES
BORON HYDRIDES
BORANES
HYDRAZINE BORANE

HYDRAZINE ENGINES

UF NIMPHÉ (ENGINE)
GS ENGINES
ROCKET ENGINES
LIQUID PROPELLANT ROCKET
ENGINES
HYDRAZINE ENGINES
RT TURBOROCKET ENGINES

HYDRAZINE NITRATE

GS NITROGEN COMPOUNDS
NITRATES
INORGANIC NITRATES
HYDRAZINE NITRATE

HYDRAZINE NITROFORM

GS ALIPHATIC COMPOUNDS
HYDRAZINE NITROFORM
ESTERS
ORGANIC NITRATES
NITROFORMS
HYDRAZINE NITROFORM
EXPLOSIVES
HYDRAZINE NITROFORM
NITROGEN COMPOUNDS
NITRATES
ORGANIC NITRATES
NITROFORMS
HYDRAZINE NITROFORM
PROPELLANTS
HYDRAZINE NITROFORM

HYDRAZINE PERCHLORATES

GS ALIPHATIC COMPOUNDS
HYDRAZINES
HYDRAZINE PERCHLORATES
HALOGEN COMPOUNDS
CHLORINE COMPOUNDS
PERCHLORATES
HYDRAZINE PERCHLORATES

HYDRAZINES

GS ALIPHATIC COMPOUNDS
HYDRAZINES
CHLOROPROMAZINE
DIHYDRAZINE
DIMETHYLHYDRAZINES
ETHYLENE DIHYDRAZINE
HYDRAZINE BORANE
HYDRAZINE PERCHLORATES
METHYLHYDRAZINE
TETRAFLUOROHYDRAZINE
RT AEROZINE
AMINES
HYDRAZIDES
HYDRAZONES
LIQUID ROCKET PROPELLANTS
ROCKET PROPELLANTS

HYDRAZINIUM COMPOUNDS

GS NITROGEN COMPOUNDS
HYDRAZINIUM COMPOUNDS

HYDRAZOIC ACID

GS ACIDS
HYDRAZOIC ACID
NITROGEN COMPOUNDS
HYDRAZOIC ACID
RT NITROGEN HYDRIDES

HYDRAZONES

GS NITROGEN COMPOUNDS
HYDRAZONES
RT HYDRAZINES

HYDRAZONIUM COMPOUNDS

GS HYDRAZONIUM COMPOUNDS
TRIAMINO GUANIDINIUM HYDRAZONIUM
AZIDE

HYDRIDES

GS HYDROGEN COMPOUNDS
HYDRIDES
BOROHYDRIDES
ALUMINUM BOROHYDRIDES
BERYLLIUM BOROHYDRIDES
BORON HYDRIDES
ALUMINUM BOROHYDRIDES
BERYLLIUM BOROHYDRIDES
BORANES
CARBORANE
HYDRAZINE BORANE
PENTABORANES
DIBORANE
DIHYDRIDES
METAL HYDRIDES
ALUMINUM HYDRIDES
ALUMINUM BOROHYDRIDES
BERYLLIUM HYDRIDES
CESIUM HYDRIDES
LITHIUM HYDRIDES
LITHIUM ALUMINUM HYDRIDES
POTASSIUM HYDRIDES
SODIUM HYDRIDES
NITROGEN HYDRIDES
PHOSPHINES
SILANES
CHLOROSILANES
METHYL CHLOROSILANES
METHYLSOCYANATOSILANE

HYDRIDES-(CONT.)

RT ZIRCONIUM HYDRIDES
DEUTERIDES
HYDROGEN PRODUCTION

HYDROACOUSTICS

USE UNDERWATER ACOUSTICS

HYDROAEROMECHANICS

USE AERODYNAMICS

HYDROBALLISTICS

GS BALLISTICS
HYDROBALLISTICS
RT BALLISTIC RANGES
HYDRODYNAMICS
TORPEDOES
UNDERWATER EXPLOSIONS
UNDERWATER TRAJECTORIES

HYDROBAROPHONES

USE HYDROPHONES

HYDROBORATION

GS CHEMICAL REACTIONS
HYDROBORATION

HYDROBROMIC ACID

GS ACIDS
HYDROBROMIC ACID
HALOGEN COMPOUNDS
BROMINE COMPOUNDS
BROMIDES
HYDROBROMIC ACID
HALIDES
BROMIDES
HYDROBROMIC ACID

HYDROBROMIDES

GS HALOGEN COMPOUNDS
BROMINE COMPOUNDS
BROMIDES
HYDROBROMIDES
HALIDES
BROMIDES
HYDROBROMIDES
HYDROGEN COMPOUNDS
HYDROBROMIDES

HYDROCARBON COMBUSTION

GS COMBUSTION
HYDROCARBON COMBUSTION
RT EXPLOSIONS
FUEL COMBUSTION
OXIDATION
PROPELLANT COMBUSTION
SMOG

HYDROCARBON FUEL PRODUCTION

GS HYDROCARBON FUEL PRODUCTION
ATMOSPHERIC ENERGY SOURCES
RT AGRICULTURE
BIOCONVERSION
BIOMASS ENERGY PRODUCTION
ENERGY TECHNOLOGY
HYDROGEN FUELS
LIGNITE
SOLVENT REFINED COAL
WASTE UTILIZATION

HYDROCARBON FUELS

GS FUELS
CHEMICAL FUELS
HYDROCARBON FUELS
DIESEL FUELS
LIQUID FUELS
GASOLINE
LIQUID FUELS
JET ENGINE FUELS
JP-4 JET FUEL
JP-5 JET FUEL
JP-6 JET FUEL
JP-8 JET FUEL
LIQUID FUELS
RP-1 ROCKET PROPELLANTS
LIQUID FUELS
SYNTHANE
RT ACETYLENE
AIRCRAFT FUELS
ALKANES
AMINES
AUTOMOBILE FUELS
BUTADIENE
CLEAN FUELS

HYDROCARBON POISONING

HYDROCARBON FUELS-(CONT.)

COAL GASIFICATION
COAL LIQUEFACTION
COAL UTILIZATION
CRUDE OIL
ENDOTHERMIC FUELS
ENERGY POLICY
ENVIRONMENTAL CHEMISTRY
ETHANE
ETHYLENE
FUEL PRODUCTION
HEPTANES
HEXENES
HIGH ENERGY FUELS
HYDROGEN FUELS
HYDROGEN-BASED ENERGY
HYPERGOLIC ROCKET PROPELLANTS
KEROGEN
KEROSENE
LIGNITE
LIQUEFIED NATURAL GAS
METHANATION
METHANE
NATURAL GAS
PARAFFINS
PROPANE
RETORT PROCESSING
ROCKET PROPELLANTS
SHALE OIL
STORABLE PROPELLANTS
SYNTHETIC FUELS

HYDROCARBON POISONING

RT BENZENE POISONING
INDUSTRIAL SAFETY
KEROSENE POISONING
POISONING
SMOG
TOXICITY AND SAFETY HAZARD
TOXICOLOGY

HYDROCARBONS

GS **HYDROCARBONS**
. ACETYLENE
. ALKANES
. BUTANES
. CETANE
. ETHANE
. HEPTANES
. HEXENES
. METHANE
. NITROPROPANE
. NONANES
. OCTANES
. PARAFFINS
. CERESIN
. PENTANES
. NEOPENTANE
. PROPANE
. ALKENES
. BUTADIENE
. BUTENES
. ETHYLENE
. VINYLIDENE
. HEXENES
. PROPYLENE
. TRIENES
. ALKYNES
. OXYACETYLENE
. BENZENE
. CAROTENE
. CHLOROBENZENES
. CUBANE
. CYCLIC HYDROCARBONS
. ANTHRACENE
. COLCHICINE
. CYCLOBUTANE
. CYCLOPROPANE
. MENTHOL
. NAPHTHENES
. CYCLOHEXANE
. DIENES
. BUTADIENE
. HEPTADIENE
. HEXADIENE
. DIPHENYL COMPOUNDS
. DIPHENYL HYDANTOIN
. DURENE
. INDENE
. KEROGEN
. MESITYLENE
. METHYLENE
. NAPHTHALENE
. NATURAL GAS
. LIQUEFIED NATURAL GAS

HYDROCARBONS-(CONT.)

. PHENANTHRENE
. PYRENES
. QUINOXALINES
. STILBENE
. TOLUENE
. TRIPHENYLS
. XYLENE
RT ALIPHATIC COMPOUNDS
AROMATIC COMPOUNDS
CARBON COMPOUNDS
CRACKING (CHEMICAL ENGINEERING)
ORGANIC PEROXIDES

HYDROCHLORIC ACID

GS ACIDS
. **HYDROCHLORIC ACID**
HALOGEN COMPOUNDS
. HALIDES
. CHLORIDES
. HYDROGEN CHLORIDES
. **HYDROCHLORIC ACID**

HYDROCHLORIDES

GS HALOGEN COMPOUNDS
. CHLORINE COMPOUNDS
. CHLORIDES
. **HYDROCHLORIDES**
. HALIDES
. CHLORIDES
. **HYDROCHLORIDES**
RT HYDROGEN CHLORIDES

HYDROCLIMATOLOGY

RT AGROCLIMATOLOGY
CLIMATOLOGY
HYDROGRAPHY
HYDROLOGY
METEOROLOGY
OCEANOGRAPHY

HYDROCRACKING

GS FRACTIONATION
RT **HYDROCRACKING**
COAL GASIFICATION
COAL LIQUEFACTION

HYDROCYANIC ACID

UF HYDROGEN CYANIDES
PRUSSIC ACID
GS ACIDS
. **HYDROCYANIC ACID**
HYDROGEN COMPOUNDS
. **HYDROCYANIC ACID**
NITROGEN COMPOUNDS
. **HYDROCYANIC ACID**
RT CN EMISSION
HCN LASERS

HYDRODYNAMIC COEFFICIENTS

RT COMPUTATIONAL FLUID DYNAMICS
FLOW DISTRIBUTION
FLOW VELOCITY
LIQUID FLOW
SEA ROUGHNESS
SHIP HULLS
STEADY FLOW
UNSTEADY FLOW
WATER WAVES

HYDRODYNAMIC EQUATIONS

GS EQUATIONS OF MOTION
. KINETIC EQUATIONS
. **HYDRODYNAMIC EQUATIONS**
. HELMHOLTZ VORTICITY EQUATION
RT BOLTZMANN TRANSPORT EQUATION
EQUATIONS
FLOW STABILITY
FLOW THEORY
FLUID MECHANICS
GAS DYNAMICS
HYDRODYNAMICS
METEOROLOGY
PLASMA DYNAMICS

HYDRODYNAMIC RAM EFFECT

RT EFFECTS
FLUID FILLED SHELLS
HYDRAULICS
HYPERVELOCITY IMPACT
IMPACT
KINETIC ENERGY
LIQUID FILLED SHELLS
MOMENTUM TRANSFER
PENETRATION

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HYDRODYNAMIC STABILITY

USE FLOW STABILITY

HYDRODYNAMIC TUNNELS

USE PLASMA JET WIND TUNNELS

HYDRODYNAMICS

GS FLUID MECHANICS
. FLUID DYNAMICS
. **HYDRODYNAMICS**
. ELASTOHYDRODYNAMICS
. ELECTROHYDRODYNAMICS
. MAGNETOHYDRODYNAMICS
. CYLINDRICAL PLASMAS
. HYDROMECHANICS
. **HYDRODYNAMICS**
. ELASTOHYDRODYNAMICS
. ELECTROHYDRODYNAMICS
. MAGNETOHYDRODYNAMICS
RT BALLAST (MASS)
DYNAMICS
EULER EQUATIONS OF MOTION
FLOW THEORY
FLUID FLOW
FLUID POWER
GAS DYNAMICS
HYDRAULICS
HYDROBALLISTICS
HYDRODYNAMIC EQUATIONS
HYDROSTATICS
KROOK EQUATION
LAGRANGE COORDINATES
MECHANICS (PHYSICS)
OCEAN DYNAMICS
PRESSURE GRADIENTS
PRESSURE HEADS
SEEPAGE
SHIP HULLS
THERMOHYDRAULICS
WATER
WATER FLOW
WATER HAMMER
WATER PRESSURE

HYDROELASTICITY

GS MECHANICAL PROPERTIES
. ELASTIC PROPERTIES
. **HYDROELASTICITY**
RT COMPRESSIBILITY
COMPRESSIBLE FLUIDS
MODULUS OF ELASTICITY
THERMOELASTICITY
VISCOELASTICITY

HYDROELECTRIC POWER STATIONS

UF HYDROPOWER STATIONS
GS STATIONS
RT **HYDROELECTRIC POWER STATIONS**
ELECTRIC POWER PLANTS
ELECTRIC POWER TRANSMISSION
HYDROELECTRICITY
POWER PLANTS
POWER TRANSMISSION
TURBOGENERATORS
WATER WHEELS

HYDROELECTRICITY

GS ELECTRICITY
. **HYDROELECTRICITY**
RT DAMS
ELECTRIC CURRENT
ELECTRIC POWER
HYDROELECTRIC POWER STATIONS
POWER PLANTS
TURBOGENERATORS

HYDROFLUORIC ACID

UF HYDROGEN FLUORIDES
GS ACIDS
. **HYDROFLUORIC ACID**
HALOGEN COMPOUNDS
FLUORINE COMPOUNDS
. FLUORIDES
. **HYDROFLUORIC ACID**
. HALIDES
. FLUORIDES
. **HYDROFLUORIC ACID**

HYDROFOIL BOATS

USE HYDROFOIL CRAFT

HYDROFOIL CRAFT

UF HYDROFOIL BOATS
RT CAPTURED AIR BUBBLE VEHICLES

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HYDROGEN OXYGEN ENGINES

HYDROFOIL CRAFT-(CONT.)

HYDROFOILS
HYDROPLANES (VEHICLES)
SHIPS

HYDROFOIL OSCILLATIONS

GS OSCILLATIONS
RT HYDROFOIL OSCILLATIONS
FLOW STABILITY
FLUTTER
HYDROFOILS
SUPERCAVITATING FLOW

HYDROFOILS

GS HYDROFOILS
KEELS
RT AIRFOILS
BLADES
ELEVATORS (CONTROL SURFACES)
FINS
FOILS
FOILS (MATERIALS)
GUIDE VANES
HULLS (STRUCTURES)
HYDROFOIL CRAFT
HYDROFOIL OSCILLATIONS
HYDROPLANES (SURFACES)
HYDROPLANING
LANDING GEAR
MARINE RUDDERS
SHIPS
SKIS
STREAMLINING
TAIL ASSEMBLIES

HYDROFORMING

GS METAL WORKING
HYDROFORMING
RT DEHYDROGENATION

HYDROGEN

GS CHEMICAL ELEMENTS
HYDROGEN
HYDROGEN ATOMS
HYDROGEN IONS
HYDROGEN ISOTOPES
DEUTERIUM
HYDROGEN 4
METALLIC HYDROGEN
TRITIUM
HYDROGEN PLASMA
DEUTERIUM PLASMA
LIQUID HYDROGEN
ORTHO HYDROGEN
PARA HYDROGEN
GASES
HYDROGEN
HYDROGEN ATOMS
HYDROGEN IONS
HYDROGEN ISOTOPES
DEUTERIUM
HYDROGEN 4
TRITIUM
HYDROGEN PLASMA
DEUTERIUM PLASMA
LIQUID HYDROGEN
ORTHO HYDROGEN
PARA HYDROGEN
RT BALMER SERIES
FUELS
HYDROGENATION
HYDROGENOLYSIS
HYDRONIUM IONS
NEPTUNE ATMOSPHERE
PASCHEN SERIES
RYDBERG SERIES
SYNTHANE
URANUS ATMOSPHERE

HYDROGEN AIR FUEL CELLS

USE HYDROGEN OXYGEN FUEL CELLS

HYDROGEN ATOMS

GS ATOMS
HYDROGEN ATOMS
CHEMICAL ELEMENTS
HYDROGEN
HYDROGEN ATOMS
GASES
HYDROGEN
HYDROGEN ATOMS

HYDROGEN AZIDES

GS EXPLOSIVES
HYDROGEN AZIDES

HYDROGEN AZIDES-(CONT.)

NITROGEN COMPOUNDS
AZIDES (INORGANIC)
HYDROGEN AZIDES
PROPELLANTS
HYDROGEN AZIDES

HYDROGEN BOMBS

USE FUSION WEAPONS

HYDROGEN BONDS

GS CHEMICAL BONDS
HYDROGEN BONDS

HYDROGEN CHLORIDES

GS HALOGEN COMPOUNDS
HALIDES
CHLORIDES
HYDROGEN CHLORIDES
HYDROCHLORIC ACID
RT HYDROCHLORIDES

HYDROGEN CLOUDS

GS CLOUDS
HYDROGEN CLOUDS
RT CLOUDS (METEOROLOGY)
DROP SIZE
GALACTIC ROTATION
GASES
MOLECULAR CLOUDS
PLASMA CLOUDS
VAPOR PHASES
VAPORS

HYDROGEN COMPOUNDS

GS HYDROGEN COMPOUNDS
DEUTERIUM COMPOUNDS
DEUTERIDES
DEUTERIUM FLUORIDES
HEAVY WATER
HYDRIDES
BOROHYDRIDES
ALUMINUM BOROHYDRIDES
BERYLLIUM BOROHYDRIDES
BORON HYDRIDES
ALUMINUM BOROHYDRIDES
BERYLLIUM BOROHYDRIDES
BORANES
CARBORANE
HYDRAZINE BORANE
PENTABORANES
DIBORANE
DIHYDRIDES
METAL HYDRIDES
ALUMINUM HYDRIDES
ALUMINUM BOROHYDRIDES
BERYLLIUM HYDRIDES
CESIUM HYDRIDES
LITHIUM HYDRIDES
LITHIUM ALUMINUM HYDRIDES
POTASSIUM HYDRIDES
SODIUM HYDRIDES
NITROGEN HYDRIDES
PHOSPHINES
SILANES
CHLOROSILANES
METHYL CHLOROSILANES
METHYLSOCYANATOSILANE
ZIRCONIUM HYDRIDES
HYDROBROMIDES
HYDROCYANIC ACID
HYDROGEN PEROXIDE
HYDROGEN SULFIDE
HYDROSULFITES
LIGHT WATER
RT ACIDS
WATER

HYDROGEN CYANIDES

USE HYDROCYANIC ACID

HYDROGEN DEUTERIUM OXIDE

USE HEAVY WATER

HYDROGEN EMBRITTLEMENT

RT CHEMISORPTION
GAS-METAL INTERACTIONS
IRON
STEELS

HYDROGEN ENGINES

GS ENGINES
INTERNAL COMBUSTION ENGINES
GAS TURBINE ENGINES

HYDROGEN ENGINES-(CONT.)

HYDROGEN ENGINES
RT AIRCRAFT ENGINES
AUTOMOBILES

HYDROGEN FLUORIDES

USE HYDROFLUORIC ACID

HYDROGEN FUELS

GS FUELS
CHEMICAL FUELS
HYDROGEN FUELS
LIQUID FUELS
RT CRYOGENIC ROCKET PROPELLANTS
DEUTERIUM
FUEL CELLS
FUEL PRODUCTION
GASEOUS ROCKET PROPELLANTS
GELLED PROPELLANTS
HYDROCARBON FUEL PRODUCTION
HYDROCARBON FUELS
HYDROGEN-BASED ENERGY
LIQUID HYDROGEN
LIQUID ROCKET PROPELLANTS
RAMJET ENGINES

HYDROGEN IONS

GS CHEMICAL ELEMENTS
HYDROGEN
HYDROGEN IONS
GASES
HYDROGEN
HYDROGEN IONS
IONS
HYDROGEN IONS
RT ACIDITY
HYDRONIUM IONS
PH
PH FACTOR
POSITIVE IONS
PROTONS

HYDROGEN ISOTOPES

GS CHEMICAL ELEMENTS
HYDROGEN
HYDROGEN ISOTOPES
DEUTERIUM
HYDROGEN 4
METALLIC HYDROGEN
TRITIUM
NUCLIDES
ISOTOPES
HYDROGEN ISOTOPES
DEUTERIUM
HYDROGEN 4
TRITIUM
GASES
HYDROGEN
HYDROGEN ISOTOPES
DEUTERIUM
HYDROGEN 4
TRITIUM

HYDROGEN MASERS

GS STIMULATED EMISSION DEVICES
MASERS
GAS MASERS
HYDROGEN MASERS

HYDROGEN METABOLISM

GS METABOLISM
HYDROGEN METABOLISM
RT CARBOHYDRATE METABOLISM
NITROGEN METABOLISM
OXYGEN METABOLISM
RESPIRATION
SECRETIONS

HYDROGEN OXYGEN ENGINES

UF HYDROX ENGINES
LOX-HYDROGEN ENGINES
GS ENGINES
ROCKET ENGINES
LIQUID PROPELLANT ROCKET
ENGINES
HYDROGEN OXYGEN ENGINES
J-2 ENGINE
M-1 ENGINE
RL-10-A-1 ENGINE
RL-10-A-3 ENGINE
RT AUXILIARY PROPULSION
LIQUID AIR CYCLE ENGINES
TURBOROCKET ENGINES

HYDROGEN OXYGEN FUEL CELLS

HYDROGEN OXYGEN FUEL CELLS

- UF HYDROGEN AIR FUEL CELLS
- GS ELECTRIC GENERATORS
 - . DIRECT POWER GENERATORS
 - . FUEL CELLS
 - . . . **HYDROGEN OXYGEN FUEL CELLS**
 - . . . ELECTROCHEMICAL CELLS
 - . . . FUEL CELLS
 - . . . **HYDROGEN OXYGEN FUEL CELLS**
- RT PHOSPHORIC ACID FUEL CELLS

HYDROGEN PERCHLORATE

- GS HALOGEN COMPOUNDS
 - . CHLORINE COMPOUNDS
 - . PERCHLORATES
 - . . . **HYDROGEN PERCHLORATE**

HYDROGEN PEROXIDE

- GS CHALCOGENIDES
 - . OXIDES
 - . DIOXIDES
 - . . . **HYDROGEN PEROXIDE**
 - . . . HYDROGEN COMPOUNDS
 - . . . **HYDROGEN PEROXIDE**
- RT ROCKET OXIDIZERS

HYDROGEN PLASMA

- GS CHEMICAL ELEMENTS
 - . HYDROGEN
 - . . . **HYDROGEN PLASMA**
 - . . . DEUTERIUM PLASMA
 - . . . GASES
 - . . . HYDROGEN
 - . . . **HYDROGEN PLASMA**
 - . . . DEUTERIUM PLASMA
- RT ARGON PLASMA
 - . DEUTERIUM
 - . HELIUM PLASMA
 - . OXYGEN PLASMA
 - . SOLAR WIND
 - . STARK EFFECT

HYDROGEN PRODUCTION

- RT ELECTROLYSIS
 - . ENERGY CONVERSION
 - . FUELS
 - . HYDRIDES
 - . HYDROGEN-BASED ENERGY
 - . HYDROLYSIS
 - . LIGNITE
 - . SOLAR ENERGY CONVERSION
 - . THERMAL DISSOCIATION

HYDROGEN RECOMBINATIONS

- GS RECOMBINATION REACTIONS
 - . **HYDROGEN RECOMBINATIONS**

HYDROGEN SULFIDE

- GS CHALCOGENIDES
 - . SULFIDES
 - . . . INORGANIC SULFIDES
 - . . . **HYDROGEN SULFIDE**
 - . . . HYDROGEN COMPOUNDS
 - . . . **HYDROGEN SULFIDE**
 - . . . SULFUR COMPOUNDS
 - . . . SULFIDES
 - . . . INORGANIC SULFIDES
 - . . . **HYDROGEN SULFIDE**

HYDROGEN 2

- USE DEUTERIUM

HYDROGEN 3

- USE TRITIUM

HYDROGEN 4

- GS CHEMICAL ELEMENTS
 - . HYDROGEN
 - . . . HYDROGEN ISOTOPES
 - . . . **HYDROGEN 4**
 - . . . NUCLIDES
 - . . . ISOTOPES
 - . . . HYDROGEN ISOTOPES
 - . . . **HYDROGEN 4**
 - . . . GASES
 - . . . HYDROGEN
 - . . . HYDROGEN ISOTOPES
 - . . . **HYDROGEN 4**

HYDROGEN-BASED ENERGY

- RT ∞ ENERGY
 - . ENERGY TECHNOLOGY
 - . FUEL CELLS
 - . GAS MIXTURES

HYDROGEN-BASED ENERGY-(CONT.)

- . HYDROCARBON FUELS
- . HYDROGEN FUELS
- . HYDROGEN PRODUCTION
- . LIQUID HYDROGEN
- . NICKEL HYDROGEN BATTERIES

HYDROGENATION

- GS CHEMICAL REACTIONS
 - . REDUCTION (CHEMISTRY)
 - . . . **HYDROGENATION**
- RT ASPHALTENES
 - . CYCLOHEXANE
 - . DEHYDROGENATION
 - . HYDROGEN
 - . REFINING

HYDROGENOLYSIS

- GS CHEMICAL REACTIONS
 - . **HYDROGENOLYSIS**
 - . DECOMPOSITION
 - . . . **HYDROGENOLYSIS**
- RT CRACKING (CHEMICAL ENGINEERING)
 - . DEHYDROGENATION
 - . HYDROGEN
 - . ∞ REDUCTION

HYDROGENOMONAS

- GS AUTOTROPHS
 - . **HYDROGENOMONAS**
 - . MICROORGANISMS
 - . BACTERIA
 - . . . **HYDROGENOMONAS**

HYDROGEOLOGY

- UF MARINE GEOLOGY
- GS GEOLOGY
 - . **HYDROGEOLOGY**
 - . HYDROLOGY
 - . . . **HYDROGEOLOGY**
- RT AQUIFERS
 - . CORE SAMPLING
 - . EROSION
 - . FLOOD PLAINS
 - . FLOOD PREDICTIONS
 - . GEYSERS
 - . GLACIOLOGY
 - . HYDROLOGY MODELS
 - . HYDROSTATICS
 - . SOIL EROSION
 - . STRATIGRAPHY
 - . WATERSHEDS

HYDROGRAPHY

- RT GEOPHYSICS
 - . HYDROCLIMATOLOGY
 - . HYDROLOGY
 - . HYDROMETEOROLOGY
 - . ICE MAPPING
 - . LIMNOLOGY
 - . METEOROLOGY
 - . OCEAN CURRENTS
 - . OCEAN SURFACE
 - . OCEANOGRAPHY

HYDROKINETICS

- USE HYDROMECHANICS

HYDROLOGY

- GS **HYDROLOGY**
 - . HYDROGEOLOGY
- RT ALLUVIUM
 - . AQUIFERS
 - . CLIMATOLOGY
 - . DRAINAGE
 - . DRAINAGE PATTERNS
 - . DROUGHT
 - . EARTH HYDROSPHERE
 - . EARTH PLANETARY STRUCTURE
 - . FLOOD CONTROL
 - . FLOOD DAMAGE
 - . FLOOD PLAINS
 - . FLOOD PREDICTIONS
 - . FLOODS
 - . GEOCHEMISTRY
 - . GEOPHYSICS
 - . GREAT SALT LAKE (UT)
 - . ∞ HYDRAULICS
 - . HYDROCLIMATOLOGY
 - . HYDROGRAPHY
 - . HYDROMETEOROLOGY
 - . ICE MAPPING
 - . INTERNATIONAL HYDROLOGICAL
 - . DECADE
 - . LAKE ERIE

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HYDROLOGY-(CONT.)

- . LAKE HURON
- . LAKE MICHIGAN
- . LAKE ONTARIO
- . LAKE SUPERIOR
- . LIMNOLOGY
- . MARINE CHEMISTRY
- . METEOROLOGICAL PARAMETERS
- . METEOROLOGY
- . OCEANOGRAPHY
- . POLAR METEOROLOGY
- . PRECIPITATION (METEOROLOGY)
- . RAIN
- . STREAMS
- . STRUCTURAL PROPERTIES (GEOLOGY)
- . WATER
- . WATER MANAGEMENT
- . WATER RESOURCES
- . WATERSHEDS

HYDROLOGY MODELS

- GS MODELS
 - . **HYDROLOGY MODELS**
- RT DRAINAGE
 - . FLOODS
 - . HYDROGEOLOGY
 - . PRECIPITATION (METEOROLOGY)
 - . RAIN
 - . STREAMS
 - . WATER FLOW

HYDROLYSIS

- GS CHEMICAL REACTIONS
 - . **HYDROLYSIS**
- RT AMMONOLYSIS
 - . CRACKING (CHEMICAL ENGINEERING)
 - . EXTRACTION
 - . HYDRATION
 - . HYDROGEN PRODUCTION

HYDROMAGNETIC FLOW

- USE MAGNETOHYDRODYNAMIC FLOW

HYDROMAGNETIC STABILITY

- USE MAGNETOHYDRODYNAMIC STABILITY

HYDROMAGNETIC WAVES

- USE MAGNETOHYDRODYNAMIC WAVES

HYDROMAGNETICS

- USE MAGNETOHYDRODYNAMICS

HYDROMAGNETISM

- USE MAGNETOHYDRODYNAMICS

HYDROMECHANICS

- UF HYDROKINETICS
- GS FLUID MECHANICS
 - . **HYDROMECHANICS**
 - . . . HYDRODYNAMICS
 - . . . ELASTOHYDRODYNAMICS
 - . . . ELECTROHYDRODYNAMICS
 - . . . MAGNETOHYDRODYNAMICS
 - . . . HYDROSTATICS
 - . . . MAGNETOHYDROSTATICS
- RT FLUID DYNAMICS
 - . FLUID FLOW
 - . ∞ HYDRAULICS
 - . KINETICS
 - . WATER

HYDROMETALLURGY

- RT CHLORINATION
 - . ELECTRODIALYSIS
 - . FILTRATION
 - . ION EXCHANGING
 - . LEACHING
 - . ∞ METALLURGY
 - . ∞ PRECIPITATION
 - . PRECIPITATION (CHEMISTRY)
 - . REFINING
 - . SULFATION

HYDROMETEOROLOGY

- GS METEOROLOGY
 - . **HYDROMETEOROLOGY**
 - . . . MARINE METEOROLOGY
- RT AGROMETEOROLOGY
 - . HYDROGRAPHY
 - . HYDROLOGY
 - . PRECIPITATION (CHEMISTRY)
 - . PRECIPITATION (METEOROLOGY)
 - . WATER BALANCE

HYDROMETERS

- GS MEASURING INSTRUMENTS
 - . **HYDROMETERS**
- RT CHEMICAL ANALYSIS
 - DENSITY (MASS/VOLUME)
 - DENSITY MEASUREMENT
 - WEIGHT MEASUREMENT

HYDRONIUM IONS

- GS IONS
 - . **HYDRONIUM IONS**
- RT HYDROGEN
 - HYDROGEN IONS
 - POSITIVE IONS

HYDROPHONES

- UF HYDROBAROPHONES
- GS TRANSDUCERS
 - . SOUND TRANSDUCERS
 - . . . ELECTROACOUSTIC TRANSDUCERS
 - . . . **HYDROPHONES**
- RT MICROPHONES
 - SONAR
 - SONOBUOYS

HYDROPLANES (SURFACES)

- UF HYDROSKIS
- RT HYDROFOILS
 - HYDROPLANING
 - SKIS

HYDROPLANES (VEHICLES)

- RT HYDROFOIL CRAFT
 - HYDROPLANING

HYDROPLANING

- RT HYDROFOILS
 - . HYDROPLANES (SURFACES)
 - . HYDROPLANES (VEHICLES)
 - SKID LANDINGS
 - SKIDDING
 - WATER LANDING

HYDROPONICS

- RT AGRICULTURE
 - AQUATIC PLANTS
 - AQUICULTURE
 - PLANTS (BOTANY)
 - VEGETATION GROWTH

HYDROPOWER STATIONS

- USE HYDROELECTRIC POWER STATIONS

HYDROPYROLYSIS

- GS GASIFICATION
 - . COAL GASIFICATION
 - . . . **HYDROPYROLYSIS**
- RT COAL
 - COAL LIQUEFACTION
 - LIGNITE
 - METHANATION
 - METHANE

HYDROSKIS

- USE HYDROPLANES (SURFACES)

HYDROSPHERE (EARTH)

- USE EARTH HYDROSPHERE

HYDROSPINNING

- GS FORMING TECHNIQUES
 - . METAL SPINNING
 - . . . **HYDROSPINNING**
 - METAL WORKING
 - . METAL SPINNING
 - . . . **HYDROSPINNING**
 - SPIN
 - . METAL SPINNING
 - . . . **HYDROSPINNING**

HYDROSTATIC PRESSURE

- GS PRESSURE
 - . STATIC PRESSURE
 - . . . **HYDROSTATIC PRESSURE**
- RT CENTER OF PRESSURE
 - ELEVATION
 - HEAD (FLUID MECHANICS)
 - HYDROSTATICS
 - ISOSTATIC PRESSURE
 - PRESSURE DEPENDENCE
 - PRESSURE HEADS
 - TRANSITION PRESSURE
 - WATER PRESSURE

HYDROSTATICS

- GS FLUID MECHANICS
 - . HYDROMECHANICS
 - . . . **HYDROSTATICS**
 - MAGNETOHYDROSTATICS
 - STATICS
 - . **HYDROSTATICS**
 - . . . MAGNETOHYDROSTATICS
- RT AEROSTATICS
 - ELEVATION
 - HEAD (FLUID MECHANICS)
 - ∞ HYDRAULICS
 - HYDRODYNAMICS
 - HYDROGEOLOGY
 - HYDROSTATIC PRESSURE
 - ISOSTASY
 - PRESSURE GRADIENTS
 - PRESSURE HEADS
 - WATER
 - WATER PRESSURE

HYDROSULFITES

- GS HYDROGEN COMPOUNDS
 - . **HYDROSULFITES**
 - SULFUR COMPOUNDS
 - . SULFITES
 - . . . **HYDROSULFITES**

HYDROTHERMAL CRYSTAL GROWTH

- GS GROWTH
 - . CRYSTAL GROWTH
 - . . . **HYDROTHERMAL CRYSTAL GROWTH**
- RT ELECTROEPITAXY

HYDROTHERMAL STRESS ANALYSIS

- RT HYDROTHERMAL SYSTEMS
 - HYGRAL PROPERTIES
 - HYGROSCOPICITY
 - MOISTURE CONTENT
 - MOISTURE RESISTANCE

HYDROTHERMAL SYSTEMS

- RT AQUIFERS
 - ENERGY CONVERSION
 - GEOTHERMAL RESOURCES
 - GEYSERS
 - HEATING
 - HYDROTHERMAL STRESS ANALYSIS
 - SOLAR HEATING
 - ∞ SYSTEMS

HYDROX ENGINES

- USE HYDROGEN OXYGEN ENGINES

HYDROXIDES

- GS **HYDROXIDES**
 - . LITHIUM HYDROXIDES
 - . . . POTASSIUM HYDROXIDES
 - . . . SODIUM HYDROXIDES
- RT ALKALIES

HYDROXYCORTICOSTEROID

- GS SECRETIONS
 - . ENDOCRINE SECRETIONS
 - . . . HORMONES
 - . . . **HYDROXYCORTICOSTEROID**
 - STEROIDS
 - . CORTICOSTEROIDS
 - . . . **HYDROXYCORTICOSTEROID**
 - CORTISONE
- RT ADRENAL METABOLISM

HYDROXYL COMPOUNDS

- GS **HYDROXYL COMPOUNDS**
 - . ALCOHOLS
 - . . . ETHYL ALCOHOL
 - . . . GLYCOLS
 - . . . ISOPROPYL ALCOHOL
 - . . . METHYL ALCOHOLS
 - . . . PHENOLS
 - . . . BISPHENOLS
 - . . . CRESOLS
 - . . . PHLOROGLUCINOL
 - . . . THYMOL
 - . . . POLYVINYL ALCOHOL
 - . . . TRIOLS
 - CYANURIC ACID
- RT ALIPHATIC COMPOUNDS

HYDROXYL EMISSION

- GS DECAY
 - . EMISSION
 - . . . RADIO EMISSION
 - . . . **HYDROXYL EMISSION**

HYDROXYL EMISSION-(CONT.)

- ELECTROMAGNETIC RADIATION
 - . RADIO WAVES
 - . . . RADIO EMISSION
 - **HYDROXYL EMISSION**
- RT EMISSION SPECTRA
 - RADIO SOURCES (ASTRONOMY)

HYDROXYL RADICALS

- GS RADICALS
 - . FREE RADICALS
 - . . . **HYDROXYL RADICALS**
- RT ALCOHOLS
 - ∞ CHEMISTRY
 - GLYCOLS
 - IONS

HYDROXYLAMINE SULFATE

- GS AMINES
 - . **HYDROXYLAMINE SULFATE**
 - SULFUR COMPOUNDS
 - . SULFATES
 - . . . **HYDROXYLAMINE SULFATE**

HYDROXYLAMMONIUM PERCHLORATES

- GS AMMONIUM COMPOUNDS
 - . **HYDROXYLAMMONIUM PERCHLORATES**
 - HALOGEN COMPOUNDS
 - . CHLORINE COMPOUNDS
 - . . . PERCHLORATES
 - **HYDROXYLAMMONIUM PERCHLORATES**

HYGIENE

- GS **HYGIENE**
 - . ORAL HYGIENE
- RT BATHING
 - CLEANLINESS
 - CONSUMABLES (SPACECREW SUPPLIES)
 - HEALTH
 - HOUSEKEEPING (SPACECRAFT)
 - PUBLIC HEALTH
 - SANITATION

HYGRAL PROPERTIES

- RT HUMIDITY
 - HYDROTHERMAL STRESS ANALYSIS
 - MOISTURE
 - POROSITY
 - ∞ PROPERTIES

HYGROMETERS

- GS MEASURING INSTRUMENTS
 - . MOISTURE METERS
 - . . . **HYGROMETERS**
 - PSYCHROMETERS
- RT CHEMICAL ANALYSIS
 - DEW POINT
 - HUMIDITY
 - HUMIDITY MEASUREMENT
 - METEOROLOGICAL INSTRUMENTS

HYGROSCOPICITY

- RT CHEMICAL PROPERTIES
 - HYDROTHERMAL STRESS ANALYSIS
 - MATERIAL ABSORPTION
 - MOISTURE CONTENT
 - MOISTURE RESISTANCE
 - ∞ PHYSICAL PROPERTIES
 - SOLUBILITY
 - WETTABILITY

HYLA-STAR ROCKET VEHICLE

- GS LAUNCH VEHICLES
 - . **HYLA-STAR ROCKET VEHICLE**
 - ROCKET VEHICLES
 - . SINGLE STAGE ROCKET VEHICLES
 - . . . **HYLA-STAR ROCKET VEHICLE**
- RT LIQUID PROPELLANT ROCKET ENGINES
 - TITAN 2 ICBM

HYLLERAAS COORDINATES

- GS COORDINATES
 - . **HYLLERAAS COORDINATES**
- RT QUANTUM MECHANICS
 - TWO BODY PROBLEM

HYOSCINE

- UF SCOPOLAMINE
- GS AMINES
 - . **HYOSCINE**
 - EPOXY COMPOUNDS
 - . **HYOSCINE**

HYPERBARIC CHAMBERS

HYOSCINE-(CONT.)

HETEROCYCLIC COMPOUNDS
 . ALKALOIDS
 . . . HYOSCINE
 NITROGEN COMPOUNDS
 . ALKALOIDS
 . . . HYOSCINE

HYPERBARIC CHAMBERS

GS COMPARTMENTS
 . TEST CHAMBERS
 . . . PRESSURE CHAMBERS
 HYPERBARIC CHAMBERS
 RT ∞ CHAMBERS
 HIGH PRESSURE
 VACUUM CHAMBERS

HYPERBOLAS

GS GEOMETRY
 . EUCLIDEAN GEOMETRY
 . . ANALYTIC GEOMETRY
 . . . CONICS
 HYPERBOLAS
 RT HYPERBOLIC TRAJECTORIES

HYPERBOLIC COORDINATES

UF HYPERBOLIC SPACE
 GS COORDINATES
 . HYPERBOLIC COORDINATES

HYPERBOLIC DIFFERENTIAL EQUATIONS

GS ANALYSIS (MATHEMATICS)
 . REAL VARIABLES
 . . DIFFERENTIAL EQUATIONS
 . . . HYPERBOLIC DIFFERENTIAL EQUATIONS
 RT DIRICHLET PROBLEM
 WAVE EQUATIONS

HYPERBOLIC FUNCTIONS

GS ANALYSIS (MATHEMATICS)
 . COMPLEX VARIABLES
 . . HYPERBOLIC FUNCTIONS
 . . . REAL VARIABLES
 HYPERBOLIC FUNCTIONS
 FUNCTIONS (MATHEMATICS)
 . HYPERBOLIC FUNCTIONS
 RT EXPONENTIAL FUNCTIONS
 ∞ HYPERBOLIC SYSTEMS
 METHOD OF CHARACTERISTICS
 ORTHOGONAL FUNCTIONS
 RIEMANN WAVES
 RIESZ THEOREM

HYPERBOLIC NAVIGATION

GS NAVIGATION
 . RADIO NAVIGATION
 . . HYPERBOLIC NAVIGATION
 . . . DECCA NAVIGATION
 LORAN NAVIGATION SYSTEM
 LORAN
 LORAN C
 LORAN D
 SHORAN
 RT AIR NAVIGATION
 ∞ HYPERBOLIC SYSTEMS
 INERTIAL NAVIGATION
 SURFACE NAVIGATION

HYPERBOLIC REENTRY

GS ATMOSPHERIC ENTRY
 . REENTRY
 . . HYPERBOLIC REENTRY
 SPACE FLIGHT
 . HYPERBOLIC REENTRY
 RT REENTRY TRAJECTORIES

HYPERBOLIC SPACE

USE HYPERBOLIC COORDINATES

∞ HYPERBOLIC SYSTEMS

SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED-CONSULT THE TERMS LISTED BELOW)*
 RT HYPERBOLIC FUNCTIONS
 HYPERBOLIC NAVIGATION
 ∞ SYSTEMS

HYPERBOLIC TRAJECTORIES

GS TRAJECTORIES
 . HYPERBOLIC TRAJECTORIES
 RT CELESTIAL MECHANICS
 ESCAPE VELOCITY
 HYPERBOLAS

HYPERBOLIC TRAJECTORIES-(CONT.) SPACECRAFT TRAJECTORIES

HYPERCAPNIA

GS CARBON DIOXIDE TENSION
 . HYPERCAPNIA
 RT BLOOD
 ∞ BREATHING
 RESPIRATORY RATE
 RESPIRATORY SYSTEM

HYPERFINE STRUCTURE

RT ATOMIC STRUCTURE
 FINE STRUCTURE
 LINE SPECTRA
 MUON SPIN ROTATION
 SPECTRUM ANALYSIS
 ∞ STRUCTURES

HYPERGEOMETRIC FUNCTIONS

UF JACOBI POLYNOMIALS
 GS ANALYSIS (MATHEMATICS)
 . COMPLEX VARIABLES
 . . HYPERGEOMETRIC FUNCTIONS
 FUNCTIONS (MATHEMATICS)
 . HYPERGEOMETRIC FUNCTIONS
 RT BESSEL FUNCTIONS
 GEOMETRY
 HYPERSPACES

HYPERGEOMETRY

USE HYPERSPACES

HYPERGLYCEMIA

GS METABOLISM
 . CARBOHYDRATE METABOLISM
 . . HYPERGLYCEMIA

HYPERGOLIC ROCKET PROPELLANTS

GS FUELS
 . LIQUID ROCKET PROPELLANTS
 . . HYPERGOLIC ROCKET PROPELLANTS
 . . . LIQUID FUELS
 LIQUIDS
 . LIQUID ROCKET PROPELLANTS
 . . HYPERGOLIC ROCKET PROPELLANTS
 . . . LIQUID FUELS
 PROPELLANTS
 . ROCKET PROPELLANTS
 . . LIQUID ROCKET PROPELLANTS
 . . . HYPERGOLIC ROCKET PROPELLANTS
 RT CRYOGENIC ROCKET PROPELLANTS
 GELLED ROCKET PROPELLANTS
 HYBRID PROPELLANTS
 HYDROCARBON FUELS
 PYROPHORIC MATERIALS
 SOLID PROPELLANT IGNITION
 SPONTANEOUS COMBUSTION
 STORABLE PROPELLANTS

HYPERION

GS SATELLITES
 . NATURAL SATELLITES
 . . SATURN SATELLITES
 . . . HYPERION
 RT SATURN (PLANET)

HYPERKINESIA

GS PHYSICAL EXERCISE
 . HYPERKINESIA
 RT EXHAUSTION
 FATIGUE (BIOLOGY)
 HYPOKINESIA
 STRESS (PHYSIOLOGY)
 WORK CAPACITY

HYPERNEA

RT MENTAL PERFORMANCE

HYPERNUCLEI

GS GASES
 . IONIZED GASES
 . . CHARGED PARTICLES
 . . . NUCLEI (NUCLEAR PHYSICS)
 HYPERNUCLEI
 RT ELEMENTARY PARTICLES
 RADIOACTIVE DECAY

HYPERONS

GS PARTICLES
 . ELEMENTARY PARTICLES
 . . FERMIONS
 . . . BARYONS

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HYPERONS-(CONT.)

. . . . HYPERONS
 XI HYPERONS
 RT ANTIPARTICLES
 BARYON RESONANCES
 CHARGED PARTICLES
 MESON RESONANCES
 NUCLEONS
 STRANGENESS

HYPEROPIA

GS ACUITY
 . VISUAL ACUITY
 RT . HYPEROPIA
 VISION

HYPEROXIA

UF OXYGEN TOXICITY
 RT HYPERVENTILATION
 OXIMETRY
 OXYGEN CONSUMPTION
 TOXIC DISEASES
 TOXICITY

HYPERPLANES

GS ANALYSIS (MATHEMATICS)
 . REAL VARIABLES
 . . HYPERPLANES
 RT HYPERSPACES
 POLYTOPES
 SET THEORY

HYPERPNEA

RT ∞ BREATHING
 RESPIRATORY RATE

HYPERSONNIA

GS SLEEP
 . HYPERSONNIA

HYPERSONIC AIRCRAFT

SN (AIRCRAFT DESIGNED TO FLY AT SPEEDS OF MACH 5 OR GREATER)
 GS HYPERSONIC VEHICLES
 . HYPERSONIC AIRCRAFT
 . . HYPERSONIC GLIDERS
 . . . X-20 AIRCRAFT
 RT AEROSPACEPLANES
 ∞ AIRCRAFT
 ASTROPLANE
 BOOSTGLIDE VEHICLES
 HYPERSONICS
 JET AIRCRAFT
 ∞ LOW WING AIRCRAFT
 RESEARCH AIRCRAFT
 SUPERSONIC AIRCRAFT
 SWEEPBACK TAIL SURFACES
 SWEEPBACK WINGS
 TRAPEZOIDAL TAIL SURFACES

HYPERSONIC BOUNDARY LAYER

GS BOUNDARY LAYERS
 . HYPERSONIC BOUNDARY LAYER
 RT LAMINAR BOUNDARY LAYER
 THERMAL BOUNDARY LAYER
 TURBULENT BOUNDARY LAYER

HYPERSONIC COMBUSTION

GS COMBUSTION
 . HYPERSONIC COMBUSTION
 RT EROSION BURNING
 FUEL COMBUSTION

HYPERSONIC FLIGHT

RT AERODYNAMICS
 ∞ FLIGHT
 HYPERSONICS
 MISSILES
 ROCKET FLIGHT
 SUPERSONIC FLIGHT

HYPERSONIC FLOW

GS FLUID FLOW
 . HYPERSONIC FLOW
 RT AERODYNAMICS
 CASCADE WIND TUNNELS
 COMPRESSIBLE FLOW
 FLOW VELOCITY
 GAS FLOW
 HYPERSONICS
 HYPERVELOCITY WIND TUNNELS
 LIGHTELL GAS MODEL
 SHOCK TUBES
 SHOCK TUNNELS

NASA THESAURUS (VOLUME 1)

HYPERSONIC FLOW-(CONT.)

SHOCK WAVES
SUPERSONIC FLOW
WIND TUNNELS

HYPERSONIC FORCES

GS AERODYNAMIC FORCES
RT . HYPERSONIC FORCES
AERODYNAMIC DRAG
HYPERSONICS
LIFT

HYPERSONIC GLIDERS

GS GLIDERS
RT . HYPERSONIC GLIDERS
X-20 AIRCRAFT
HYPERSONIC VEHICLES
HYPERSONIC AIRCRAFT
HYPERSONIC GLIDERS
X-20 AIRCRAFT
AEROSPACEPLANES
AIRCRAFT
ASSET GLIDERS
ASTROPLANE
BOOSTGLIDE VEHICLES
HL-10 REENTRY VEHICLE
HLD-35 REENTRY VEHICLE
INFLATABLE HYPERSONIC VEHICLES
LIFTING REENTRY VEHICLES
PARAGLIDERS

HYPERSONIC HEAT TRANSFER

GS TRANSMISSION
HEAT TRANSMISSION
HEAT TRANSFER
AERODYNAMIC HEAT TRANSFER
HYPERSONIC HEAT TRANSFER
RT AEROTHERMODYNAMICS
HYPERSONICS
SUPERSONIC HEAT TRANSFER

HYPERSONIC INLETS

GS INTAKE SYSTEMS
AIR INTAKES
HYPERSONIC INLETS
RT BYPASS RATIO
DIFFUSERS
ENGINE INLETS
INLET AIRFRAME CONFIGURATIONS
NOSE INLETS
SIDE INLETS
SUPERSONIC INLETS

HYPERSONIC NOZZLES

RT CONICAL NOZZLES
NOZZLES
ROCKET NOZZLES
SUPERSONIC NOZZLES
TRANSONIC NOZZLES
WIND TUNNEL NOZZLES

HYPERSONIC REENTRY

GS ATMOSPHERIC ENTRY
REENTRY
HYPERSONIC REENTRY
UNCONTROLLED REENTRY
(SPACECRAFT)
SPACE FLIGHT
HYPERSONIC REENTRY
RT AERODYNAMIC HEATING
AEROTHERMODYNAMICS
BERENICE ROCKET VEHICLE
BOUNDARY LAYER PLASMAS
ENTRY GUIDANCE (STS)
REENTRY EFFECTS
REENTRY PHYSICS
SPACECRAFT REENTRY

HYPERSONIC SHOCK

RT HYPERSONICS
MACH CONES
NOISE (SOUND)
SHOCK WAVES

HYPERSONIC SPEED

GS RATES (PER TIME)
HYPERSONIC SPEED
VELOCITY
HYPERSONIC SPEED
RT HIGH SPEED
HYPERSONICS
HYPERVELOCITY
SUPERSONIC SPEEDS

HYPERSONIC TEST APPARATUS

RT HYPERSONICS
HYPERVELOCITY WIND TUNNELS
MISSILE RANGES
SUPERSONIC TEST APPARATUS
TEST EQUIPMENT

HYPERSONIC VEHICLES

GS HYPERSONIC VEHICLES
HYPERSONIC AIRCRAFT
HYPERSONIC GLIDERS
X-20 AIRCRAFT
INFLATABLE HYPERSONIC VEHICLES
LIFTING REENTRY VEHICLES
HLD-35 REENTRY VEHICLE
JANUS SPACECRAFT
M-2F2 LIFTING BODY
X-20 AIRCRAFT
RT FLIGHT VEHICLES
HYPERSONICS
INSULATED STRUCTURES
RECOVERABLE SPACECRAFT
REENTRY VEHICLES
SPACECRAFT
TEST VEHICLES
VEHICLES
WINGED VEHICLES

HYPERSONIC WAKES

GS WAKES
HYPERSONIC WAKES
RT AIRCRAFT WAKES
BOW WAVES
HYPERSONICS
SHOCK WAVES
SUPERSONIC WAKES

HYPERSONIC WIND TUNNELS

SN (MACH 5 TO 10)
GS TEST FACILITIES
WIND TUNNELS
HYPERSONIC WIND TUNNELS
CASCADE WIND TUNNELS
HOTSHOT WIND TUNNELS
PLASMA JET WIND TUNNELS
SHOCK TUNNELS
RT BLOWDOWN WIND TUNNELS
COMBUSTION WIND TUNNELS
HYPERVELOCITY WIND TUNNELS
LOW DENSITY WIND TUNNELS
MAGNETIC PISTONS
SHOCK TUBES
SUBSONIC WIND TUNNELS
SUPERSONIC WIND TUNNELS
TRANSONIC WIND TUNNELS

HYPERSONICS

GS FLUID MECHANICS
FLUID DYNAMICS
GAS DYNAMICS
AERODYNAMICS
HYPERSONICS
RT AEROTHERMODYNAMICS
HYPERSONIC AIRCRAFT
HYPERSONIC FLIGHT
HYPERSONIC FLOW
HYPERSONIC FORCES
HYPERSONIC HEAT TRANSFER
HYPERSONIC SHOCK
HYPERSONIC SPEED
HYPERSONIC TEST APPARATUS
HYPERSONIC VEHICLES
HYPERSONIC WAKES
SUPERSONIC SPEEDS
SUPERSONICS

HYPERSPACES

UF HYPERGEOMETRY
RT HYPERGEOMETRIC FUNCTIONS
HYPERPLANES
HYPERSPHERES
PHASE-SPACE INTEGRAL
SPACE

HYPERSPHERES

RT GEOMETRY
HYPERSPACES
REAL VARIABLES

HYPERTENSIN

GS ACIDS
AMINO ACIDS
PEPTIDES
HYPERTENSIN
DRUGS

HYPERVELOCITY WIND TUNNELS

HYPERTENSIN-(CONT.)

VASOCONSTRICTOR DRUGS
HYPERTENSIN
ORGANIC COMPOUNDS
AMINO ACIDS
PEPTIDES
HYPERTENSIN
POLYPEPTIDES
PROTEINS
PEPTIDES
HYPERTENSIN
POLYPEPTIDES

HYPERTENSION

GS PRESSURE
BLOOD PRESSURE
HYPERTENSION
RT MYOCARDIAL INFARCTION
TRANQUILIZERS

HYPERTHERMIA

RT BODY TEMPERATURE
FEVER
HEAT STROKE
SKIN TEMPERATURE (BIOLOGY)
THERMOREGULATION

HYPERTONIA

USE OSMOSIS

HYPERTROPHY

USE GROWTH

HYPERVELOCITY

SN (USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)
RT ESCAPE VELOCITY
HYPERSONIC SPEED
ORBITAL VELOCITY
RELATIVISTIC VELOCITY

HYPERVELOCITY ACCELERATORS

USE HYPERVELOCITY GUNS

HYPERVELOCITY CRATERING

USE HYPERVELOCITY PROJECTILES
PROJECTILE CRATERING

HYPERVELOCITY FLOW

GS FLUID FLOW
HYPERVELOCITY FLOW
RT FLOW VELOCITY
SUPERSONIC FLOW

HYPERVELOCITY GUNS

UF HYPERVELOCITY ACCELERATORS
RT ACCELERATORS
BALLISTICS
GAS GUNS
GUNS
GUNS (ORDNANCE)
RAILGUN ACCELERATORS

HYPERVELOCITY IMPACT

GS IMPACT
HYPERVELOCITY IMPACT
RT HYDRODYNAMIC RAM EFFECT
IMPACT MELTS
MECHANICAL SHOCK
METEORITE COLLISIONS
METEORITIC DAMAGE
POINT IMPACT
PROJECTILE CRATERING

HYPERVELOCITY LAUNCHERS

GS LAUNCHERS
HYPERVELOCITY LAUNCHERS
RT GUN LAUNCHERS
RAILGUN ACCELERATORS

HYPERVELOCITY PROJECTILES

UF HYPERVELOCITY CRATERING
GS PROJECTILES
HYPERVELOCITY PROJECTILES
RT BOMBARDMENT
LIGHT GAS GUNS
METEORIODS
MICROMETEORITES
PROJECTILE CRATERING
SIMULATION

HYPERVELOCITY WIND TUNNELS

SN (ABOVE MACH 10)

HYPERVENTILATION

HYPERVELOCITY WIND TUNNELS-(CONT.)

GS TEST FACILITIES
 . WIND TUNNELS
 . . . HYPERVELOCITY WIND TUNNELS
 . . . CASCADE WIND TUNNELS
 . . . HOTSHOT WIND TUNNELS
 . . . PLASMA JET WIND TUNNELS
 . . . SHOCK TUNNELS
 RT BLOWDOWN WIND TUNNELS
 COMBUSTION WIND TUNNELS
 HYPERSONIC FLOW
 HYPERSONIC TEST APPARATUS
 HYPERSONIC WIND TUNNELS
 LOW DENSITY WIND TUNNELS
 MAGNETIC PISTONS
 SHOCK TUBES
 SUPERSONIC WIND TUNNELS

HYPERVENTILATION

RT ACIDOSIS
 ALKALOSIS
 HYPEROXIA

HYPERVOLEMIA

RT BLOOD CIRCULATION
 BLOOD VOLUME
 CIRCULATORY SYSTEM

HYPNOSIS

GS SLEEP
 . HYPNOSIS
 RT ANESTHESIA
 SUGGESTION

HYPOBARIC ATMOSPHERES

RT ALTITUDE SIMULATION
 ALTITUDE TOLERANCE
 . . . ATMOSPHERES
 HIGH ALTITUDE BREATHING
 HIGH ALTITUDE ENVIRONMENTS
 HIGH ALTITUDE PRESSURE
 LOW PRESSURE
 VACUUM TESTS

HYPOCAPNIA

GS CARBON DIOXIDE TENSION
 . HYPOCAPNIA
 RT BLOOD

HYPODERMIS

GS TISSUES (BIOLOGY)
 . HYPODERMIS

HYPODYNAMIA

RT MUSCLES
 MUSCULAR FUNCTION

HYPOELASTICITY

GS MECHANICAL PROPERTIES
 . ELASTIC PROPERTIES
 . . HYPOELASTICITY

HYPOGLYCEMIA

GS METABOLISM
 . CARBOHYDRATE METABOLISM
 . . HYPOGLYCEMIA

HYPOKINESIA

RT HYPERKINESIA
 MUSCULAR FUNCTION
 MUSCULOSKELETAL SYSTEM
 PHYSICAL EXERCISE

HYPOMETABOLISM

GS METABOLISM
 . HYPOMETABOLISM
 RT THYROID GLAND

HYPOTENSION

GS PRESSURE
 . BLOOD PRESSURE
 . . HYPOTENSION
 RT HEMORRHAGES

HYPOTHALAMUS

RT BRAIN
 CEREBRAL CORTEX

HYPOTHERMIA

RT BODY TEMPERATURE
 SKIN TEMPERATURE (BIOLOGY)
 THERMOREGULATION

HYPOTHESES

GS HYPOTHESES
 . EXPECTANCY HYPOTHESIS
 . INTERMITTENCY HYPOTHESIS
 . LAGRANGE SIMILARITY HYPOTHESIS
 . NULL HYPOTHESIS
 . VORTICITY TRANSPORT HYPOTHESIS
 RT ASSUMPTIONS
 INFERENCE
 MATHEMATICAL LOGIC
 QUALITY CONTROL
 THEOREMS
 . . THEORIES
 THESES

HYPOTONIA

GS MUSCULAR TONUS
 . HYPOTONIA
 RT MUSCULAR FUNCTION

HYPOVENTILATION

GS RATES (PER TIME)
 . RESPIRATORY RATE
 . . HYPOVENTILATION

HYPOVOLEMIA

RT BLOOD CIRCULATION
 BLOOD VOLUME

HYPOXEMIA

GS PRESSURE
 . PARTIAL PRESSURE
 . . OXYGEN TENSION
 . . . HYPOXEMIA
 RT HYPOXIA

HYPOXIA

UF OXYGEN DEFICIENCY
 ANOXIA
 RT HYPOXEMIA
 OXIMETRY
 OXYGEN CONSUMPTION
 STRESS (PHYSIOLOGY)

HYPISOGRAPHY

GS GEOGRAPHY
 . HYPISOGRAPHY
 RT CONTOURS
 DATUM (ELEVATION)
 ELEVATION
 MAPPING
 MAPS
 RELIEF MAPS
 TOPOGRAPHY

HYPSONETERS

GS MEASURING INSTRUMENTS
 . HYPSONETERS
 RT ALTIMETERS
 BAROMETERS
 METEOROLOGICAL INSTRUMENTS
 PRESSURE GAGES

HYSTERESIS

RT ACCURACY
 ANTIFERROELECTRICITY
 ANTIFERROMAGNETISM
 DAMPING
 DYNAMIC CHARACTERISTICS
 EDDY CURRENTS
 ELECTRICAL PROPERTIES
 ERRORS
 INTERNAL FRICTION
 MAGNETIC PERMEABILITY
 MAGNETIC PROPERTIES
 MECHANICAL PROPERTIES
 . . . PHYSICAL PROPERTIES
 PRECISION
 RETARDING
 SHEAR PROPERTIES
 TENSILE STRENGTH
 TIME LAG
 TOLERANCES (MECHANICS)
 VISCOELASTICITY
 VISCOPLASTICITY

I BEAMS

GS STRUCTURAL MEMBERS
 . BEAMS (SUPPORTS)

NASA THESAURUS (VOLUME 1)

I BEAMS-(CONT.)

RT . . I BEAMS
 CANTILEVER BEAMS
 CURVED BEAMS
 TRUSSES

IAPETUS

GS CELESTIAL BODIES
 . NATURAL SATELLITES
 . . IAPETUS
 SATELLITES
 . NATURAL SATELLITES
 . . SATURN SATELLITES
 . . . IAPETUS
 RT CHARON
 SATURN (PLANET)

IBM COMPUTERS

GS DATA PROCESSING EQUIPMENT
 . COMPUTERS
 . . IBM COMPUTERS
 . . . IBM 360 COMPUTER
 . . . IBM 370 COMPUTER
 . . . IBM 650 COMPUTER
 . . . IBM 704 COMPUTER
 . . . IBM 709 COMPUTER
 . . . IBM 1130 COMPUTER
 . . . IBM 1401 COMPUTER
 . . . IBM 1410 COMPUTER
 . . . IBM 1620 COMPUTER
 . . . IBM 2250 COMPUTER
 . . . IBM 7000 SERIES COMPUTERS
 . . . IBM 7030 COMPUTER
 . . . IBM 7040 COMPUTER
 . . . IBM 7044 COMPUTER
 . . . IBM 7070 COMPUTER
 . . . IBM 7074 COMPUTER
 . . . IBM 7090 COMPUTER
 . . . IBM 7094 COMPUTER
 RT DIGITAL COMPUTERS

IBM 360 COMPUTER

GS DATA PROCESSING EQUIPMENT
 . COMPUTERS
 . . DIGITAL COMPUTERS
 . . . IBM 360 COMPUTER
 . . . IBM COMPUTERS
 . . . IBM 360 COMPUTER

IBM 370 COMPUTER

GS DATA PROCESSING EQUIPMENT
 . COMPUTERS
 . . DIGITAL COMPUTERS
 . . . IBM 370 COMPUTER
 . . . IBM COMPUTERS
 . . . IBM 370 COMPUTER

IBM 650 COMPUTER

GS DATA PROCESSING EQUIPMENT
 . COMPUTERS
 . . DIGITAL COMPUTERS
 . . . IBM 650 COMPUTER
 . . . IBM COMPUTERS
 . . . IBM 650 COMPUTER

IBM 704 COMPUTER

GS DATA PROCESSING EQUIPMENT
 . COMPUTERS
 . . DIGITAL COMPUTERS
 . . . IBM 704 COMPUTER
 . . . IBM COMPUTERS
 . . . IBM 704 COMPUTER

IBM 709 COMPUTER

GS DATA PROCESSING EQUIPMENT
 . COMPUTERS
 . . DIGITAL COMPUTERS
 . . . IBM 709 COMPUTER
 . . . IBM COMPUTERS
 . . . IBM 709 COMPUTER

IBM 1130 COMPUTER

GS DATA PROCESSING EQUIPMENT
 . COMPUTERS
 . . DIGITAL COMPUTERS
 . . . IBM 1130 COMPUTER
 . . . IBM COMPUTERS
 . . . IBM 1130 COMPUTER

IBM 1401 COMPUTER

GS DATA PROCESSING EQUIPMENT
 . COMPUTERS
 . . DIGITAL COMPUTERS
 . . . IBM 1401 COMPUTER

IBM 1401 COMPUTER-(CONT.)

.. IBM COMPUTERS
.. IBM 1401 COMPUTER

IBM 1410 COMPUTER

GS DATA PROCESSING EQUIPMENT
.. COMPUTERS
.. DIGITAL COMPUTERS
.. IBM 1410 COMPUTER
.. IBM COMPUTERS
.. IBM 1410 COMPUTER

IBM 1620 COMPUTER

GS DATA PROCESSING EQUIPMENT
.. COMPUTERS
.. DIGITAL COMPUTERS
.. IBM 1620 COMPUTER
.. IBM COMPUTERS
.. IBM 1620 COMPUTER

IBM 2250 COMPUTER

GS DATA PROCESSING EQUIPMENT
.. COMPUTERS
.. DIGITAL COMPUTERS
.. IBM 2250 COMPUTER
.. IBM COMPUTERS
.. IBM 2250 COMPUTER

IBM 7000 SERIES COMPUTERS

GS DATA PROCESSING EQUIPMENT
.. COMPUTERS
.. DIGITAL COMPUTERS
.. IBM 7000 SERIES COMPUTERS
.. IBM 7030 COMPUTER
.. IBM 7040 COMPUTER
.. IBM 7044 COMPUTER
.. IBM 7070 COMPUTER
.. IBM 7074 COMPUTER
.. IBM 7090 COMPUTER
.. IBM 7094 COMPUTER
.. IBM COMPUTERS
.. IBM 7000 SERIES COMPUTERS
.. IBM 7030 COMPUTER
.. IBM 7040 COMPUTER
.. IBM 7044 COMPUTER
.. IBM 7070 COMPUTER
.. IBM 7074 COMPUTER
.. IBM 7090 COMPUTER
.. IBM 7094 COMPUTER

IBM 7030 COMPUTER

GS DATA PROCESSING EQUIPMENT
.. COMPUTERS
.. DIGITAL COMPUTERS
.. IBM 7000 SERIES COMPUTERS
.. IBM 7030 COMPUTER
.. IBM COMPUTERS
.. IBM 7000 SERIES COMPUTERS
.. IBM 7030 COMPUTER

IBM 7040 COMPUTER

GS DATA PROCESSING EQUIPMENT
.. COMPUTERS
.. DIGITAL COMPUTERS
.. IBM 7000 SERIES COMPUTERS
.. IBM 7040 COMPUTER
.. IBM COMPUTERS
.. IBM 7000 SERIES COMPUTERS
.. IBM 7040 COMPUTER

IBM 7044 COMPUTER

GS DATA PROCESSING EQUIPMENT
.. COMPUTERS
.. DIGITAL COMPUTERS
.. IBM 7000 SERIES COMPUTERS
.. IBM 7044 COMPUTER
.. IBM COMPUTERS
.. IBM 7000 SERIES COMPUTERS
.. IBM 7044 COMPUTER

IBM 7070 COMPUTER

GS DATA PROCESSING EQUIPMENT
.. COMPUTERS
.. DIGITAL COMPUTERS
.. IBM 7000 SERIES COMPUTERS
.. IBM 7070 COMPUTER
.. IBM COMPUTERS
.. IBM 7000 SERIES COMPUTERS
.. IBM 7070 COMPUTER

IBM 7074 COMPUTER

GS DATA PROCESSING EQUIPMENT
.. COMPUTERS
.. DIGITAL COMPUTERS

IBM 7074 COMPUTER-(CONT.)

.. IBM 7000 SERIES COMPUTERS
.. IBM 7074 COMPUTER
.. IBM COMPUTERS
.. IBM 7000 SERIES COMPUTERS
.. IBM 7074 COMPUTER

IBM 7090 COMPUTER

GS DATA PROCESSING EQUIPMENT
.. COMPUTERS
.. DIGITAL COMPUTERS
.. IBM 7000 SERIES COMPUTERS
.. IBM 7090 COMPUTER
.. IBM COMPUTERS
.. IBM 7000 SERIES COMPUTERS
.. IBM 7090 COMPUTER

IBM 7094 COMPUTER

GS DATA PROCESSING EQUIPMENT
.. COMPUTERS
.. DIGITAL COMPUTERS
.. IBM 7000 SERIES COMPUTERS
.. IBM 7094 COMPUTER
.. IBM COMPUTERS
.. IBM 7000 SERIES COMPUTERS
.. IBM 7094 COMPUTER

ICARUS ASTEROID

GS CELESTIAL BODIES
.. ASTEROID BELTS
.. ASTEROIDS
.. ICARUS ASTEROID

ICBM (MISSILES)

USE INTERCONTINENTAL BALLISTIC MISSILES

ICE

GS ICE
.. BAY ICE
.. GLACIERS
.. LAKE ICE
.. ICE FLOES
.. LAND ICE
.. SEA ICE
.. ICE FLOES
.. ICEBERGS
.. PRESSURE ICE
RT AUFEIS (ICE)
CIRQUES (LANDFORMS)
FROST
POLAR CAPS
REFRIGERANTS
RUNWAY CONDITIONS
SLUSH
STORMS (METEOROLOGY)
WATER

ICE ENVIRONMENTS

UF ANTARCTIC ENVIRONMENT
ARCTIC ENVIRONMENTS
ENVIRONMENTS
.. ICE ENVIRONMENTS
RT ENVIRONMENT EFFECTS
MARINE ENVIRONMENTS
SEA ICE

ICE FLOES

GS ICE
.. LAKE ICE
.. ICE FLOES
.. SEA ICE
.. ICE FLOES
RT OCEANOGRAPHY

ICE FORMATION

UF ICING
GS ICE FORMATION
.. CLOUD GLACIATION
RT BAY ICE
FOULING
FREEZING
HAIL
LAKE ICE
LOW TEMPERATURE
PRESSURE ICE
SEA ICE
SNOW

ICE MAPPING

GS MAPPING
.. ICE MAPPING
RT AERIAL PHOTOGRAPHY
BAY ICE
EARTH RESOURCES

ICE MAPPING-(CONT.)

HYDROGRAPHY
HYDROLOGY
INFRARED PHOTOGRAPHY
OCEANOGRAPHY
PHOTOGEOLOGY
PHOTOGRAPHY
PHOTOMAPPING
SEA ICE
SPACE SURVEILLANCE (SPACEBORNE)
SURVEILLANCE

ICE NUCLEI

RT AITKEN NUCLEI
CLOUD GLACIATION
FREEZING
NUCLEATION
.. NUCLEI

ICE OBSERVATION

USE ICE REPORTING

ICE PACKS

USE SEA ICE

ICE PREVENTION

GS PREVENTION
.. ICE PREVENTION
RT ANTICING ADDITIVES
DEFROSTING
DEICERS
DEICING
HEATING
MELTING
STORM SUPPRESSION

ICE REPORTING

UF ICE OBSERVATION
RT BAY ICE
ICEBERGS
METEOROLOGICAL FLIGHT
POLAR METEOROLOGY
SPACE SURVEILLANCE (SPACEBORNE)
SURVEILLANCE

ICE SHELVES

USE LAND ICE

ICEBERGS

GS ICE
.. SEA ICE
.. ICEBERGS
RESOURCES
.. EARTH RESOURCES
.. ICEBERGS
RT ICE REPORTING
LAND ICE

ICELAND

GS LANDFORMS
.. ISLANDS
.. ICELAND
RT NATIONS

ICHTHYOLOGY

RT FISHES
SCHOOLS (FISH)

ICING

USE ICE FORMATION

ICL COMPUTERS

UF INTERNATIONAL COMPUTERS LIMITED
GS DATA PROCESSING EQUIPMENT
.. COMPUTERS
.. DIGITAL COMPUTERS
.. ICL COMPUTERS
RT EUROPEAN SPACE AGENCY

ICOSAHEDRONS

GS GEOMETRY
.. EUCLIDEAN GEOMETRY
.. POLYHEDRONS
.. ICOSAHEDRONS

IDAHO

GS UNITED STATES OF AMERICA
.. IDAHO
RT COLUMBIA RIVER BASIN (ID-OR-WA)
YELLOWSTONE NATIONAL PARK
(ID-MT-WY)

IDEAL FLUIDS

RT COMPRESSIBLE FLUIDS

IDEAL GAS

IDEAL FLUIDS-(CONT.)

EQUATIONS OF STATE
 ∞ FLUIDS
 INCOMPRESSIBLE FLUIDS
 MOLLIER DIAGRAM

IDEAL GAS

UF PERFECT GAS
 GS GASES
 . IDEAL GAS
 RT DALTON LAW
 EQUATIONS OF STATE
 GAS DENSITY
 KINETIC THEORY
 KINETICS
 REAL GASES

IDENTIFY FRIEND OR FOE

USE IFF SYSTEMS (IDENTIFICATION)

IDENTIFYING

GS IDENTIFYING
 . CROP IDENTIFICATION
 . IFF SYSTEMS (IDENTIFICATION)
 . PARAMETER IDENTIFICATION
 . RAPID BALLISTICS IDENTIFICATION
 . SYSTEM IDENTIFICATION
 . TIMBER IDENTIFICATION
 RT CHEMICAL ANALYSIS
 CODING
 COGNITION
 DETECTION
 GAS DETECTORS
 INSPECTION
 MARKING
 ∞ MEASUREMENT
 MISSILE DETECTION
 PARTICULATE SAMPLING
 PERCEPTION
 RECOGNITION
 SPECTRAL SIGNATURES
 TRACKING (POSITION)
 ULTRASONIC FLAW DETECTION
 WISWESSER NOTATIONS

IDENTITIES

RT CONGRUENCES
 ∞ EQUATIONS

IDEP (DATA EXCHANGE)

USE INTERSERVICE DATA EXCHANGE PROGRAM

IDLERS

RT BEARINGS
 GEARS
 PULLEYS
 ROLLERS
 VEHICULAR TRACKS

IFF SYSTEMS (IDENTIFICATION)

UF IDENTIFY FRIEND OR FOE
 GS IDENTIFYING
 . IFF SYSTEMS (IDENTIFICATION)
 RT AIRCRAFT DETECTION
 COGNITION
 INTERROGATION
 RECOGNITION
 ∞ SYSTEMS

IFR (RULES)

USE INSTRUMENT FLIGHT RULES

IGNEOUS ROCKS

UF IGIMBRITE
 GS ROCKS
 . IGNEOUS ROCKS
 . . ANORTHOSITE
 . . BASALT
 . . DIORITE
 . . DUNITE
 . . ECLOGITE
 . . FELSITE
 . . GRANITE
 . . OBSIDIAN
 . . MOLDAVITE
 . . PERIDOTITE
 . . PUMICE
 . . SYENITE
 . . TRACHYTE
 RT ANDESITE
 BATHOLITHS
 BRECCIA
 EFFUSIVES

IGNEOUS ROCKS-(CONT.)

ENSTATITE
 FELDSPARS
 ILMENITE
 LAVA
 MAGMA
 MICA
 MINERALS
 OLIVINE
 PYROXENES
 QUARTZ
 REGOLITH
 ROCK INTRUSIONS
 SEDIMENTARY ROCKS
 SOILS
 SPINEL
 TOURMALINE

IGNIMBRITE

USE IGNEOUS ROCKS

IGNITERS

GS IGNITERS
 . H-ILO IGNITERS
 . INITIATORS (EXPLOSIVES)
 . BOOSTERS (EXPLOSIVES)
 . CAPS (EXPLOSIVES)
 . DETONATORS
 . PRIMERS (EXPLOSIVES)
 . SQUIBS
 RT AMMUNITION
 ELECTRIC IGNITION
 EXPLOSIVE DEVICES
 IGNITION
 IGNITION SYSTEMS
 INCENDIARY AMMUNITION
 PYROPHORIC MATERIALS
 SOLID PROPELLANT IGNITION
 SPARK PLUGS

IGNITION

UF REIGNITION
 GS IGNITION
 . ELECTRIC IGNITION
 . SOLID PROPELLANT IGNITION
 . SPARK IGNITION
 RT COMBUSTION
 COMBUSTION PHYSICS
 FIRING (IGNITING)
 FLAME PROPAGATION
 FLAMMABILITY
 FLASH POINT
 FUEL COMBUSTION
 IGNITERS
 PREMIXING
 PROPELLANT COMBUSTION
 ROASTING
 SPARKS
 SPONTANEOUS COMBUSTION
 STARTING

IGNITION LIMITS

RT COMBUSTION
 FLAME RETARDANTS
 FLAMMABILITY
 FUEL-AIR RATIO
 GAS MIXTURES
 ∞ LIMITS

IGNITION SYSTEMS

RT AUTOMOBILES
 DISTRIBUTORS
 DWELL
 ELECTRIC COILS
 ELECTRIC IGNITION
 ENGINES
 IGNITERS
 INTERNAL COMBUSTION ENGINES
 ROCKET ENGINES
 SPARK PLUGS
 SQUIBS
 STARTERS
 ∞ SYSTEMS

IGNITION TEMPERATURE

GS TEMPERATURE
 . IGNITION TEMPERATURE
 . . FLASH POINT
 RT COMBUSTION TEMPERATURE
 FLAMMABILITY
 PROPELLANT SENSITIVITY
 PYROPHORIC MATERIALS
 SOLID PROPELLANT IGNITION
 SPONTANEOUS COMBUSTION
 THERMITES

NASA THESAURUS (VOLUME 1)

IGNITRONS

GS ELECTRON TUBES
 . VACUUM TUBES
 . . VACUUM TUBE OSCILLATORS
 . . . GAS DISCHARGE TUBES
 IGNITRONS
 MICROWAVE TUBES
 PLANOTRONS
 IGNITRONS
 MICROWAVE EQUIPMENT
 . MICROWAVE TUBES
 . . PLANOTRONS
 . . . IGNITRONS
 RECTIFIERS
 . IGNITRONS

IGOSS

USE INTEGRATED GLOBAL OCEAN STATION SYSTEMS

IGY (GEOPHYSICAL YEAR)

USE INTERNATIONAL GEOPHYSICAL YEAR

IL-14 AIRCRAFT

UF ILYUSHIN IL-14 AIRCRAFT
 GS ILYUSHIN AIRCRAFT
 . IL-14 AIRCRAFT
 MONOPLANES
 . IL-14 AIRCRAFT
 TRANSPORT AIRCRAFT
 . IL-14 AIRCRAFT

IL-28 AIRCRAFT

UF ILYUSHIN IL-28 AIRCRAFT
 GS ATTACK AIRCRAFT
 . BOMBER AIRCRAFT
 . . IL-28 AIRCRAFT
 ILYUSHIN AIRCRAFT
 . IL-28 AIRCRAFT
 JET AIRCRAFT
 . IL-28 AIRCRAFT
 MONOPLANES
 . IL-28 AIRCRAFT

IL-62 AIRCRAFT

UF CLASSIC AIRCRAFT
 ILYUSHIN IL-62 AIRCRAFT
 GS COMMERCIAL AIRCRAFT
 . IL-62 AIRCRAFT
 ILYUSHIN AIRCRAFT
 . IL-62 AIRCRAFT
 JET AIRCRAFT
 . TURBOFAN AIRCRAFT
 . IL-62 AIRCRAFT
 MONOPLANES
 . IL-62 AIRCRAFT
 PASSENGER AIRCRAFT
 . IL-62 AIRCRAFT

ILLIAC COMPUTERS

GS DATA PROCESSING EQUIPMENT
 . COMPUTERS
 . . DIGITAL COMPUTERS
 . . . ILLIAC COMPUTERS
 ILLIAC 3 COMPUTER
 ILLIAC 4 COMPUTER

ILLIAC 3 COMPUTER

GS DATA PROCESSING EQUIPMENT
 . COMPUTERS
 . . DIGITAL COMPUTERS
 . . . ILLIAC COMPUTERS
 ILLIAC 3 COMPUTER
 RT ANALOG TO DIGITAL CONVERTERS
 PARALLEL PROCESSING (COMPUTERS)

ILLIAC 4 COMPUTER

GS DATA PROCESSING EQUIPMENT
 . COMPUTERS
 . . DIGITAL COMPUTERS
 . . . ILLIAC COMPUTERS
 ILLIAC 4 COMPUTER
 RT ANALOG TO DIGITAL CONVERTERS
 PARALLEL PROCESSING (COMPUTERS)

ILLINOIS

GS UNITED STATES OF AMERICA
 . ILLINOIS
 RT OHIO RIVER (US)
 WABASH RIVER BASIN (IL-IN-OH)

ILLITE

GS CLAYS
 . ILLITE

ILLITE-(CONT.)

MINERALS

RT **ILLITE**
SOILS**ILLUMINANCE**SN (DETECTION RATE PER UNIT AREA OF
VISIBLE RADIATION-EQUALS LIGHT
PRESSURE TIMES SPEED OF LIGHT)UF LIGHT PRESSURE
GS PRESSURE. RADIATION PRESSURE
. LUMINOUS INTENSITY... **ILLUMINANCE**

RATES (PER TIME)

. FLUX DENSITY

. RADIANT FLUX DENSITY

... IRRADIANCE

... **ILLUMINANCE**

... LUMINOUS INTENSITY

... **ILLUMINANCE**

RT BRIGHTNESS

∞ ILLUMINATING

ILLUMINATION

LIGHT (VISIBLE RADIATION)

LUMINANCE

LUMINOSITY

RADIANCE

SOLAR CONSTANT

SOLAR FLUX DENSITY

VISIBILITY

ILLUMINATING

UF LIGHTING

RT ARCHITECTURE

BRIGHTNESS

COMFORT

DARKNESS

ENVIRONMENTAL ENGINEERING

∞ FLARES

GLARE

HUMAN FACTORS ENGINEERING

ILLUMINANCE

∞ ILLUMINATION

LIGHT SOURCES

LIGHT TRANSMISSION

LIGHTING EQUIPMENT

LUMINAIRES

LUMINANCE

PHOTOMETRY

∞ PROJECTION

PROJECTORS

PYROTECHNICS

SHADOWS

∞ ILLUMINATIONSN *(USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)*

RT BRIGHTNESS DISCRIMINATION

DARKENING

DARKNESS

∞ DIFFUSERS

ILLUMINANCE

ILLUMINATING

ILLUMINATORS

ISOPHOTES

LIGHT TRANSMISSION

LUMINESCENCE

PHOTOMETRY

ILLUMINATORS

GS LIGHT SOURCES

. **ILLUMINATORS**

LIGHTING EQUIPMENT

. **ILLUMINATORS**

RT ∞ ILLUMINATION

INCANDESCENCE

LUMINESCENCE

ILLUSIONS

GS PSYCHOLOGICAL EFFECTS

. **ILLUSIONS**

... HALLUCINATIONS

... MOON ILLUSION

... OCULOGRAVIC ILLUSIONS

... OPTICAL ILLUSION

... ELEVATOR ILLUSION

RT AFTERIMAGES

IMAGES

PERCEPTION

VISION

ILMENITE

GS CHALCOGENIDES

ILMENITE-(CONT.)

. OXIDES

... METAL OXIDES

... IRON OXIDES

... **ILMENITE**

... TITANIUM OXIDES

... **ILMENITE**

IRON COMPOUNDS

. IRON OXIDES

... **ILMENITE**

MINERALS

. **ILMENITE**

TITANIUM COMPOUNDS

. TITANATES

... **ILMENITE**

. TITANIUM OXIDES

... **ILMENITE**

RT IGNEOUS ROCKS

SANDS

ILS (LANDING SYSTEMS)

USE INSTRUMENT LANDING SYSTEMS

ILYUSHIN AIRCRAFTGS **ILYUSHIN AIRCRAFT**

. IL-14 AIRCRAFT

. IL-28 AIRCRAFT

. IL-62 AIRCRAFT

RT ∞ AIRCRAFT

ILYUSHIN IL-14 AIRCRAFT

USE IL-14 AIRCRAFT

ILYUSHIN IL-28 AIRCRAFT

USE IL-28 AIRCRAFT

ILYUSHIN IL-62 AIRCRAFT

USE IL-62 AIRCRAFT

IMAGE CONTRAST

GS CONTRAST

. **IMAGE CONTRAST**

RT FOCUSING

PATTERN REGISTRATION

RESOLUTION

SELF FOCUSING

SIGNAL TO NOISE RATIOS

SMEAR

VISIBILITY

IMAGE CONVERTERS

GS OPTICAL EQUIPMENT

. **IMAGE CONVERTERS**

... CELESTROSCOPES

... IMAGE TUBES

... THERMICONS

RT CAMERA TUBES

∞ CONVERTERS

LALLEMAND CAMERAS

LIGHT AMPLIFIERS

MICROCHANNELS

PHOTOCATHODES

IMAGE CORRELATORS

UF SIMICOR (IMAGE CORRELATOR)

SIMULTANEOUS IMAGE CORRELATOR

GS CORRELATORS

. **IMAGE CORRELATORS**

RT HOLOGRAPHY

IMAGING TECHNIQUES

MAP MATCHING GUIDANCE

PATTERN REGISTRATION

VIDEO LANDMARK ACQUISITION AND

TRACKING

IMAGE DISSECTOR TUBES

GS ELECTRON TUBES

. CAMERA TUBES

... **IMAGE DISSECTOR TUBES**

TELEVISION EQUIPMENT

RT **IMAGE DISSECTOR TUBES**

GUIDANCE SENSORS

SATELLITE ORIENTATION

IMAGE ENHANCEMENT

GS IMAGING TECHNIQUES

. **IMAGE ENHANCEMENT**

RT FOCUSING

GEOMETRIC RECTIFICATION (IMAGERY)

IMAGES

LIGHT AMPLIFIERS

RADIOMETRIC CORRECTION

RESOLUTION

SIGNAL TO NOISE RATIOS

IMAGE ENHANCEMENT-(CONT.)

TOMOGRAPHY

IMAGE FILTERS

RT ∞ FILTERS

IMAGING TECHNIQUES

IMAGE FURNACES

GS HEATING EQUIPMENT

. FURNACES

... **IMAGE FURNACES**

LABORATORY EQUIPMENT

. **IMAGE FURNACES**

RT ARC HEATING

CARBON ARCS

IMAGE INTENSIFIERS

UF INTENSIFIER TUBES

GS INTENSIFIERS

. **IMAGE INTENSIFIERS**

... IMAGE ORTHICONS

RT AMPLIFIERS

IMAGING TECHNIQUES

LALLEMAND CAMERAS

LIGHT AMPLIFIERS

NIGHT VISION

ORTHICONS

PHOSPHORS

PHOTOCATHODES

IMAGE MOTION COMPENSATION

RT AERIAL PHOTOGRAPHY

∞ COMPENSATION

IMAGING TECHNIQUES

PATTERN REGISTRATION

IMAGE ORTHICONS

GS ELECTRON TUBES

. CAMERA TUBES

... ORTHICONS

... **IMAGE ORTHICONS**

INTENSIFIERS

. IMAGE INTENSIFIERS

... **IMAGE ORTHICONS**

MICROWAVE EQUIPMENT

. MICROWAVE TUBES

... ORTHICONS

... **IMAGE ORTHICONS**

RT PHOTOCATHODES

IMAGE PROCESSINGGS **IMAGE PROCESSING**

. GEOMETRIC RECTIFICATION (IMAGERY)

RT DATA PROCESSING

IMAGERY

IMAGING TECHNIQUES

NAP-OF-THE-EARTH NAVIGATION

ONBOARD DATA PROCESSING

OPTICAL DATA PROCESSING

POINT SPREAD FUNCTIONS

∞ PROCESSING

PUSHBROOM SENSOR MODES

SPATIAL RESOLUTION

IMAGE RECONSTRUCTION

RT DISPLAY DEVICES

HOLOGRAPHY

IMAGING TECHNIQUES

PATTERN REGISTRATION

IMAGE RESOLUTION

GS RESOLUTION

. **IMAGE RESOLUTION**

RT ELECTRO-OPTICAL PHOTOGRAPHY

IMAGERY

MATCHING

MULTISPECTRAL PHOTOGRAPHY

PATTERN REGISTRATION

SPATIAL RESOLUTION

IMAGE ROTATION

RT IMAGING TECHNIQUES

ROTATION

IMAGE TRANSDUCERS

GS TRANSDUCERS

. **IMAGE TRANSDUCERS**

RT CAMERA TUBES

IMAGING TECHNIQUES

LALLEMAND CAMERAS

IMAGE TUBES

GS MICROWAVE EQUIPMENT

. MICROWAVE TUBES

IMAGE VELOCITY SENSORS

IMAGE TUBES-(CONT.)

IMAGE TUBES

- ... THERMIONS
- OPTICAL EQUIPMENT
- IMAGE CONVERTERS
- IMAGE TUBES
- ... THERMIONS

- RT CATHODE RAY TUBES
- DISPLAY DEVICES
- FLYING SPOT SCANNERS
- HEAD-UP DISPLAYS
- MONOSCOPES

IMAGE VELOCITY SENSORS

- RT IMAGES
- IMAGING TECHNIQUES
- ∞ SENSORS

IMAGERY

- GS IMAGERY
- ... AERIAL PHOTOGRAPHY
- ... ALL SKY PHOTOGRAPHY
- ... ASTRONOMICAL PHOTOGRAPHY
- ... BLACK AND WHITE PHOTOGRAPHY
- ... CHRONOPHOTOGRAPHY
- ... CINEMATOGRAPHY
- ... CLOUD PHOTOGRAPHY
- ... COLOR PHOTOGRAPHY
- ... ELECTRO-OPTICAL PHOTOGRAPHY
- ... ELECTRON PHOTOGRAPHY
- ... HOLOGRAPHY
- ... ACOUSTICAL HOLOGRAPHY
- ... MICROWAVE HOLOGRAPHY
- ... WHITE LIGHT HOLOGRAPHY
- ... INFRARED IMAGERY
- ... INFRARED PHOTOGRAPHY
- ... COLOR INFRARED PHOTOGRAPHY
- ... KINOFORM
- ... LUNAR PHOTOGRAPHY
- ... MICROWAVE IMAGERY
- ... MICROWAVE PHOTOGRAPHY
- ... PHOTOMICROGRAPHY
- ... PHOTORECONNAISSANCE
- ... RADAR IMAGERY
- ... RADAR PHOTOGRAPHY
- ... RADIOGRAPHY
- ... ANGIOGRAPHY
- ... AUTORADIOGRAPHY
- ... NEUTRON RADIOGRAPHY
- ... TOMOGRAPHY
- ... UROGRAPHY
- ... REPRODUCTION (COPYING)
- ... XEROGRAPHY
- ... ROCKET-BORNE PHOTOGRAPHY
- ... SHADOWGRAPH PHOTOGRAPHY
- ... SCHLIEREN PHOTOGRAPHY
- ... SPACEBORNE PHOTOGRAPHY
- ... SATELLITE-BORNE PHOTOGRAPHY
- ... SPECTROHELIOGRAPHS
- ... SPECTROPHOTOGRAPHY
- ... STEREOSCOPY
- ... STEREOPHOTOGRAPHY
- ... ULTRAVIOLET PHOTOMETRY
- ... X RAY IMAGERY
- RT ACOUSTO-OPTICS
- APPEARANCE
- ATMOSPHERIC & OCEANOGRAPHIC
- INFORM SYS
- CONTOUR SENSORS
- DISPLAY DEVICES
- EARTH RESOURCES
- GEOMETRIC RECTIFICATION (IMAGERY)
- GRAPHIC ARTS
- GROUND TRUTH
- IMAGE PROCESSING
- IMAGE RESOLUTION
- MICROWAVE SOUNDING
- MULTISPECTRAL PHOTOGRAPHY
- MULTISPECTRAL RADAR
- PHOTOGRAPHY
- RADAR SIGNATURES
- SCENE ANALYSIS
- SEA TRUTH
- SIGNATURE ANALYSIS

IMAGES

- UF OPTICAL IMAGES
- GS IMAGES
- ... AFTERIMAGES
- ... RETINAL IMAGES
- RT CONTOUR SENSORS
- DISPLAY DEVICES
- EVAPOROGRAPHY
- HALOS
- HELMET MOUNTED DISPLAYS

IMAGES-(CONT.)

- ILLUSIONS
- IMAGE ENHANCEMENT
- IMAGE VELOCITY SENSORS
- PERCEPTION
- PHOTOGRAPHS
- REPRESENTATIONS
- SPATIAL FILTERING
- VISION

IMAGING TECHNIQUES

- GS IMAGING TECHNIQUES
- ... IMAGE ENHANCEMENT
- ... RADAR IMAGERY
- RT ACOUSTIC MICROSCOPES
- ACOUSTICAL HOLOGRAPHY
- ADAPTIVE OPTICS
- CROP IDENTIFICATION
- HOLOGRAMMETRY
- IMAGE CORRELATORS
- IMAGE FILTERS
- IMAGE INTENSIFIERS
- IMAGE MOTION COMPENSATION
- IMAGE PROCESSING
- IMAGE RECONSTRUCTION
- IMAGE ROTATION
- IMAGE TRANSDUCERS
- IMAGE VELOCITY SENSORS
- ∞ METHODOLOGY
- MICROWAVE HOLOGRAPHY
- MODULATION TRANSFER FUNCTION
- MULTISPECTRAL BAND SCANNERS
- MULTISPECTRAL PHOTOGRAPHY
- MULTISPECTRAL RADAR
- OPTICAL RELAY SYSTEMS
- OPTICAL TRANSFER FUNCTION
- ∞ OPTICS
- PATTERN REGISTRATION
- PHOTOGRAPHY
- RAPID BALLISTICS IDENTIFICATION
- SCENE ANALYSIS
- SPATIAL RESOLUTION
- STREAK PHOTOGRAPHY
- SYNTHETIC APERTURES
- TELEVISION SYSTEMS
- ULTRASONIC SCANNERS
- X RAY IMAGERY

IMBEDDINGS

- SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)*
- RT ENCAPSULATING
- IMBEDDINGS (MATHEMATICS)
- INVARIANT IMBEDDINGS
- ∞ MATRICES

IMBEDDINGS (MATHEMATICS)

- GS GEOMETRY
- ... TOPOLOGY
- ... IMBEDDINGS (MATHEMATICS)
- ... INVARIANT IMBEDDINGS
- RT ∞ IMBEDDINGS

IMBLMS

- UF INTEG MED AND BEHAVIORAL LAB
- MEASUR SYSTEM
- RT BIOINSTRUMENTATION
- BIOMEDICAL DATA
- MEASURING INSTRUMENTS
- MEDICAL EQUIPMENT

IMCC (CONTROL CENTER)

- USE INTEGRATED MISSION CONTROL CENTER

IME SATELLITE

- USE INTERNATIONAL MAGNETOSPHERIC EXPLORER

IMIDES

- GS NITROGEN COMPOUNDS
- ... IMIDES
- ... SUCCINIMIDES
- RT AMIDES

IMINES

- UF SCHIFF BASES
- GS NITROGEN COMPOUNDS
- ... IMINES
- RT AMINES

NASA THESAURUS (VOLUME 1)

IMLSS

- UF INTEGRATED MANEUVERING LIFE SUPPORT SYS
- GS SELF MANEUVERING UNITS
- ... IMLSS
- RT ASTRONAUT MANEUVERING EQUIPMENT
- EXTRAVEHICULAR ACTIVITY
- EXTRAVEHICULAR MOBILITY UNITS

IMMERSION

- USE SUBMERGING

IMMISCIBILITY

- USE SOLUBILITY

IMMITTANCE

- USE ELECTRICAL IMPEDANCE

IMMOBILIZATION

- RT DAMAGE
- IMPAIRMENT
- ∞ MOTION

IMMUNITY

- RT INFECTIOUS DISEASES
- INOCULATION
- ∞ RESISTANCE
- TOXINS AND ANTITOXINS

IMMUNOASSAY

- UF PLASMA RENIN ACTIVITY
- GS IMMUNOASSAY
- ... RADIOIMMUNOASSAY
- RT ANTIGENS
- ASSAYING
- BIOCHEMISTRY
- IMMUNOLOGY
- RADIOBIOLOGY

IMMUNOLOGY

- GS MEDICAL SCIENCE
- ... IMMUNOLOGY
- RT ALLERGIC DISEASES
- ANTIBODIES
- ANTIGENS
- ANTISERUMS
- BIOCOMPATIBILITY
- ∞ BIOLOGY
- IMMUNOASSAY
- KEROSENE POISONING
- PROPHYLAXIS
- RADIOIMMUNOASSAY
- VETERINARY MEDICINE

IMP

- UF INTERPLANETARY MONITORING PLATFORM
- GS SATELLITES
- ... ARTIFICIAL SATELLITES
- ... EXPLORER SATELLITES
- ... IMR
- ... LUNAR SATELLITES
- ... IMP
- ... EARTH SATELLITES
- ... EXPLORER SATELLITES
- ... IMP

IMP-A

- USE EXPLORER 18 SATELLITE

IMP-B

- USE EXPLORER 21 SATELLITE

IMP-C

- USE EXPLORER 28 SATELLITE

IMP-D

- USE EXPLORER 33 SATELLITE

IMP-E

- USE EXPLORER 35 SATELLITE

IMP-F

- USE EXPLORER 34 SATELLITE

IMP-G

- USE EXPLORER 41 SATELLITE

IMP-H

- USE EXPLORER 47 SATELLITE

IMP-I

- USE EXPLORER 43 SATELLITE

IMP-J
USE EXPLORER 50 SATELLITE

IMP-1
USE EXPLORER 18 SATELLITE

IMP-2
USE EXPLORER 21 SATELLITE

IMP-3
USE EXPLORER 28 SATELLITE

IMP-4
USE EXPLORER 34 SATELLITE

IMP-5
USE EXPLORER 41 SATELLITE

IMP-6
USE EXPLORER 43 SATELLITE

IMP-7
USE EXPLORER 47 SATELLITE

IMP-8
USE EXPLORER 50 SATELLITE

IMPACT
GS **IMPACT**
.. ECONOMIC IMPACT
.. ELECTRON IMPACT
.. HYPERVELOCITY IMPACT
.. ION IMPACT
.. POINT IMPACT
.. PROTON IMPACT
RT DECELERATION
HYDRODYNAMIC RAM EFFECT
IMPINGEMENT
MECHANICAL SHOCK
PENETRATION
PERCUSSION
PRESSURE
SHOCK ABSORBERS
SHOCK RESISTANCE
SHOCK WAVES
STRESSES

IMPACT ACCELERATION
UF IMPACT DECELERATION
GS RATES (PER TIME)
.. ACCELERATION (PHYSICS)
.. **IMPACT ACCELERATION**
RT DECELERATION
MECHANICAL SHOCK
PHYSIOLOGICAL ACCELERATION
RAILROAD HUMMING TESTS
SHOCK ABSORBERS

IMPACT DAMAGE
GS DAMAGE
.. **IMPACT DAMAGE**
.. METEORITIC DAMAGE
.. RAIN IMPACT DAMAGE
RT CRATERING
CRATERS
EJECTA
IMPACT TOLERANCES
MARS CRATERS
METEOROID PROTECTION
PLANETARY CRATERS

IMPACT DECELERATION
USE DECELERATION
IMPACT ACCELERATION

IMPACT FUSION
GS INERTIAL CONFINEMENT FUSION
.. **IMPACT FUSION**
RT FUSION REACTORS

IMPACT LOADS
UF IMPACT PRESSURES
GS LOADS (FORCES)
.. COMPRESSION LOADS
.. **IMPACT LOADS**
.. DYNAMIC LOADS
.. TRANSIENT LOADS
.. **IMPACT LOADS**
PRESSURE
.. **IMPACT LOADS**
RT BLAST LOADS
DYNAMIC PRESSURE
FIBER ORIENTATION
LANDING LOADS

IMPACT LOADS-(CONT.)
LOADING RATE
RANDOM LOADS
SHOCK LOADS
STRUCTURAL DESIGN CRITERIA

IMPACT MELTS
GS MELTS (CRYSTAL GROWTH)
.. **IMPACT MELTS**
RT CELESTIAL BODIES
HYPERVELOCITY IMPACT
LUNAR ROCKS
MELTING
METEORITES
MINERALS
PETROLOGY

IMPACT PREDICTION
UF ARIP (IMPACT PREDICTION)
AUTOMATIC ROCKET IMPACT
PREDICTORS
GS PREDICTIONS
.. **IMPACT PREDICTION**
RT BALLISTIC TRAJECTORIES
DOWNRANGE
GUIDANCE (MOTION)
LASER GUIDANCE
MISSILE TRAJECTORIES
RANGE SAFETY
REENTRY
TRAJECTORY ANALYSIS

IMPACT PRESSURES
USE IMPACT LOADS

IMPACT RESISTANCE
UF IMPACT SENSITIVITY
GS SENSITIVITY
.. **IMPACT RESISTANCE**
SHOCK RESISTANCE
.. **IMPACT RESISTANCE**
RT CRASHWORTHINESS
PROPELLANT SENSITIVITY
TOLERANCES (PHYSIOLOGY)

IMPACT SENSITIVITY
USE IMPACT RESISTANCE

IMPACT STRENGTH
GS MECHANICAL PROPERTIES
.. **IMPACT STRENGTH**
RT BRITTLE MATERIALS
BRITTLENESS
DUCTILITY
EARTHQUAKE RESISTANCE
HARDNESS
NOTCH SENSITIVITY
.. RESISTANCE
SHEAR PROPERTIES
.. STRENGTH
STRESS CONCENTRATION
WAVE RESISTANCE

IMPACT TESTING MACHINES
RT DROP TESTS
FATIGUE TESTS
.. TEST EQUIPMENT

IMPACT TESTS
GS **IMPACT TESTS**
.. CHARPY IMPACT TEST
RT BRITTLENESS
COMPRESSION TESTS
DESTRUCTIVE TESTS
DROP TESTS
FATIGUE TESTS
HARDNESS TESTS
IMPACTORS
LOAD TESTS
.. MATERIALS TESTS
NOTCH SENSITIVITY
NOTCH STRENGTH
NOTCH TESTS
SHOCK TESTS
STRAIN RATE
STRESS CONCENTRATION
.. TESTS
TOUGHNESS

IMPACT TOLERANCES
GS TOLERANCES (MECHANICS)
.. **IMPACT TOLERANCES**
RT IMPACT DAMAGE

IMPACTORS
RT CRUSHERS
GRINDING MILLS
HAMMERS
IMPACT TESTS

IMPAIRMENT
RT DAMAGE
IMMOBILIZATION
INJURIES
LOSSES

IMPATT DIODES
USE AVALANCHE DIODES

IMPEDANCE
UF DUMMY LOADS
GS **IMPEDANCE**
.. ACOUSTIC IMPEDANCE
.. ELECTRICAL IMPEDANCE
.. ELECTRICAL RESISTANCE
.. CONTACT RESISTANCE
.. SKIN RESISTANCE
.. REACTANCE
.. MECHANICAL IMPEDANCE
.. RESPIRATORY IMPEDANCE
RT ATTENUATION COEFFICIENTS
BANDWIDTH
CHOKES (RESTRICTIONS)
.. CONDUCTIVITY
CONSTRUCTIONS
DAMPING
DIFFUSIVITY
DYNAMIC CHARACTERISTICS
DYNAMIC RESPONSE
ELECTRIC COILS
ELECTRICAL PROPERTIES
.. HYDRAULICS
.. MECHANICAL PROPERTIES
.. PHYSICAL PROPERTIES
.. RESISTANCE
.. RESONANT FREQUENCIES
SMITH CHART
TIME CONSTANT
TRANSIENT RESPONSE

IMPEDANCE MATCHING
RT ANTENNA COUPLERS
COUPLERS
COUPLING CIRCUITS
ELECTRIC NETWORKS
ELECTRICAL IMPEDANCE
ITERATIVE NETWORKS
MATCHING
MODE TRANSFORMERS
TRANSFER FUNCTIONS
TRANSMISSION LINES
WAVEGUIDE TUNERS
WAVEGUIDE WINDOWS

IMPEDANCE MEASUREMENT
RT ELECTRICAL IMPEDANCE
ELECTRICAL MEASUREMENT
MECHANICAL IMPEDANCE
MISMATCH (ELECTRICAL)
RADIO FREQUENCY IMPEDANCE
PROBES

IMPEDANCE PROBES
GS MEASURING INSTRUMENTS
.. **IMPEDANCE PROBES**
.. RADIO FREQUENCY IMPEDANCE
PROBES
RT RESONANCE PROBES

IMPELLER BLADES
USE ROTOR BLADES (TURBOMACHINERY)

IMPELLERS
GS ROTATING BODIES
.. ROTORS
.. **IMPELLERS**
.. PUMP IMPELLERS
RT BLOWERS
CENTRIFUGAL COMPRESSORS
CENTRIFUGAL PUMPS
COMPRESSOR ROTORS
PUMPS
ROTOR BLADES (TURBOMACHINERY)
STATORS
TURBINE WHEELS
TURBINES
TURBOMACHINE BLADES
VANES

IMPERFECTIONS

IMPERFECTIONS
USE DEFECTS

IMPERIAL VALLEY (CA)
GS VALLEYS
. **IMPERIAL VALLEY (CA)**
RT CALIFORNIA
DESERTS
MEXICO

IMPINGEMENT
GS **IMPINGEMENT**
. JET IMPINGEMENT
RT ABLATION
ATTENUATION
CAVITATION FLOW
CORROSION
EROSION
GAS-SOLID INTERACTIONS
IMPACT
INCIDENCE
REFLECTION
SCATTERING

IMPLANTATION
GS **IMPLANTATION**
. HEART IMPLANTATION
. ION IMPLANTATION
RT GRAFTING
INJECTION
INSERTION

IMPLANTED ELECTRODES (BIOLOGY)
GS ELECTRODES
. **IMPLANTED ELECTRODES (BIOLOGY)**

IMPLICATION
RT INFERENCE

IMPLOSIONS
RT BURSTS
EXPLOSIONS
EXPLOSIVE DECOMPRESSION
PROPELLANT EXPLOSIONS
SHOCK WAVES

IMPREGNATING
RT CHEMICAL ATTACK
COATINGS
FINISHES
INSERTION
LUBRICATION
PERMEATING
POROSITY
PRESERVING
SELF LUBRICATING MATERIALS
SELF LUBRICATION

IMPROVED TIROS OPERATIONAL SATELLITES
GS SATELLITES
. ARTIFICIAL SATELLITES
. METEOROLOGICAL SATELLITES
. TIROS SATELLITES
. **IMPROVED TIROS OPERATIONAL SATELLITES**
. ITOS 1
. ITOS 2
. ITOS 3
. ITOS 4
. EARTH SATELLITES
. METEOROLOGICAL SATELLITES
. TIROS SATELLITES
. **IMPROVED TIROS OPERATIONAL SATELLITES**
. ITOS 1
. ITOS 2
. ITOS 3
. ITOS 4
RT TIROS K SATELLITE
TIROS M
TIROS N SATELLITE

IMPROVEMENT
RT CORRECTION
PUBLIC RELATIONS
UPGRADING

IMPULSE GENERATORS
RT ∞ GENERATORS
PULSE GENERATORS
TURBINES

IMPULSES
RT HIGH IMPULSE

IMPULSES-(CONT.)
SPECIFIC IMPULSE

IMPURITIES
RT CONTAMINANTS
CRYSTAL DEFECTS
DIRT
HETEROGENEITY
INCLUSIONS
POINT DEFECTS
QUALITY
TRACE CONTAMINANTS
ULTRAPURE METALS
WASTES

IMS
USE INTERNATIONAL MAGNETOSPHERIC
STUDY

IN-FLIGHT MONITORING
RT CREW PROCEDURES (INFLIGHT)
CREW PROCEDURES (PREFLIGHT)
FLIGHT CONTROL
FLIGHT TESTS
MONITORS
TELEMETRY

INACTIVATION
USE DEACTIVATION

INCANDESCENCE
GS DECAY
. EMISSION
. LIGHT EMISSION
. **INCANDESCENCE**
RT BRIGHTNESS
COLOR
EMISSIVITY
ILLUMINATORS
LIGHT (VISIBLE RADIATION)
LUMINESCENCE
LUMINOSITY
LUMINOUS INTENSITY
RADIANCE
SPECTRAL EMISSION
THERMAL EMISSION

INCENDIARY AMMUNITION
GS AMMUNITION
. **INCENDIARY AMMUNITION**
RT BOMBS (ORDNANCE)
COMBUSTION
EXOTHERMIC REACTIONS
GRENADES
GUNS (ORDNANCE)
IGNITERS
MISSILES
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. POSITION INDICATORS
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. RADIO DIRECTION FINDERS
. SPACECRAFT POSITION
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RT ∞ GROUP 3A COMPOUNDS
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USE FLUID FLOW

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 . ELECTRICAL PROPERTIES
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 ELECTRICAL IMPEDANCE
 LC CIRCUITS
 MAGNETIC INDUCTION
 MAGNETIC PROPERTIES
 REACTANCE
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SN *(USE OF A MORE SPECIFIC TERM IS
 RECOMMENDED--CONSULT THE TERMS
 LISTED BELOW)*
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 INITIATION
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 RT FURNACES
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 . . THIN WINGS
 . . . **INFINITE SPAN WINGS**
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 . . . **INFINITE SPAN WINGS**
 . . THIN WINGS
 . . . **INFINITE SPAN WINGS**
 . . UNSWEPT WINGS
 . . . **INFINITE SPAN WINGS**
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 . WING PLANFORMS
 . . **INFINITE SPAN WINGS**
RT FLEXIBLE WINGS

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GS EXPANDABLE STRUCTURES
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 . . **INFLATABLE HYPERSONIC VEHICLES**
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SN (EXCLUDES ECONOMIC INFLATION)
RT EXPANSION
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. INFLUENCE COEFFICIENT
. STRUCTURAL INFLUENCE
COEFFICIENTS
RT AEROELASTICITY
DISCHARGE COEFFICIENT
ELASTIC PROPERTIES
FLUTTER
FORCE DISTRIBUTION
∞ HYDRAULICS
MOMENT DISTRIBUTION
NOZZLE THRUST COEFFICIENTS
PLASTIC PROPERTIES
PRESSURE DISTRIBUTION
STRESS ANALYSIS
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GS DISEASES
. INFECTIOUS DISEASES
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COMMUNICATING
COMMUNICATION
∞ DATA
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GS INFORMATION SYSTEMS
. INFORMATION ADAPTIVE SYSTEM
RT COMMUNICATION EQUIPMENT
∞ SYSTEMS

INFORMATION DISSEMINATION

GS COMMUNICATING
. INFORMATION DISSEMINATION
. MESSAGES
. SELECTIVE DISSEMINATION OF
INFORMATION
RT BIBLIOGRAPHIES
CATALOGS (PUBLICATIONS)
DOCUMENTATION
EXTRATERRESTRIAL COMMUNICATION
INDEXES (DOCUMENTATION)
LIBRARIES
PRIVACY
REPORTS
SUMMARIES

INFORMATION FLOW

RT AEROSPACE TECHNOLOGY TRANSFER
COMMUNICATING
COMMUNICATION
∞ FLOW
MANAGEMENT
MESSAGE PROCESSING
SELECTIVE DISSEMINATION OF
INFORMATION
TECHNOLOGY TRANSFER

INFORMATION MANAGEMENT

GS MANAGEMENT
. INFORMATION MANAGEMENT
RT COMMUNICATING
COMMUNICATION
DATA BASE MANAGEMENT SYSTEMS
DATA RETRIEVAL
DATA STORAGE
TECHNOLOGY TRANSFER

INFORMATION RETRIEVAL

GS RETRIEVAL
. INFORMATION RETRIEVAL
RT ABSTRACTS
BIBLIOGRAPHIES
COMPUTERS
DATA PROCESSING
DATA RETRIEVAL
DOCUMENTATION
DOCUMENTS
INDEXES (DOCUMENTATION)

INFORMATION RETRIEVAL-(*CONT.*)

INTERSERVICE DATA EXCHANGE
PROGRAM
LIBRARIES
MANAGEMENT INFORMATION SYSTEMS
ON-LINE SYSTEMS
SEARCH PROFILES
SELECTIVE DISSEMINATION OF
INFORMATION
SPACE GLOSSARIES
STARSITE PROGRAM
SUBJECTS
THESAURI

INFORMATION SYSTEMS

GS INFORMATION SYSTEMS
. ATMOSPHERIC & OCEANOGRAPHIC
INFORM SYS
. EARTH RESOURCES INFORMATION
SYSTEM
. INFORMATION ADAPTIVE SYSTEM
. MANAGEMENT INFORMATION
SYSTEMS
RT LIBRARIES
MANAGEMENT SYSTEMS
ON-LINE SYSTEMS
SELECTIVE DISSEMINATION OF
INFORMATION
∞ SYSTEMS
SYSTEMS MANAGEMENT

INFORMATION THEORY

UF SHANNON INFORMATION THEORY
RT ∞ APPLICATIONS OF MATHEMATICS
AUTOMATA THEORY
∞ AUTOMATION
BCH CODES
CODING
COMBINATORIAL ANALYSIS
COMMUNICATION THEORY
COMPUTERS
CORRECTION
CORRELATION
CRYPTOGRAPHY
CYBERNETICS
DATA PROCESSING
DATA TRANSMISSION
DECISION THEORY
ERGODIC PROCESS
ERROR DETECTION CODES
FOURIER ANALYSIS
GAME THEORY
∞ LOGIC
MACHINE TRANSLATION
MANAGEMENT INFORMATION SYSTEMS
∞ MATHEMATICS
MAXIMUM ENTROPY METHOD
MESSAGES
∞ NOISE
OPERATIONS RESEARCH
PARITY
PETRI NETS
PHASE SHIFT KEYING
PROBABILITY THEORY
QUANTUM AMPLIFIERS
RANDOM PROCESSES
REDUNDANCY
SHANNON-WIENER MEASURE
STATISTICAL ANALYSIS
∞ STATISTICS
STOCHASTIC PROCESSES
SYSTEMS ENGINEERING
TELECOMMUNICATION
TERMS
∞ THEORIES

INFORMATION TRANSFER

USE COMMUNICATING

INFORMATION TRANSMISSION

USE DATA TRANSMISSION

INFRARED ABSORPTION

GS ELECTROMAGNETIC PROPERTIES
. ELECTROMAGNETIC ABSORPTION
. INFRARED ABSORPTION
ENERGY ABSORPTION
. ELECTROMAGNETIC ABSORPTION
. INFRARED ABSORPTION
RADIATION ABSORPTION
. ELECTROMAGNETIC ABSORPTION
. INFRARED ABSORPTION
RT ATMOSPHERIC ATTENUATION
ATMOSPHERIC OPTICS
INFRARED RADIATION

NASA THESAURUS (VOLUME 1)

INFRARED ABSORPTION-(*CONT.*)

LIGHT SCATTERING
OPTICAL PROPERTIES
THERMAL EMISSION
TRANSMITTANCE
WAVE ATTENUATION

INFRARED ASTRONOMY

GS ASTRONOMY
. INFRARED ASTRONOMY
RT ASTRONOMICAL PHOTOGRAPHY
INFRARED ASTRONOMY SATELLITE

INFRARED ASTRONOMY SATELLITE

UF IRAS
GS SATELLITES
. ARTIFICIAL SATELLITES
. INFRARED ASTRONOMY SATELLITE
. EARTH SATELLITES
. INFRARED ASTRONOMY SATELLITE
RT GEOSYNCHRONOUS ORBITS
INFRARED ASTRONOMY

INFRARED DETECTORS

GS MEASURING INSTRUMENTS
. RADIATION MEASURING INSTRUMENTS
. ACTINOMETERS
. RADIOMETERS
. INFRARED DETECTORS
. INFRARED INSTRUMENTS
. INFRARED DETECTORS
. FLIR DETECTORS
RT BOLOMETERS
∞ DETECTORS
ELECTROMAGNETIC MEASUREMENT
FOREST FIRE DETECTION
MERCURY CADMIUM TELLURIDES

INFRARED FILTERS

GS ELECTROMAGNETIC WAVE FILTERS
. OPTICAL FILTERS
. INFRARED FILTERS
RT ELECTRIC FILTERS
ULTRAVIOLET FILTERS

INFRARED HORIZON SCANNERS

USE HORIZON SCANNERS
INFRARED SCANNERS

INFRARED IMAGERY

GS IMAGERY
. INFRARED IMAGERY
PHOTOGRAPHY
. INFRARED IMAGERY
RT COLOR INFRARED PHOTOGRAPHY
LUNAR EQUATOR
X RAY IMAGERY

INFRARED INSPECTION

GS INSPECTION
. INFRARED INSPECTION
RT QUALITY CONTROL

INFRARED INSTRUMENTS

GS MEASURING INSTRUMENTS
. RADIATION MEASURING INSTRUMENTS
. INFRARED INSTRUMENTS
. INFRARED DETECTORS
. FLIR DETECTORS
. INFRARED SCANNERS
. INFRARED SPECTROMETERS
. INFRARED SPECTROPHOTOMETERS
RT FOREST FIRE DETECTION

INFRARED INTERFEROMETERS

GS MEASURING INSTRUMENTS
. INTERFEROMETERS
. INFRARED INTERFEROMETERS
RT INTERFEROMETRY
OPTICAL EQUIPMENT
OPTICAL MEASUREMENT
OPTICAL MEASURING INSTRUMENTS

INFRARED LASERS

UF INFRARED MASERS
IRASERS
GS STIMULATED EMISSION DEVICES
LASERS
. INFRARED LASERS
RT ARGON LASERS
CARBON DIOXIDE LASERS
CARBON LASERS
CARBON MONOXIDE LASERS
CHEMICAL LASERS

INFRARED LASERS-(CONT.)

DYE LASERS
GAS LASERS
HF LASERS
LIQUID LASERS
ORGANIC LASERS
SOLID STATE LASERS
WAVEGUIDE LASERS

INFRARED MASERS

USE INFRARED LASERS

INFRARED PHOTOGRAPHY

GS IMAGERY
. INFRARED PHOTOGRAPHY
. . . COLOR INFRARED PHOTOGRAPHY
PHOTOGRAPHY
. . . MULTISPECTRAL PHOTOGRAPHY
. . . INFRARED PHOTOGRAPHY
. COLOR INFRARED PHOTOGRAPHY
RT AERIAL PHOTOGRAPHY
ASTRONOMICAL PHOTOGRAPHY
BLACK AND WHITE PHOTOGRAPHY
CINEMATOGRAPHY
FAINT OBJECT CAMERA
FOREST FIRE DETECTION
ICE MAPPING
LUNAR PHOTOGRAPHY
METEOROLOGICAL SATELLITES
METEOSAT SATELLITE
MULTISPECTRAL BAND CAMERAS
NIMBUS SATELLITES
RADIOMETERS
SATELLITE-BORNE PHOTOGRAPHY
TIMBER INVENTORY
ULTRAVIOLET PHOTOGRAPHY

INFRARED RADAR

GS RADAR
. INFRARED RADAR
RT FLIR DETECTORS
RADAR IMAGERY

INFRARED RADIATION

GS ELECTROMAGNETIC RADIATION
. INFRARED RADIATION
. . . FAR INFRARED RADIATION
. . . NEAR INFRARED RADIATION
RT BEAMS (RADIATION)
BLACK BODY RADIATION
COHERENT ELECTROMAGNETIC
RADIATION
ENERGY ABSORPTION
EVAPOGRAPHY
EXHAUST EMISSION
HEAT
INFRARED ABSORPTION
LIGHT (VISIBLE RADIATION)
MICROWAVES
MONOCHROMATIC RADIATION
PLANETARY RADIATION
POLARIZED ELECTROMAGNETIC
RADIATION
SEYFERT GALAXIES
SOLAR RADIATION
SUNLIGHT
TERRESTRIAL RADIATION
THERMAL RADIATION
WAVELENGTHS
XENON LAMPS

INFRARED RADIOMETERS

GS MONITORS
. INFRARED RADIOMETERS
RT AERIAL RECONNAISSANCE
DATA ACQUISITION
EARTH RESOURCES PROGRAM
ENVIRONMENTAL MONITORING
FOREST FIRE DETECTION
PRESSURE MODULATOR RADIOMETERS
RADIOMETRIC CORRECTION
SATELLITE-BORNE INSTRUMENTS
THERMAL MAPPING
VISIBLE INFRARED SPIN SCAN
RADIOMETER

INFRARED REFLECTION

GS REFLECTION
. INFRARED REFLECTION
RT OPTICAL REFLECTION
RADIATIVE HEAT TRANSFER
RADIO ECHOES
SPREAD REFLECTION
ULTRAVIOLET REFLECTION

INFRARED SCANNERS

UF INFRARED HORIZON SCANNERS
GS MEASURING INSTRUMENTS
. RADIATION MEASURING INSTRUMENTS
. . . ACTINOMETERS
. . . RADIOMETERS
. INFRARED SCANNERS
. . . INFRARED INSTRUMENTS
. INFRARED SCANNERS
SCANNERS
. INFRARED SCANNERS
RT FOREST FIRE DETECTION
HORIZON SCANNERS
MULTISPECTRAL BAND SCANNERS
OPTICAL EQUIPMENT
SCANNER PROJECT
THERMAL MAPPING

INFRARED SPECTRA

GS SPECTRA
. RADIATION SPECTRA
. . . ELECTROMAGNETIC SPECTRA
. INFRARED SPECTRA
RT ∞ ABSORPTION
EMISSION SPECTRA
LINE SPECTRA
MICROWAVE SPECTRA
MOLECULAR SPECTRA
SOLAR SPECTRA
STELLAR SPECTRA

INFRARED SPECTROMETERS

GS MEASURING INSTRUMENTS
. OPTICAL MEASURING INSTRUMENTS
. . . INFRARED SPECTROMETERS
. FILTER WHEEL INFRARED
SPECTROMETERS
. RADIATION MEASURING INSTRUMENTS
. . . ACTINOMETERS
. INFRARED SPECTROMETERS
. . . INFRARED INSTRUMENTS
. INFRARED SPECTROMETERS
. SPECTROMETERS
. . . INFRARED SPECTROMETERS
. FILTER WHEEL INFRARED
SPECTROMETERS
OPTICAL EQUIPMENT
. OPTICAL MEASURING INSTRUMENTS
. . . INFRARED SPECTROMETERS
. FILTER WHEEL INFRARED
SPECTROMETERS
RT EBERT SPECTROMETERS
SOLAR SPECTROMETERS

INFRARED SPECTROPHOTOMETERS

GS MEASURING INSTRUMENTS
. OPTICAL MEASURING INSTRUMENTS
. . . SPECTROPHOTOMETERS
. INFRARED SPECTROPHOTOMETERS
. RADIATION MEASURING INSTRUMENTS
. . . ACTINOMETERS
. SPECTROPHOTOMETERS
. INFRARED
SPECTROPHOTOMETERS
. INFRARED INSTRUMENTS
. . . INFRARED SPECTROPHOTOMETERS
OPTICAL EQUIPMENT
. OPTICAL MEASURING INSTRUMENTS
. . . SPECTROPHOTOMETERS
. INFRARED SPECTROPHOTOMETERS
RT CHEMICAL ANALYSIS
FILTER WHEEL INFRARED
SPECTROMETERS
PHOTOMETERS

INFRARED SPECTROSCOPY

GS SPECTROSCOPY
. INFRARED SPECTROSCOPY
RT ABSORPTION SPECTROSCOPY
ASTRONOMICAL SPECTROSCOPY
CHEMICAL ANALYSIS
ELECTRON SPECTROSCOPY
LASER SPECTROMETERS
MOLECULAR SPECTROSCOPY
MOLECULAR STRUCTURE
OPTOGALVANIC SPECTROSCOPY
RAMAN SPECTROSCOPY
SPECTROMETERS
SPECTROSCOPIC ANALYSIS
VACUUM SPECTROSCOPY

INFRARED STARS

GS CELESTIAL BODIES
. STARS
. . . INFRARED STARS

INFRARED STARS-(CONT.)

RT HERBIG-HARO OBJECTS

INFRARED SUPPRESSION

RT AFTERBURNING
AIRCRAFT DETECTION
AIRCRAFT ENGINES
COOLING SYSTEMS
EXHAUST GASES
EXHAUST NOZZLES
HEAT SHIELDING
JET ENGINES
JET EXHAUST
REACTION PRODUCTS
SUPPRESSORS
TEMPERATURE CONTROL

INFRARED TELESCOPES

GS TELESCOPES
. ASTRONOMICAL TELESCOPES
. . . INFRARED TELESCOPES
RT ASTRONOMY

INFRARED TRACKING

GS TRACKING (POSITION)
. INFRARED TRACKING
RT ANTIMISSILE MISSILES
COMPENSATORY TRACKING
HOMING DEVICES
MISSILE TRACKING
OPTICAL TRACKING
PURSUIT TRACKING
RADIOMETERS

INFRARED WINDOWS

RT APERTURES
LASERS
∞ WINDOWS

INFRASONIC FREQUENCIES

GS FREQUENCIES
. INFRASONIC FREQUENCIES
RT ACOUSTICS

∞ INGESTION

SN *(USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW.)*
RT INGESTION (BIOLOGY)
INGESTION (ENGINES)

INGESTION (BIOLOGY)

GS INGESTION (BIOLOGY)
. DRINKING
. EATING
. GRAZING
RT ∞ INGESTION
SWALLOWING

INGESTION (ENGINES)

RT ENGINE FAILURE
∞ INGESTION

INGOTS

GS CASTINGS
. INGOTS
RT BILLETS
CASTING
MOLDS
SOLIDIFICATION

INGREDIENTS

RT ADMIXTURES
∞ COMPONENTS
∞ COMPOSITION
CONTENT
FORMULATIONS
MIXTURES

INGRESS (SPACECRAFT PASSAGEWAY)

RT AIR LOCKS
DOORS
EGRESS
HATCHES
OPENINGS

INHABITANTS

GS COMMUNITIES
. INHABITANTS
. . . MOUNTAIN INHABITANTS
RT ABORIGINES
CITIES
DEMOGRAPHY
PERSONNEL

INHALATION

INHABITANTS-(CONT.)

RESIDENTIAL AREAS

INHALATION

USE RESPIRATION

∞INHIBITION

SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED-CONSULT THE TERMS LISTED BELOW)*

RT ATTENUATION
CORROSION PREVENTION
DETACHMENT
DITHERS
FRUSTRATION
HANDICAPS
INHIBITION (PSYCHOLOGY)
INHIBITORS
INTROVERSION
LETHARGY
PASSIVITY
PREVENTION
∞REDUCTION
STOPPING

INHIBITION (PSYCHOLOGY)

RT CONDITIONING (LEARNING)
∞INHIBITION

INHIBITORS

GS INHIBITORS
WEAR INHIBITORS
RT ADDITIVES
ANTIDOTES
ANTIFOULING
ANTIAGING ADDITIVES
ANTIOXIDANTS
CASE BONDED PROPELLANTS
CATALYSTS
COATINGS
CORROSION PREVENTION
∞INHIBITION
NEUTRALIZERS
PACKAGING
PASSIVITY
PROPELLANT ADDITIVES
PROPELLANT DECOMPOSITION
PROPELLANT STORABILITY
RETARDANTS
SILENCERS
SOLID PROPELLANT IGNITION
SOLID PROPELLANTS
SUPPRESSORS

INHOMOGENEITY

UF NONHOMOGENEITY
RT DEFECTS
HETEROGENEITY
NONUNIFORMITY

INHOOR EQUATION

RT ∞EQUATIONS
NUCLEAR REACTIONS
NUCLEAR REACTORS
REACTIVITY
REACTOR PHYSICS

INITIAL VALUE PROBLEMS

USE BOUNDARY VALUE PROBLEMS

INITIATION

RT ACTIVATION
ACTUATION
DETONATION
∞GENERATION
∞INDUCTION
INOCULATION
NUCLEATION
∞PRIMING
REACTOR STARTUP TESTS
STARTING
STIMULATION

∞INITIATORS

SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED-CONSULT THE TERMS LISTED BELOW)*

RT CATALYSTS
INITIATORS (EXPLOSIVES)
STYPHNATES

INITIATORS (EXPLOSIVES)

UF ELECTROEXPLOSIVE DEVICES
GS EXPLOSIVE DEVICES

INITIATORS (EXPLOSIVES)-(CONT.)

INITIATORS (EXPLOSIVES)
BOOSTERS (EXPLOSIVES)
CAPS (EXPLOSIVES)
DETONATORS
EXPLODING WIRES
PRIMERS (EXPLOSIVES)

IGNITERS

INITIATORS (EXPLOSIVES)
BOOSTERS (EXPLOSIVES)
CAPS (EXPLOSIVES)
DETONATORS
PRIMERS (EXPLOSIVES)

RT FUSES (ORDNANCE)

∞INITIATORS
PYROTECHNICS
STYPHNATES

INJECTION

GS

INJECTION

CARRIER INJECTION
FLUID INJECTION
GAS INJECTION
LIQUID INJECTION
DEEP WELL INJECTION (WASTES)
WATER INJECTION
FUEL INJECTION
ION INJECTION
SECONDARY INJECTION
TRANSEARTH INJECTION
TRANSLUNAR INJECTION
RT BARRITT DIODES
BLOWING
BOUNDARY LAYER SEPARATION
∞CHARGING
FEEDING (SUPPLYING)
FILLING
FLUID FLOW
IMPLANTATION
INJECTORS
INPUT
PERFORATING
SUPPLYING

INJECTION CARBURETORS

USE CARBURETORS
FUEL INJECTION

INJECTION GUIDANCE

GS

GUIDANCE (MOTION)
INJECTION GUIDANCE
RT ASCENT TRAJECTORIES
CELESTIAL NAVIGATION
COMMAND GUIDANCE
INERTIAL GUIDANCE
MIDCOURSE GUIDANCE
RENDEZVOUS GUIDANCE
SATELLITE GUIDANCE
SPACECRAFT GUIDANCE
TRANSEARTH INJECTION
TRANSLUNAR INJECTION

INJECTION LASERS

GS STIMULATED EMISSION DEVICES
LASERS
INJECTION LASERS
RT GALLIUM ARSENIDE LASERS
GALLIUM ARSENIDES
SEMICONDUCTOR LASERS

INJECTION MOLDING

GS

FORMING TECHNIQUES
INJECTION MOLDING
RT CERAMICS
DIES
EXTRUDING
MELTING
MOLDING MATERIALS
MOLDS
PLASTICS

INJECTORS

GS

INJECTORS

VORTEX INJECTORS
RT BLOWERS
CARBURETORS
EJECTORS
FEEDERS
FUEL INJECTION
FUEL SYSTEMS
INJECTION
JET FLOW
JET MIXING FLOW
∞JET NOZZLES
∞JETS

INJECTORS-(CONT.)

NOZZLE FLOW
∞NOZZLES
ORIFICES
PUMPS
SPRAY NOZZLES

INJUN EXPLORER

USE EXPLORER 25 SATELLITE

INJUN SATELLITES

GS

SATELLITES
ARTIFICIAL SATELLITES
INJUN SATELLITES
EXPLORER 25 SATELLITE
INJUN 1 SATELLITE
INJUN 2 SATELLITE
INJUN 3 SATELLITE
INJUN 4 SATELLITE
EARTH SATELLITES
INJUN SATELLITES
EXPLORER 25 SATELLITE
INJUN 1 SATELLITE
INJUN 2 SATELLITE
INJUN 3 SATELLITE
INJUN 4 SATELLITE

INJUN 1 SATELLITE

GS

SATELLITES
ARTIFICIAL SATELLITES
INJUN SATELLITES
INJUN 1 SATELLITE
EARTH SATELLITES
INJUN SATELLITES
INJUN 1 SATELLITE

INJUN 2 SATELLITE

GS

SATELLITES
ARTIFICIAL SATELLITES
INJUN SATELLITES
INJUN 2 SATELLITE
EARTH SATELLITES
INJUN SATELLITES
INJUN 2 SATELLITE
THOR ABLE ROCKET VEHICLE

INJUN 3 SATELLITE

GS

SATELLITES
ARTIFICIAL SATELLITES
INJUN SATELLITES
INJUN 3 SATELLITE
EARTH SATELLITES
INJUN SATELLITES
INJUN 3 SATELLITE

INJUN 4 SATELLITE

GS

SATELLITES
ARTIFICIAL SATELLITES
INJUN SATELLITES
INJUN 4 SATELLITE
EARTH SATELLITES
INJUN SATELLITES
INJUN 4 SATELLITE

INJUN 5 SATELLITE

USE

EXPLORER 40 SATELLITE

INJURIES

GS

INJURIES
BACK INJURIES
BAROTRAUMA
BRAIN DAMAGE
BURNS (INJURIES)
CRASH INJURIES
EJECTION INJURIES
FROSTBITE
LESIONS
PULMONARY LESIONS
NOISE INJURIES
PARACHUTING INJURY
PARALYSIS
RADIATION INJURIES
WHIPLASH INJURIES
RT ACCIDENTS
BLISTERS
CHEMICAL DEFENSE
DAMAGE
DEATH
DIAGNOSIS
FOREIGN BODIES
HAZARDS
HEMORRHAGES
IMPAIRMENT
SABOTAGE
VETERINARY MEDICINE

INJURIES-(CONT.)

WOUND HEALING

INKS

RT DRAWINGS
GRAPHIC ARTS
PIGMENTS
PRINTING

INLAND WATERS

GS WATER
. INLAND WATERS
. . GROUND WATER
RT GREAT LAKES (NORTH AMERICA)
GREAT SALT LAKE (UT)
LAKES
RIVERS
SPRINGS (WATER)
WATER POLLUTION
WATER RESOURCES
WATER RUNOFF

INLET AIRFRAME CONFIGURATIONS

GS INTAKE SYSTEMS
. AIR INTAKES
. . INLET AIRFRAME CONFIGURATIONS
RT BYPASS RATIO
ENGINE INTAKES
FLOW GEOMETRY
HYPERSONIC INTAKES
INLET FLOW
INLET NOZZLES
NOSE INTAKES
SIDE INTAKES
SUPERSONIC INTAKES

INLET FLOW

GS FLUID FLOW
. INLET FLOW
RT BYPASS RATIO
∞ DIFFUSERS
FLOW GEOMETRY
FLUID INJECTION
HEAD FLOW
INLET AIRFRAME CONFIGURATIONS
INTAKE SYSTEMS
∞ PRESSURE DROP
SUPERSONIC INTAKES
VORTEX GENERATORS

INLET NOZZLES

RT AIR INTAKES
ANNULAR NOZZLES
BYPASS RATIO
CONICAL NOZZLES
∞ DIFFUSERS
ENGINE INTAKES
EXHAUST NOZZLES
INLET AIRFRAME CONFIGURATIONS
INTAKE SYSTEMS
INTERNAL COMPRESSION INTAKES
∞ NOZZLES
OPENINGS
PIPE NOZZLES

INLET PRESSURE

GS PRESSURE
. INLET PRESSURE
RT PRESSURE GRADIENTS
PRESSURE RECOVERY
STAGNATION PRESSURE
WATER PRESSURE

INLET TEMPERATURE

GS TEMPERATURE
. INLET TEMPERATURE
RT AIR INTAKES
ENGINE INTAKES
FUEL SYSTEMS
GAS TEMPERATURE
INTAKE SYSTEMS

INLETS (DEVICES)

USE INTAKE SYSTEMS

INLETS (TOPOGRAPHY)

GS LANDFORMS
. INLETS (TOPOGRAPHY)
. . BAYOUS
. . COOK INLET (AK)
RT BAYS (TOPOGRAPHIC FEATURES)
DELAWARE BAY (US)
FIORDS
GULFS

INLETS (TOPOGRAPHY)-(CONT.)

LAGOONS
PERSIAN GULF
SAGINAW BAY (MI)
SOUNDS (TOPOGRAPHIC FEATURES)

INLIERS (LANDFORMS)

GS LANDFORMS
. INLIERS (LANDFORMS)
RT EROSION
GEOLOGICAL FAULTS
GEOLOGY
PETROGRAPHY
PETROLOGY
ROCK INTRUSIONS
ROCKS
STRUCTURAL PROPERTIES (GEOLOGY)

INNER RADIATION BELT

GS EARTH ATMOSPHERE
. RADIATION BELTS
. . INNER RADIATION BELT
ENVIRONMENTS
. INNER RADIATION BELT
PARTICLES
. CHARGED PARTICLES
. . MAGNETICALLY TRAPPED PARTICLES
. . RADIATION BELTS
. . . INNER RADIATION BELT
. . TRAPPED PARTICLES
. . . MAGNETICALLY TRAPPED PARTICLES
. . RADIATION BELTS
. . . INNER RADIATION BELT
RT ARTIFICIAL RADIATION BELTS
OUTER RADIATION BELT
PROTON BELTS

INOCULATION

UF SEEDING (INOCULATION)
RT CRYSTAL GROWTH
CRYSTALLIZATION
IMMUNITY
INITIATION
NUCLEATION
VACCINES

INOCULUM

GS SERUMS
. INOCULUM
VACCINES
. INOCULUM
RT ANTIBODIES
ANTIGENS
PHYSIOLOGICAL DEFENSES

INORGANIC CHEMISTRY

RT ANALYTICAL CHEMISTRY
∞ CHEMISTRY

INORGANIC COATINGS

GS COATINGS
. INORGANIC COATINGS
. . ANODIC COATINGS
. . CERAMIC COATINGS
RT ANTIRADAR COATINGS
PROTECTIVE COATINGS

INORGANIC COMPOUNDS

GS INORGANIC COMPOUNDS
. AMMONIA
. . LIQUID AMMONIA
RT ACIDS
∞ BASES
∞ CHEMICAL COMPOUNDS
FLAME RETARDANTS
INTERMETALLICS
MOLTEN SALTS
∞ SALTS

∞ INORGANIC MATERIALS

SN (USE OF A MORE SPECIFIC TERM IS
RECOMMENDED CONSULT THE TERMS
LISTED BELOW)

RT ∞ MATERIALS
NONFLAMMABLE MATERIALS
REFRACTORY MATERIALS
THERMOCHROMATIC MATERIALS
VITREOUS MATERIALS

INORGANIC NITRATES

GS NITROGEN COMPOUNDS
. NITRATES
. . INORGANIC NITRATES
. . . AMMONIUM NITRATES

INORGANIC NITRATES-(CONT.)

. . . HYDRAZINE NITRATE
. . . POTASSIUM NITRATES
. . . SILVER NITRATES
. . . SODIUM NITRATES

INORGANIC PEROXIDES

UF SUPEROXIDES
GS CHALCOGENIDES
. OXIDES
. . ANHYDRIDES
. . PEROXIDES
. . . INORGANIC PEROXIDES
RT ORGANIC PEROXIDES

INORGANIC SULFIDES

GS CHALCOGENIDES
. SULFIDES
. . INORGANIC SULFIDES
. . . BARIUM SULFIDES
. . . BISMUTH SULFIDES
. . . CADMIUM SULFIDES
. . . CALCIUM SULFIDES
. . . COPPER SULFIDES
. . . ENARGITE
. . . HYDROGEN SULFIDE
. . . INDIUM SULFIDES
. . . LEAD SULFIDES
. . . MOLYBDENUM SULFIDES
. . . MOLYBDENUM DISULFIDES
. . . POLYSULFIDES
. . . STRONTIUM SULFIDES
. . . ZINC SULFIDES
. . . WURTZITE
. . . ZINCBLENDE
SULFUR COMPOUNDS
. SULFIDES
. . INORGANIC SULFIDES
. . . BARIUM SULFIDES
. . . BISMUTH SULFIDES
. . . CADMIUM SULFIDES
. . . CALCIUM SULFIDES
. . . COPPER SULFIDES
. . . ENARGITE
. . . HYDROGEN SULFIDE
. . . INDIUM SULFIDES
. . . LEAD SULFIDES
. . . MOLYBDENUM SULFIDES
. . . MOLYBDENUM DISULFIDES
. . . POLYSULFIDES
. . . STRONTIUM SULFIDES
. . . ZINC SULFIDES
. . . WURTZITE
. . . ZINCBLENDE

INOSITOLS

GS ALIPHATIC COMPOUNDS
. SUGARS
. . INOSITOLS
CARBOHYDRATES
. SUGARS
. . INOSITOLS

INPUT

RT ACCUMULATIONS
COLLECTION
FEEDING (SUPPLYING)
FILLING
INJECTION
∞ LOADING
OUTPUT
READING
REPLENISHMENT
SUPPLYING

INPUT/OUTPUT ROUTINES

GS COMPUTER PROGRAMS
. COMPUTER SYSTEMS PROGRAMS
. . INPUT/OUTPUT ROUTINES
RT OPERATING SYSTEMS (COMPUTERS)
RANDOM ACCESS
∞ ROUTINES

INSECT DAMAGE

USE INFESTATION

INSECTICIDES

GS POISONS
. PESTICIDES
. . INSECTICIDES
. . . DIELDRIN
RT ENDRIN
ENTOMOLOGY
TOXICOLOGY

INSECTS

INSECTS

GS ANIMALS
 . INVERTEBRATES
 . . ARTHROPODS
 . . . INSECTS
 BEES
 BOLL WEEVILS
 CHIRONOMUS FLIES
 COCKROACHES
 COLEOPTERA
 CRICKETS
 BEETLES
 TRIBOLIA
 DROSOPHILA
 FIREFLIES
 GRASSHOPPERS
 LARVAE
 BOLLWORMS
 SILKWORMS
 LOCUSTS
 MOTHS
 SILKWORMS
 RT ENTOMOLOGY
 INFESTATION
 PUPA

INSENSITIVITY

USE SENSITIVITY

INSERTION

RT COLLATING
 EMBEDDING
 GRAFTING
 IMPLANTATION
 IMPREGNATING
 INSERTS
 NETWORK ANALYSIS
 TRANSMISSION LOSS

INSERTION LOSS

RT ENERGY DISSIPATION
 LOSSES
 TRANSMISSION LOSS

INSERTS

GS INSERTS
 . NOZZLE INSERTS
 RT ACCESSORIES
 BUSHINGS
 FASTENERS
 FITTINGS
 INSERTION
 LININGS
 SPACERS
 SPOOLS
 WASHERS (SPACERS)

INSHORE ZONES

USE BEACHES

INSOLATION

RT GREENHOUSE EFFECT
 METEOROLOGY
 SOLAR HEATING
 SOLAR RADIATION
 SUNLIGHT

INSOMNIA

GS SLEEP
 . INSOMNIA
 RT SLEEP DEPRIVATION

INSPECTION

GS INSPECTION
 . INFRARED INSPECTION
 . X RAY INSPECTION
 RT ACCEPTABILITY
 CHECKOUT
 CHEMICAL TESTS
 CONSTRUCTION
 DETECTION
 ENDOSCOPES
 EVALUATION
 EXAMINATION
 IDENTIFYING
 NONDESTRUCTIVE TESTS
 PERFORMANCE TESTS
 QUALITY CONTROL
 SAMPLING
 SPECIFICATIONS
 STANDARDS
 STATIC TESTS
 STATISTICAL ANALYSIS
 SURVEILLANCE
 TOLERANCES (MECHANICS)

INSPECTION (CONT.)

ULTRASONIC FLAW DETECTION

INSPECTOR SATELLITE

GS MILITARY SPACECRAFT
 . INSPECTOR SATELLITE
 SATELLITES
 . ARTIFICIAL SATELLITES
 . . INSPECTOR SATELLITE
 . EARTH SATELLITES
 . . INSPECTOR SATELLITE

INSPIRATION

RT INTELLECT
 MENTAL PERFORMANCE
 PSYCHOLOGY

INSTABILITY

USE STABILITY

INSTALLATION

USE INSTALLING

INSTALLATION MANUALS

GS DOCUMENTS
 . MANUALS
 . . INSTALLATION MANUALS

INSTALLING

UF INSTALLATION
 RT ASSEMBLING
 CONSTRUCTION
 LOOK ANGLES (ELECTRONICS)
 MAINTENANCE
 RELOCATION
 REPLACING
 RETROFITTING

INSTANTONS

GS FIELD THEORY (PHYSICS)
 . QUANTUM CHROMODYNAMICS
 . . INSTANTONS
 RT ELEMENTARY PARTICLES
 PLASMA PHYSICS
 QUARKS

INSTITUTIONS

GS INSTITUTIONS
 . BUREAUS (ORGANIZATIONS)
 RT FEDERATIONS
 TEAMS

INSTRUCTION SETS (COMPUTERS)

RT ALPHANUMERIC CHARACTERS
 BOOLEAN ALGEBRA
 COMPUTER PROGRAMS
 MATHEMATICAL LOGIC

INSTRUCTIONS

USE EDUCATION

INSTRUCTORS

GS PERSONNEL
 . INSTRUCTORS
 RT EDUCATION
 LEARNING
 SCHOOLS
 STUDENTS
 TRAINING EVALUATION
 UNIVERSITIES

INSTRUMENT APPROACH

GS APPROACH
 . INSTRUMENT APPROACH
 RT AIRCRAFT APPROACH SPACING
 AIRCRAFT INSTRUMENTS
 APPROACH CONTROL
 APPROACH INDICATORS
 BLIND LANDING
 FLIGHT CONTROL
 FLIGHT INSTRUMENTS
 GLIDE PATHS
 LANDING AIDS
 LANDING RADAR
 NIGHT FLIGHTS (AIRCRAFT)

INSTRUMENT COMPENSATION

GS INSTRUMENT COMPENSATION
 . TEMPERATURE COMPENSATION
 RT ADAPTIVE OPTICS
 CALIBRATING
 ∞ COMPENSATION
 ERROR CORRECTING DEVICES

NASA THESAURUS (VOLUME 1)

INSTRUMENT DRIFT

USE DRIFT (INSTRUMENTATION)

INSTRUMENT ERRORS

GS ERRORS
 . INSTRUMENT ERRORS
 RT BIAS
 BORESIGHT ERROR
 CALIBRATING
 DRIFT (INSTRUMENTATION)
 LINEARITY
 OPTICAL CORRECTION PROCEDURE
 SPECTRAL SENSITIVITY

INSTRUMENT FLIGHT RULES

UF IFR (RULES)
 GS RULES
 . FLIGHT RULES
 . . INSTRUMENT FLIGHT RULES
 RT AIR NAVIGATION
 AIR TRAFFIC CONTROL
 APPROACH CONTROL
 BEACONS
 BLIND LANDING
 FLIGHT CONDITIONS
 FLIGHT INSTRUMENTS
 FLIGHT PLANS
 LANDING
 LOW VISIBILITY

INSTRUMENT LANDING SYSTEMS

UF ILS (LANDING SYSTEMS)
 GS LANDING AIDS
 . INSTRUMENT LANDING SYSTEMS
 . . ALL-WEATHER LANDING SYSTEMS
 . . AUTOMATIC LANDING CONTROL
 RT AIR TRAFFIC CONTROL
 AIRCRAFT GUIDANCE
 AIRCRAFT INSTRUMENTS
 AIRCRAFT LANDING
 AIRPORTS
 APPROACH CONTROL
 APPROACH INDICATORS
 BLIND LANDING
 DISPLAY DEVICES
 FLIGHT CONTROL
 FLIGHT INSTRUMENTS
 GLIDE PATHS
 GROUND BASED CONTROL
 ∞ INSTRUMENTS
 LANDING
 LANDING INSTRUMENTS
 NIGHT FLIGHTS (AIRCRAFT)
 RADAR
 RADAR APPROACH CONTROL
 RADIO ALTIMETERS
 RADIO BEACONS
 ∞ SYSTEMS
 TRACKING (POSITION)

INSTRUMENT ORIENTATION

RT ALIGNMENT
 ATTITUDE (INCLINATION)
 BEARING (DIRECTION)
 DIRECTIVITY
 LOOK ANGLES (ELECTRONICS)
 ∞ ORIENTATION
 POSITIONING

INSTRUMENT PACKAGES

GS PACKAGES
 . INSTRUMENT PACKAGES
 . . EASEP
 . . EREP
 RT AMPS (SATELLITE PAYLOAD)
 AUTOMATIC WEATHER STATIONS
 DATA COLLECTION PLATFORMS
 LOCAL SCIENTIFIC SURVEY MODULE
 MODULES
 MOLECULAR SHIELDS
 OCEAN DATA ACQUISITIONS SYSTEMS
 ORBITING FROG OTOLITH
 PAYLOAD ASSIST MODULE
 PAYLOADS
 SATELLITE-BORNE INSTRUMENTS
 SIM
 SPACECRAFT INSTRUMENTS
 WEATHER STATIONS

INSTRUMENT RECEIVERS

RT CONTROLLERS
 ∞ DETECTORS
 DISPLAY DEVICES
 INDICATING INSTRUMENTS
 ∞ INSTRUMENTS

INSTRUMENT RECEIVERS-(CONT.)

ISOTROPIC TURBULENCE
MEASURING INSTRUMENTS
RECEIVERS
RECORDING INSTRUMENTS
TRANSDUCERS

INSTRUMENT TRANSFORMERS

GS TRANSFORMERS
RT ∞ INSTRUMENT TRANSFORMERS
CONVERTERS
RESOLVERS

INSTRUMENT TRANSMITTERS

GS TRANSMITTERS
RT ∞ INSTRUMENT TRANSMITTERS
CONTROLLERS
INSTRUMENTS
MEASURING INSTRUMENTS
RECORDING INSTRUMENTS
TRANSDUCERS

INSTRUMENTAL ANALYSIS

USE ANALYZING
AUTOMATION

INSTRUMENTATION

USE INSTRUMENTS

 ∞ INSTRUMENTS

SN *(USE OF A MORE SPECIFIC TERM IS
RECOMMENDED-CONSULT THE TERMS
LISTED BELOW)*
UF INSTRUMENTATION
RT ACTUATORS
ADVANCED RANGE INSTRUMENTATION
SHIP
AIRCRAFT INSTRUMENTS
APOLLO LUNAR SURFACE EXPERIMENTS
PACKAGE
AUTOMATIC CONTROL
BIOINSTRUMENTATION
BUBBLE TECHNIQUE
CONTROLLERS
DENSIMETERS
DISPLAY DEVICES
DRAG FORCE ANEMOMETERS
EASEP
EREP
FLIGHT INSTRUMENTS
FORCE VECTOR RECORDERS
HAPLOSOPES
HELIOSTATS
HELMET MOUNTED DISPLAYS
INDICATING INSTRUMENTS
INSTRUMENT LANDING SYSTEMS
INSTRUMENT RECEIVERS
INSTRUMENT TRANSMITTERS
LASER ALTIMETERS
MEASURING INSTRUMENTS
METEOROLOGICAL INSTRUMENTS
MICROWAVE SENSORS
MONITORS
NAVIGATION INSTRUMENTS
OCULOMETERS
PACKAGES
PROPELLANT ACTUATED INSTRUMENTS
RECORDING INSTRUMENTS
REMOTE CONTROL
ROCKET-BORNE INSTRUMENTS
SATELLITE INSTRUMENTS
SATELLITE-BORNE INSTRUMENTS
SCATTEROMETERS
SIM
SODAR
SOUND DETECTING AND RANGING
SPACECRAFT INSTRUMENTS
SURGICAL INSTRUMENTS
TRANSDUCERS
TRANSMITTERS
TURBINE INSTRUMENTS
ULTRASONIC DENSIMETERS

 ∞ INSULATED STRUCTURES

SN *(USE OF A MORE SPECIFIC TERM IS
RECOMMENDED-CONSULT THE TERMS
LISTED BELOW)*
RT DIELECTRICS
ELECTRICAL INSULATION
HEAT RADIATORS
HEAT SHIELDING
HYPERSONIC VEHICLES
INSULATION
RADIATION SHIELDING
REENTRY SHIELDING

INSULATED STRUCTURES-(CONT.)

REENTRY VEHICLES
SPACECRAFT SHIELDING

INSULATING MATERIALS

USE INSULATION

INSULATION

SN (MATERIAL)
UF INSULATING MATERIALS
GS **INSULATION**
ELECTRICAL INSULATION
MULTILAYER INSULATION
THERMAL INSULATION
RT ABSORBERS (MATERIALS)
ASBESTOS
CEILINGS (ARCHITECTURE)
COMPOSITE MATERIALS
CONCRETES
 ∞ CONSTRUCTION MATERIALS
DAMPING
HONEYCOMB STRUCTURES
 ∞ INSULATED STRUCTURES
INSULATORS
INTERLAYERS
ISOLATION
ISOLATORS
JACKETS
LINING PROCESSES
LININGS
MICARTA
OXIDES
POTTING COMPOUNDS
PROTECTION
SUPPRESSORS
VERMICULITE
WATERPROOFING

INSULATORS

SN (EXCLUDES THERMAL
INSULATION-LIMITED TO DEVICES
COMPOSED OF ELECTRICALLY
INSULATIVE MATERIALS)
RT ATTENUATORS
DIELECTRICS
ELECTRIC CONDUCTORS
ELECTRICAL INSULATION
INSULATION
TRANSMISSION LINES

INSULIN

GS DRUGS
INSULIN
SECRETIONS
ENDOCRINE SECRETIONS
RT INSULIN
DIABETES MELLITUS

INTAKE SYSTEMS

UF INDUCTION SYSTEMS
INLETS (DEVICES)
GS **INTAKE SYSTEMS**
AIR INTAKES
ENGINE INLETS
HYPERSONIC INLETS
INLET AIRFRAME CONFIGURATIONS
SUPERSONIC INLETS
CONICAL INLETS
HELICAL INDUCERS
INTERNAL COMPRESSION INLETS
NOSE INLETS
SIDE INLETS
RT AERODYNAMIC CONFIGURATIONS
ANNULAR DUCTS
BYPASS RATIO
COOLING SYSTEMS
DUCT GEOMETRY
DUCTED BODIES
DUCTS
ENTRANCES
EXHAUST SYSTEMS
FEED SYSTEMS
FEEDERS
FUEL SYSTEMS
INLET FLOW
INLET NOZZLES
INLET TEMPERATURE
MANIFOLDS
OPENINGS
PIPE NOZZLES
PLENUM CHAMBERS
RAMPS (STRUCTURES)
SCOOPS
 ∞ SYSTEMS
 ∞ WATER INTAKES

INTASAT SATELLITE

GS SATELLITES
ARTIFICIAL SATELLITES
ENVIRONMENTAL RESEARCH
SATELLITES
INTASAT SATELLITE
EARTH SATELLITES
ENVIRONMENTAL RESEARCH
SATELLITES
INTASAT SATELLITE
SCIENTIFIC SATELLITES
ENVIRONMENTAL RESEARCH
SATELLITES
INTASAT SATELLITE
RT IONOSPHERE
LOWER ATMOSPHERE
MAGNETIC FIELDS
TROPOSPHERE

**INTEG MED AND BEHAVIORAL LAB MEASUR
SYSTEM**

USE IMBLMS

INTEG PROGRAM FOR AEROSPACE VEH DESIGN

USE IPAD

INTEGERS

GS NUMBER THEORY
INTEGERS
REAL NUMBERS
INTEGERS
RT ARITHMETIC
COMPLEX NUMBERS
CONGRUENCES
DIGITS
 ∞ NUMBERS

INTEGRAL CALCULUS

GS ANALYSIS (MATHEMATICS)
CALCULUS
INTEGRAL CALCULUS
REAL VARIABLES
MEASURE AND INTEGRATION
INTEGRAL CALCULUS
RT AREA
DIFFERENTIAL CALCULUS
J INTEGRAL
NUMERICAL INTEGRATION
OPERATIONAL CALCULUS

INTEGRAL EQUATIONS

UF INTEGRODIFFERENTIAL EQUATIONS
GS ANALYSIS (MATHEMATICS)
FUNCTIONAL ANALYSIS
INTEGRAL EQUATIONS
FREDHOLM EQUATIONS
J INTEGRAL
SINGULAR INTEGRAL EQUATIONS
VOLTERRA EQUATIONS
WIENER HOPF EQUATIONS
RT CALCULUS OF VARIATIONS
DIFFERENTIAL EQUATIONS
DISTRIBUTED PARAMETER SYSTEMS
 ∞ EQUATIONS
MELLIN TRANSFORMS
METHOD OF MOMENTS
NONLINEAR EQUATIONS
PERCUS METHOD
RANGE (EXTREMES)
SCHMIDT METHOD
TRANSPORT THEORY

INTEGRAL FUNCTIONS

USE ENTIRE FUNCTIONS

INTEGRAL TRANSFORMATIONS

UF TRANSFORM INTEGRALS
GS ANALYSIS (MATHEMATICS)
FUNCTIONAL ANALYSIS
INTEGRAL TRANSFORMATIONS
CONVOLUTION INTEGRALS
FOURIER TRANSFORMATION
HILBERT TRANSFORMATION
LAPLACE TRANSFORMATION
TRANSFORMATIONS (MATHEMATICS)
INTEGRAL TRANSFORMATIONS
FAST FOURIER TRANSFORMATIONS
LAPLACE TRANSFORMATION
RT LIGHTHILL METHOD
OPERATORS (MATHEMATICS)

INTEGRATED CIRCUITS

UF MONOLITHIC CIRCUITS
GS CIRCUITS
INTEGRATED CIRCUITS

INTEGRATED ENERGY SYSTEMS

INTEGRATED CIRCUITS-(CONT.)

.. DTL INTEGRATED CIRCUITS
.. ENCAPSULATED MICROCIRCUITS
.. LINEAR INTEGRATED CIRCUITS
.. TTL INTEGRATED CIRCUITS
.. VHSIC (CIRCUITS)
RT CHARGE FLOW DEVICES
CHIPS (ELECTRONICS)
CHIPS (MEMORY DEVICES)
ELECTRONIC PACKAGING
INTEGRATED OPTICS
ION IMPLANTATION
LATCH-UP
MEDIUM SCALE INTEGRATION
MICROCHANNEL PLATES
MICROMINIATURIZATION
MICROPROCESSORS
MOLECULAR ELECTRONICS
PHOTOMASKS
PRINTED CIRCUITS
THICK FILMS
THIN FILMS
TRANSISTOR CIRCUITS

INTEGRATED ENERGY SYSTEMS

.RT COMMUNITIES
ELECTRIC POWER PLANTS
ENERGY CONVERSION
ENERGY DISTRIBUTION
HEATING
TOTAL ENERGY SYSTEMS
UTILITIES

INTEGRATED GLOBAL OCEAN STATION SYSTEMS

UF IGOS
RT DATA COLLECTION PLATFORMS
GLOBAL ATMOSPHERIC RESEARCH
PROGRAM
GROUND STATIONS
INTERNATIONAL COOPERATION
OCEANOGRAPHIC PARAMETERS
WEATHER STATIONS

INTEGRATED MANEUVERING LIFE SUPPORT SYS

USE IMLSS

INTEGRATED MISSION CONTROL CENTER

UF IMCC (CONTROL CENTER)
GS STATIONS
.. GROUND STATIONS
.. INTEGRATED MISSION CONTROL
CENTER
RT GEMINI PROJECT
GROUND BASED CONTROL
REAL TIME OPERATION

INTEGRATED OPTICS

RT ELECTRO-OPTICS
INTEGRATED CIRCUITS
LENSES
LIGHT TRANSMISSION
MONOMOLECULAR FILMS
OPTICAL WAVEGUIDES
∞ OPTICS
THIN FILMS

INTEGRATION (REAL VARIABLES)

USE MEASURE AND INTEGRATION

INTEGRATORS

GS INTEGRATORS
.. DIGITAL INTEGRATORS
RT CIRCUITS
DIFFERENTIATORS
∞ NETWORKS
SOLIONS

INTEGRITY

GS INTEGRITY
.. COMPUTER PROGRAM INTEGRITY
COMPLETENESS
RT PRIVACY
SECURITY
VULNERABILITY

INTEGRODIFFERENTIAL EQUATIONS

USE DIFFERENTIAL EQUATIONS
INTEGRAL EQUATIONS

INTEL 8080 MICROPROCESSOR

GS DATA PROCESSING EQUIPMENT
.. MICROPROCESSORS
.. INTEL 8080 MICROPROCESSOR
PERIPHERAL EQUIPMENT (COMPUTERS)

INTEL 8080 MICROPROCESSOR-(CONT.)

RT INTEL 8080 MICROPROCESSOR
COMPUTERS

INTELLECT

GS INTELLIGENCE
.. INTELLECT
RT ARTIFICIAL INTELLIGENCE
INSPIRATION
MENTAL PERFORMANCE
PSYCHOLOGY

INTELLIGENCE

GS INTELLIGENCE
.. ARTIFICIAL INTELLIGENCE
.. EXTRATERRESTRIAL INTELLIGENCE
.. INTELLECT
RT DETECTION
MENTAL HEALTH
MENTAL PERFORMANCE
MILITARY TECHNOLOGY
RECONNAISSANCE
SURVEILLANCE

INTELLIGIBILITY

GS INTELLIGIBILITY
.. SPEECH RECOGNITION
RT AMBIGUITY
∞ COHERENCE
COMMUNICATION THEORY
∞ INTERPRETATION
MESSAGES
ORTHOGRAPHY
PHONEMICS
PHONETICS
PSYCHOLINGUISTICS
SCRAMBLING (COMMUNICATION)

INTELSAT SATELLITES

GS SATELLITES
.. ARTIFICIAL SATELLITES
.. COMMUNICATION SATELLITES
.. INTELSAT SATELLITES
.. INTELSAT 1 SATELLITE
.. INTELSAT 2 SATELLITE
.. INTELSAT 3 SATELLITE
.. INTELSAT 4 SATELLITE
.. INTELSAT 5 SATELLITE
.. INTELSAT 5B SATELLITE
.. INTELSAT 5C SATELLITE
.. EARTH SATELLITES
.. COMMUNICATION SATELLITES
.. INTELSAT SATELLITES
.. INTELSAT 1 SATELLITE
.. INTELSAT 2 SATELLITE
.. INTELSAT 3 SATELLITE
.. INTELSAT 4 SATELLITE
.. INTELSAT 5 SATELLITE
.. INTELSAT 5B SATELLITE
.. INTELSAT 5C SATELLITE

INTELSAT 1 SATELLITE

GS SATELLITES
.. ARTIFICIAL SATELLITES
.. COMMUNICATION SATELLITES
.. INTELSAT SATELLITES
.. INTELSAT 1 SATELLITE
.. EARTH SATELLITES
.. COMMUNICATION SATELLITES
.. INTELSAT SATELLITES
.. INTELSAT 1 SATELLITE

INTELSAT 2 SATELLITE

GS SATELLITES
.. ARTIFICIAL SATELLITES
.. COMMUNICATION SATELLITES
.. INTELSAT SATELLITES
.. INTELSAT 2 SATELLITE
.. EARTH SATELLITES
.. COMMUNICATION SATELLITES
.. INTELSAT SATELLITES
.. INTELSAT 2 SATELLITE

INTELSAT 3 SATELLITE

GS SATELLITES
.. ARTIFICIAL SATELLITES
.. COMMUNICATION SATELLITES
.. INTELSAT SATELLITES
.. INTELSAT 3 SATELLITE
.. EARTH SATELLITES
.. COMMUNICATION SATELLITES
.. INTELSAT SATELLITES
.. INTELSAT 3 SATELLITE

NASA THESAURUS (VOLUME 1)

INTELSAT 4 SATELLITE

GS SATELLITES
.. ARTIFICIAL SATELLITES
.. COMMUNICATION SATELLITES
.. INTELSAT SATELLITES
.. INTELSAT 4 SATELLITE
.. EARTH SATELLITES
.. COMMUNICATION SATELLITES
.. INTELSAT SATELLITES
.. INTELSAT 4 SATELLITE

INTELSAT 5 SATELLITE

GS SATELLITES
.. ARTIFICIAL SATELLITES
.. COMMUNICATION SATELLITES
.. INTELSAT SATELLITES
.. INTELSAT 5 SATELLITE
.. EARTH SATELLITES
.. COMMUNICATION SATELLITES
.. INTELSAT SATELLITES
.. INTELSAT 5 SATELLITE

INTELSAT 5B SATELLITE

GS SATELLITES
.. ARTIFICIAL SATELLITES
.. COMMUNICATION SATELLITES
.. INTELSAT SATELLITES
.. INTELSAT 5B SATELLITE
.. EARTH SATELLITES
.. COMMUNICATION SATELLITES
.. INTELSAT SATELLITES
.. INTELSAT 5B SATELLITE

INTELSAT 5C SATELLITE

GS SATELLITES
.. ARTIFICIAL SATELLITES
.. COMMUNICATION SATELLITES
.. INTELSAT SATELLITES
.. INTELSAT 5C SATELLITE
.. EARTH SATELLITES
.. COMMUNICATION SATELLITES
.. INTELSAT SATELLITES
.. INTELSAT 5C SATELLITE

INTENSIFICATION

USE AMPLIFICATION

INTENSIFIER TUBES

USE IMAGE INTENSIFIERS

INTENSIFIERS

GS INTENSIFIERS
.. IMAGE INTENSIFIERS
.. IMAGE ORTHICONS
RT AMPLIFIERS

∞ INTENSITY

SN (USE OF A MORE SPECIFIC TERM IS
RECOMMENDED-CONSULT THE TERMS
LISTED BELOW)
RT AMPLITUDES
BRIGHTNESS
FLUX (RATE)
FLUX DENSITY
LEVEL (QUANTITY)
LOUDNESS
LUMINANCE
LUMINOUS INTENSITY
MAGNITUDE
NOISE INTENSITY
RADIANCE
STELLAR MAGNITUDE

∞ INTERACTIONS

SN (USE OF A MORE SPECIFIC TERM IS
RECOMMENDED-CONSULT THE TERMS
LISTED BELOW)
RT AIR LAND INTERACTIONS
AIR SEA ICE INTERACTIONS
AIR WATER INTERACTIONS
ATOMIC COLLISIONS
CONFIGURATION INTERACTION
ELECTROMAGNETIC INTERACTIONS
ELEMENTARY PARTICLE INTERACTIONS
GAS-GAS INTERACTIONS
GAS-ION INTERACTIONS
GAS-LIQUID INTERACTIONS
GAS-METAL INTERACTIONS
GAS-SOLID INTERACTIONS
HIGH ENERGY INTERACTIONS
ION ATOM INTERACTIONS
LASER PLASMA INTERACTIONS
LASER TARGET INTERACTIONS
MAN ENVIRONMENT INTERACTIONS
MESON-MESON INTERACTIONS

INTERACTIONS-(CONT.)

MESON-NUCLEON INTERACTIONS
 MOLECULAR COLLISIONS
 MOLECULAR INTERACTIONS
 NUCLEAR CAPTURE
 NUCLEAR INTERACTIONS
 NUCLEAR REACTIONS
 NUCLEON-NUCLEON INTERACTIONS
 PARTICLE INTERACTIONS
 PARTICLE THEORY
 PHOTON-ELECTRON INTERACTION
 PLASMA INTERACTIONS
 PLASMA-ELECTROMAGNETIC INTERACTION
 PLASMA-PARTICLE INTERACTIONS
 PROTON-PROTON REACTIONS
 SHOCK WAVE INTERACTION
 SOLAR TERRESTRIAL INTERACTIONS
 SOUND-SOUND INTERACTIONS
 WAVE INTERACTION
 WEAK ENERGY INTERACTIONS

INTERACTIVE CONTROL

RT ACTIVE CONTROL
 CONTROL THEORY
 NUMERICAL CONTROL

INTERACTIVE GRAPHICS

USE COMPUTER GRAPHICS

INTERATOMIC FORCES

RT ATOMIC STRUCTURE
 VAN DER WAAL FORCES

INTERCALATION

GS STRATIFICATION
 . INTERCALATION
 RT ∞CHEMICAL COMPOUNDS
 GRAPHITE
 INTERLAYERS
 ∞LAYERS

INTERCEPTION

RT RENDEZVOUS
 SPACECRAFT DOCKING

INTERCEPTOR AIRCRAFT

USE FIGHTER AIRCRAFT

∞INTERCEPTORS

SN *(USE OF A MORE SPECIFIC TERM IS
 RECOMMENDED--CONSULT THE TERMS
 LISTED BELOW)*
 RT FIGHTER AIRCRAFT
 SATELLITE INTERCEPTORS
 YF-12 AIRCRAFT

INTERCOM 1000 COMPUTER

GS DATA PROCESSING EQUIPMENT
 . COMPUTERS
 . . INTERCOM 1000 COMPUTER

INTERCONNECTION

USE JOINING

INTERCONTINENTAL BALLISTIC MISSILES

UF ICBM (MISSILES)
 GS MISSILES
 . BALLISTIC MISSILES
 . . INTERCONTINENTAL BALLISTIC MISSILES
 . . . ATLAS ICBM
 ATLAS D ICBM
 ATLAS E ICBM
 ATLAS F ICBM
 ATLAS G ICBM
 . . . MINUTEMAN ICBM
 . . . TITAN ICBM
 TITAN 1 ICBM
 TITAN 2 ICBM
 . SURFACE TO SURFACE MISSILES
 . . INTERCONTINENTAL BALLISTIC MISSILES
 . . . ATLAS ICBM
 ATLAS D ICBM
 ATLAS E ICBM
 ATLAS F ICBM
 ATLAS G ICBM
 . . . MINUTEMAN ICBM
 . . . MX MISSILE
 . . . TITAN ICBM
 TITAN 1 ICBM
 TITAN 2 ICBM
 RT FLEET BALLISTIC MISSILES

INTERCONTINENTAL BALLISTIC-(CONT.)

INTERMEDIATE RANGE BALLISTIC MISSILES
 MARK 1 REENTRY BODY
 MARK 2 REENTRY BODY
 MARK 3 REENTRY BODY
 MARK 4 REENTRY BODY
 MARK 5 REENTRY BODY
 MARK 6 REENTRY BODY
 MARK 10 REENTRY BODY
 MARK 11 REENTRY BODY
 MARK 12 REENTRY BODY
 MARK 17 REENTRY BODY
 TRANSOCEANIC SYSTEMS

INTERCOSMOS SATELLITES

GS SATELLITES
 . ARTIFICIAL SATELLITES
 . . COSMOS SATELLITES
 . . . INTERCOSMOS SATELLITES
 . . . GEOPHYSICAL SATELLITES
 INTERCOSMOS SATELLITES
 . . . EARTH SATELLITES
 . . . COSMOS SATELLITES
 INTERCOSMOS SATELLITES
 . . . GEOPHYSICAL SATELLITES
 INTERCOSMOS SATELLITES
 SOVIET SPACECRAFT
 . COSMOS SATELLITES
 . . INTERCOSMOS SATELLITES

INTERCRANIAL CIRCULATION

GS CIRCULATION
 . BLOOD CIRCULATION
 . . INTERCRANIAL CIRCULATION
 RT CRANIUM
 SKULL

INTERFACE STABILITY

RT FLUID BOUNDARIES
 GAS-SOLID INTERFACES
 INTERFACES
 LIQUID SLOSHING
 LIQUID-LIQUID INTERFACES
 LIQUID-SOLID INTERFACES
 LIQUID-VAPOR INTERFACES
 TAYLOR INSTABILITY
 ULLAGE

INTERFACES

GS INTERFACES
 . FLUID BOUNDARIES
 . . GAS-SOLID INTERFACES
 . . . JET BOUNDARIES
 . . . LIQUID-LIQUID INTERFACES
 . . . LIQUID-SOLID INTERFACES
 . . . LIQUID-VAPOR INTERFACES
 . . . SOLID-SOLID INTERFACES
 RT BOUNDARIES
 COORDINATION
 DATA PROCESSING EQUIPMENT
 FREE BOUNDARIES
 INTERFACE STABILITY
 MANAGEMENT PLANNING
 PROJECT MANAGEMENT
 SURFACE PROPERTIES
 SURFACE REACTIONS
 ∞SURFACES
 TELECOMMUNICATION

INTERFACIAL ENERGY

RT ADHESION
 ELECTRON ENERGY
 ∞ENERGY
 LIQUID-LIQUID INTERFACES
 SHEAR STRENGTH
 SURFACE ENERGY

INTERFACIAL STRAIN

USE INTERFACIAL TENSION

INTERFACIAL TENSION

UF INTERFACIAL STRAIN
 SURFACE TENSION
 SURFACE PROPERTIES
 . INTERFACIAL TENSION
 RT CAPILLARY WAVES
 GAS-LIQUID INTERACTIONS
 GIBBS ADSORPTION EQUATION
 GLOBULES
 LIQUID SURFACES
 LIQUID-LIQUID INTERFACES
 MECHANICAL PROPERTIES
 RIPPLES
 SLIDING

INTERFACIAL TENSION-(CONT.)

SPREADING
 SURFACE ENERGY
 SURFACE STABILITY
 ∞TENSION
 TRIBOLOGY
 VAPOR PRESSURE
 WETTING

∞INTERFERENCE

SN *(USE OF A MORE SPECIFIC TERM IS
 RECOMMENDED--CONSULT THE TERMS
 LISTED BELOW)*
 RT AERODYNAMIC INTERFERENCE
 COHERENCE COEFFICIENT
 CROSSTALK
 DISRUPTING
 ELECTROMAGNETIC COMPATIBILITY
 ELECTROMAGNETIC INTERFERENCE
 HUM
 INCOMPATIBILITY
 INTERFERENCE FACTOR TABLE
 INTERFERENCE GRATING
 INTERSYMBOLIC INTERFERENCE
 JAMMING
 NONSYNCHRONIZATION
 RADIO FREQUENCY INTERFERENCE
 RAMSAUER EFFECT
 SUPPORT INTERFERENCE
 WAVE DIFFRACTION
 WAVE FRONT DEFORMATION

INTERFERENCE DRAG

GS AERODYNAMIC CHARACTERISTICS
 . INTERFERENCE DRAG
 DYNAMIC CHARACTERISTICS
 . DRAG
 . . PRESSURE DRAG
 . . . WAVE DRAG
 INTERFERENCE DRAG
 RT PROPELLER SLIPSTREAMS
 SUPERSONIC DRAG
 UPWASH

INTERFERENCE FACTOR TABLE

GS TABLES (DATA)
 . INTERFERENCE FACTOR TABLE
 RT ∞INTERFERENCE
 MODULATION
 MULTICHANNEL COMMUNICATION

INTERFERENCE GRATING

RT FRINGE MULTIPLICATION
 ∞GRATINGS
 ∞INTERFERENCE
 MOIRE EFFECTS
 MOIRE FRINGES
 RADIO FILTERS
 RADIO FREQUENCY INTERFERENCE

INTERFERENCE LIFT

GS AERODYNAMIC CHARACTERISTICS
 . LIFT
 . . INTERFERENCE LIFT
 AERODYNAMIC FORCES
 . LIFT
 . . INTERFERENCE LIFT
 DISTRIBUTION (PROPERTY)
 . INTERFERENCE LIFT
 DYNAMIC CHARACTERISTICS
 . LIFT
 . . INTERFERENCE LIFT
 RT UPWASH

INTERFERENCE MONOCHROMATIZATION

USE DIFFRACTION
 MONOCHROMATIZATION

INTERFEROGRAMS

USE INTERFEROMETRY

INTERFEROMETERS

GS MEASURING INSTRUMENTS
 . INTERFEROMETERS
 . . FABRY-PEROT INTERFEROMETERS
 . . INFRARED INTERFEROMETERS
 . . MACH-ZEHNDER INTERFEROMETERS
 . . MICHELSON INTERFEROMETERS
 . . MICROWAVE INTERFEROMETERS
 . . PHASE SWITCHING
 . . INTERFEROMETERS
 . . RADIO INTERFEROMETERS
 RT DIFFRACTOMETERS
 FLATNESS
 GONIOMETERS

INTERFEROMETRY

INTERFEROMETERS-(CONT.)

OPTICAL EQUIPMENT
OPTICAL MEASUREMENT
OPTICAL MEASURING INSTRUMENTS
PHOTOGRAPHIC INTERFEROMETERS
RONCHI TEST
VERY LONG BASE INTERFEROMETRY

INTERFEROMETRY

UF INTERFEROGRAMS
GS INTERFEROMETRY
... DIFFERENTIAL INTERFEROMETRY
... HOLOGRAPHIC INTERFEROMETRY
... LASER INTERFEROMETRY
... MOIRE INTERFEROMETRY
... RONCHI TEST
... VERY LONG BASE INTERFEROMETRY
RT DIFFRACTION PATTERNS
FRESNEL DIFFRACTION
FRESNEL REFLECTORS
INFRARED INTERFEROMETERS
ISOCROMATICS
NULL ZONES
PLASMA FLUX MEASUREMENT
SCATTER PLATES (OPTICS)

INTERFERON

RT BACTERIOPHAGES
BIOCHEMISTRY
BIOLOGY
PHYSIOLOGICAL DEFENSES
VIRUSES

INTERGALACTIC MEDIA

UF EXTRAGALACTIC MEDIA
GS MEDIA
... INTERGALACTIC MEDIA
RT COSMIC DUST
COSMIC GASES
COSMIC PLASMA
MASS DISTRIBUTION
STELLAR WINDS

INTERGRANULAR CORROSION

GS CHEMICAL ATTACK
... INTERGRANULAR CORROSION
CORROSION
... INTERGRANULAR CORROSION
RT GRAIN BOUNDARIES
STRESS CORROSION
TRANSGRANULAR CORROSION

INTERIM STAGES (SPACECRAFT)

GS INTERIM STAGES (SPACECRAFT)
... INERTIAL UPPER STAGE
RT MULTISTAGE ROCKET VEHICLES
RECOVERABLE SPACECRAFT
REUSABLE SPACECRAFT
SPACE SHUTTLES
STAGE SEPARATION

INTERIM UPPER STAGE (STS)

USE INERTIAL UPPER STAGE

INTERIOR BALLISTICS

GS BALLISTICS
... INTERIOR BALLISTICS
RT PROPELLANT TESTS

INTERLACING DRAINAGE

USE DRAINAGE PATTERNS

INTERLAYERS

GS INTERLAYERS
... MULTILAYER INSULATION
RT BARRIER LAYERS
FABRICS
INSULATION
INTERCALATION
LAMINATES
LAYERS
PLY ORIENTATION
SANDWICH STRUCTURES
TRANSITION LAYERS

INTERLOCKING

USE LOCKING

INTERMEDIATE FREQUENCIES

GS FREQUENCIES
... INTERMEDIATE FREQUENCIES
RT HIGH FREQUENCIES
LOW FREQUENCIES
RADIO FREQUENCIES

INTERMEDIATE FREQUENCY AMPLIFIERS

GS AMPLIFIERS
... INTERMEDIATE FREQUENCY
AMPLIFIERS
RT BEAT FREQUENCIES
CRYSTAL FILTERS
HETERODYNING
LOGARITHMIC RECEIVERS
PREAMPLIFIERS
RADIO RECEIVERS
TRANSISTOR AMPLIFIERS

INTERMEDIATE RANGE BALLISTIC MISSILES

UF IRBM (MISSILES)
GS MISSILES
... BALLISTIC MISSILES
... INTERMEDIATE RANGE BALLISTIC
MISSILES
... BLUE STREAK MISSILE
... JUPITER MISSILE
... POLARIS MISSILES
... POLARIS A1 MISSILE
... POLARIS A2 MISSILE
... POLARIS A2A MISSILE
... POLARIS A3 MISSILE
... SURFACE TO SURFACE MISSILES
... INTERMEDIATE RANGE BALLISTIC
MISSILES
... BLUE STREAK MISSILE
... JUPITER MISSILE
... POLARIS MISSILES
... POLARIS A1 MISSILE
... POLARIS A2 MISSILE
... POLARIS A2A MISSILE
... POLARIS A3 MISSILE
RT FIELD ARMY BALLISTIC MISSILES
FLEET BALLISTIC MISSILES
INTERCONTINENTAL BALLISTIC MISSILES
MARK 1 REENTRY BODY
MARK 2 REENTRY BODY
MARK 3 REENTRY BODY
SHORT RANGE BALLISTIC MISSILES

INTERMETALLICS

SN (COMPOUNDS CONSISTING OF ONLY
METALLIC ELEMENTS)
UF ELECTRON COMPOUNDS
RT ALLOYS
AMMINES
ARSENIDES
BORIDES
INORGANIC COMPOUNDS
METALLOIDS
METALS
PHASE DIAGRAMS
PHOTOELECTROMAGNETIC EFFECTS
SEMICONDUCTORS (MATERIALS)
SILICIDES
TELLURIDES

INTERMITTENCY

RT CYCLES
PULSES
RANDOM PROCESSES

INTERMITTENCY HYPOTHESIS

GS HYPOTHESES
... INTERMITTENCY HYPOTHESIS
RT PHOTOGRAPHIC RECORDING

INTERMODULATION

GS MODULATION
... INTERMODULATION
RT DEMODULATION
DISCRIMINATORS
FREQUENCY ANALYZERS
FREQUENCY MODULATION
REMODULATION
SOUND-SOUND INTERACTIONS
WAVE INTERACTION

INTERMOLECULAR FORCES

GS LEVEL (QUANTITY)
... ENERGY LEVELS
... MOLECULAR ENERGY LEVELS
... INTERMOLECULAR FORCES
RT CONFIGURATION INTERACTION
EXCIMERS
MOLECULAR INTERACTIONS
MOLECULAR STRUCTURE
VAN DER WAAL FORCES

INTERMONTANE FLOORS

USE VALLEYS

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INTERNAL COMBUSTION ENGINES

SN (EXCLUDES ROCKET ENGINES)
GS ENGINES
... INTERNAL COMBUSTION ENGINES
... DIESEL ENGINES
... GAS TURBINE ENGINES
... HYDROGEN ENGINES
... JET ENGINES
... RAMJET ENGINES
... LOW VOLUME RAMJET ENGINES
... PULSEJET ENGINES
... SUPERSONIC COMBUSTION
RAMJET ENGINES
... TURBORAMJET ENGINES
... T-63 ENGINE
... T-76 ENGINE
... TURBOJET ENGINES
... BRISTOL-SIDDELEY OLYMPUS
593 ENGINE
... BRISTOL-SIDDELEY VIPER
ENGINE
... DUCTED FAN ENGINES
... J-33 ENGINE
... J-34 ENGINE
... J-40 ENGINE
... J-47 ENGINE
... J-52 ENGINE
... J-57 ENGINE
... J-57-P-20 ENGINE
... J-65 ENGINE
... J-69-T-25 ENGINE
... J-71 ENGINE
... J-73 ENGINE
... J-75 ENGINE
... J-79 ENGINE
... J-85 ENGINE
... J-93 ENGINE
... RA-28 ENGINE
... TURBOFAN ENGINES
... BRISTOL-SIDDELEY BS 53
ENGINE
... CF-700 ENGINE
... J-97 ENGINE
... STF-102 ENGINE
... TF-30 ENGINE
... TF-41 ENGINE
... TF-106 ENGINE
... TURBOPROP ENGINES
... T-34 ENGINE
... T-38 ENGINE
... T-53 ENGINE
... T-56 ENGINE
... T-64 ENGINE
... T-74 ENGINE
... T-78 ENGINE
... TURBORAMJET ENGINES
... PTL-6 ENGINE
... T-58 ENGINE
... T-58-GE-8B ENGINE
... HELICOPTER ENGINES
... WANKEL ENGINES
RT AFTERBURNING
AIRCRAFT ENGINES
AUTOMOBILE ENGINES
AUTOMOBILE FUELS
BEARING
BEARINGS
BOOSTER ROCKET ENGINES
CAMS
CARBURETORS
COMBUSTION
COMBUSTION CHAMBERS
DIESEL FUELS
DISTRIBUTORS
DUCTED ROCKET ENGINES
ELECTRIC HYBRID VEHICLES
ENGINE PARTS
ENGINE PRIMERS
ENGINE STARTERS
EXHAUST SYSTEMS
EXTERNAL COMBUSTION ENGINES
FUEL CONSUMPTION
FUEL INJECTION
FUEL PUMPS
FUEL SYSTEMS
GAS TURBINES
HYBRID PROPELLANT ROCKET ENGINES
IGNITION SYSTEMS
LIQUID PROPELLANT ROCKET ENGINES
LUBRICATION SYSTEMS
PISTON ENGINES
PISTONS
RETROCKET ENGINES
ROCKET ENGINES
SOLID PROPELLANT ROCKET ENGINES
SPARK PLUGS

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INTERNAL COMBUSTION ENGINES-(CONT.)

SUPERCHARGERS
SUSTAINER ROCKET ENGINES
THERMODYNAMIC CYCLES
THERMODYNAMIC EFFICIENCY
TORPEDO ENGINES
VERNIER ENGINES

INTERNAL COMPRESSION INLETS

GS INTAKE SYSTEMS
. INTERNAL COMPRESSION INLETS
RT AIR INTAKES
COMPRESSING
ENGINE INLETS
INLET NOZZLES
SUPERSONIC INLETS

INTERNAL CONVERSION

RT ∞ CONVERSION
NUCLEAR REACTIONS

INTERNAL ENERGY

RT CHEMICAL ENERGY
 ∞ ENERGY
FREE ENERGY
GIBBS-HELMHOLTZ EQUATIONS
KINETIC ENERGY
 ∞ LEVEL
MOLECULAR ENERGY LEVELS
PARTICLE ENERGY
POTENTIAL ENERGY
THERMAL ENERGY
THERMODYNAMICS

INTERNAL FRICTION

GS FRICTION
. INTERNAL FRICTION
RT ANELASTICITY
ATTENUATION
COHESION
DAMPING
DENSITY (MASS/VOLUME)
EDDY VISCOSITY
HYSTERESIS
MECHANICAL PROPERTIES
 ∞ PHYSICAL PROPERTIES
PLASTIC FLOW
VISCOSITY

INTERNAL PRESSURE

SN (PRESSURE INSIDE A PORTION OF
MATTER) DUE TO ATTRACTION
BETWEEN MOLECULES)
GS PRESSURE
. INTERNAL PRESSURE
RT ADHESION
COHESION
GAS PRESSURE
PARTIAL PRESSURE
PRESSURE DISTRIBUTION
SPREADING
TEMPERATURE INVERSIONS

INTERNAL STRESS

USE RESIDUAL STRESS

INTERNAL WAVES

GS INTERNAL WAVES
. PLANETARY WAVES
RT SURFACE WAVES
 ∞ WAVES

INTERNATIONAL COMPUTERS LIMITED

USE ICL COMPUTERS

INTERNATIONAL COOPERATION

GS FOREIGN POLICY
. INTERNATIONAL RELATIONS
. . . INTERNATIONAL COOPERATION
. . . OUTER SPACE TREATY
RT A-300 AIRCRAFT
ANIK 1
ANIK 2
ANIK 3
APOLLO SOYUZ TEST PROJECT
ARCOMSAT
AZUR SATELLITE
COMMITTEE ON SPACE RESEARCH
COMMUNICATIONS TECHNOLOGY
SATELLITE
CONVENTIONS
 ∞ COOPERATION
COSMOS 782 SATELLITE
COSMOS 936 SATELLITE

INTERNATIONAL COOPERATION-(CONT.)

COSMOS 1129 SATELLITE
DISARMAMENT
EISCAT RADAR SYSTEM (EUROPE)
ESA SATELLITES
EUROPEAN AIRBUS
FEDERATIONS
FRENCH SPACE PROGRAMS
INTEGRATED GLOBAL OCEAN STATION
SYSTEMS
INTERNATIONAL HYDROLOGICAL
DECADE
INTERNATIONAL SATELLITE GEODESY
EXPERIMENT
NORTH ATLANTIC TREATY
ORGANIZATION (NATO)
PALAPA SATELLITES
PALAPA 1 SATELLITE
PALAPA 2 SATELLITE
PEACETIME
POLITICS
SEA LAW
SOVEREIGNTY
SYMPHONIE SATELLITES
U.S.S.R. SPACE PROGRAM
UNITED NATIONS
USER REQUIREMENTS
WORLD METEOROLOGICAL
ORGANIZATION

INTERNATIONAL FIELD YEAR FOR GREAT LAKES

RT CANADA
GREAT LAKES (NORTH AMERICA)
UNITED STATES OF AMERICA

INTERNATIONAL GEOPHYSICAL YEAR

UF IGY (GEOPHYSICAL YEAR)
RT GEOPHYSICS
VANGUARD SATELLITES
WORLD DATA CENTERS

INTERNATIONAL HYDROLOGICAL DECADE

RT CANADA
FOREIGN POLICY
HYDROLOGY
INTERNATIONAL COOPERATION
INTERNATIONAL RELATIONS
PRECIPITATION (METEOROLOGY)
RIVER BASINS
STREAMS
UNITED STATES OF AMERICA
WATER RESOURCES
WATERSHEDS

INTERNATIONAL LAW

GS LAW (JURISPRUDENCE)
. INTERNATIONAL LAW
. . . AIR LAW
. . . SPACE LAW
RT CONVENTIONS
LEGAL LIABILITY
NATIONS
OUTER SPACE TREATY
PEACETIME
POLITICS
SOVEREIGNTY
UNITED NATIONS
WARFARE

INTERNATIONAL MAGNETOSPHERIC EXPLORER

UF IME SATELLITE
GS SATELLITES
. ARTIFICIAL SATELLITES
. . . EXPLORER SATELLITES
. . . INTERNATIONAL MAGNETOSPHERIC
EXPLORER
. EARTH SATELLITES
. . . EXPLORER SATELLITES
. . . INTERNATIONAL MAGNETOSPHERIC
EXPLORER
RT DELTA LAUNCH VEHICLE
MAGNETOSPHERE

INTERNATIONAL MAGNETOSPHERIC STUDY

UF IMS
GS INVESTIGATION
. INTERNATIONAL MAGNETOSPHERIC
STUDY
RT ATMOSPHERIC PHYSICS
EUROPEAN SPACE PROGRAMS
GEOMAGNETISM
INTERPLANETARY MAGNETIC FIELDS
MAGNETOSPHERE

INTERNATIONAL SUN EARTH EXPLORER 2

INTERNATIONAL PRACTICAL TEMPERATURE USE TEMPERATURE SCALES

INTERNATIONAL QUIET SUN YEAR

UF IOSY (INTERNATIONAL YEAR)
RT SOLAR ACTIVITY
SOLAR CYCLES
SOLAR PHYSICS

INTERNATIONAL RELATIONS

GS FOREIGN POLICY
. INTERNATIONAL RELATIONS
. . . INTERNATIONAL COOPERATION
. . . OUTER SPACE TREATY
RT APOLLO SOYUZ TEST PROJECT
INTERNATIONAL HYDROLOGICAL
DECADE
U.S.S.R. SPACE PROGRAM

INTERNATIONAL SATELLITE GEODESY EXPERIMENT

UF ISAGEX
RT CELESTIAL GEODESY
EUROPEAN SPACE PROGRAMS
GEODETIC COORDINATES
INTERNATIONAL COOPERATION
SATELLITE TRACKING
U.S.S.R. SPACE PROGRAM

INTERNATIONAL SATS FOR IONOSPHERIC STUDY USE ISIS SATELLITES

INTERNATIONAL SOLAR POLAR MISSION

GS SPACE MISSIONS
. INTERNATIONAL SOLAR POLAR
MISSION
RT INERTIAL UPPER STAGE
MISSION PLANNING
 ∞ MISSIONS
SOLAR MAXIMUM MISSION
SOLAR PROBES

INTERNATIONAL SUN AND EARTH EXPLORER A

USE INTERNATIONAL SUN EARTH EXPLORER
1

INTERNATIONAL SUN AND EARTH EXPLORER B

USE INTERNATIONAL SUN EARTH EXPLORER
2

INTERNATIONAL SUN AND EARTH EXPLORER C

USE INTERNATIONAL SUN EARTH EXPLORER
3

INTERNATIONAL SUN EARTH EXPLORER 1

UF INTERNATIONAL SUN AND EARTH
EXPLORER A
ISEE A
ISEE 1
GS SATELLITES
. ARTIFICIAL SATELLITES
. . . EXPLORER SATELLITES
. . . INTERNATIONAL SUN EARTH
EXPLORERS
. . . INTERNATIONAL SUN EARTH
EXPLORER 1
. EARTH SATELLITES
. . . EXPLORER SATELLITES
. . . INTERNATIONAL SUN EARTH
EXPLORERS
. . . INTERNATIONAL SUN EARTH
EXPLORER 1

INTERNATIONAL SUN EARTH EXPLORER 2

UF INTERNATIONAL SUN AND EARTH
EXPLORER B
ISEE B
ISEE 2
GS SATELLITES
. ARTIFICIAL SATELLITES
. . . EXPLORER SATELLITES
. . . INTERNATIONAL SUN EARTH
EXPLORERS
. . . INTERNATIONAL SUN EARTH
EXPLORER 2
. EARTH SATELLITES
. . . EXPLORER SATELLITES
. . . INTERNATIONAL SUN EARTH
EXPLORERS
. . . INTERNATIONAL SUN EARTH
EXPLORER 2

INTERNATIONAL SUN EARTH EXPLORER 3

INTERNATIONAL SUN EARTH EXPLORER 3
 UF INTERNATIONAL SUN AND EARTH EXPLORER C
 ISEE C
 ISEE 3
 GS SATELLITES
 ARTIFICIAL SATELLITES
 EXPLORER SATELLITES
 INTERNATIONAL SUN EARTH EXPLORERS
 INTERNATIONAL SUN EARTH EXPLORER 3
 EARTH SATELLITES
 EXPLORER SATELLITES
 INTERNATIONAL SUN EARTH EXPLORERS
 INTERNATIONAL SUN EARTH EXPLORER 3

INTERNATIONAL SUN EARTH EXPLORERS
 UF ISEE
 GS SATELLITES
 ARTIFICIAL SATELLITES
 EXPLORER SATELLITES
 INTERNATIONAL SUN EARTH EXPLORERS
 INTERNATIONAL SUN EARTH EXPLORER 1
 INTERNATIONAL SUN EARTH EXPLORER 2
 INTERNATIONAL SUN EARTH EXPLORER 3
 EARTH SATELLITES
 EXPLORER SATELLITES
 INTERNATIONAL SUN EARTH EXPLORERS
 INTERNATIONAL SUN EARTH EXPLORER 1
 INTERNATIONAL SUN EARTH EXPLORER 2
 INTERNATIONAL SUN EARTH EXPLORER 3

INTERNATIONAL SYSTEM OF UNITS
 UF METRIC SYSTEM
 SI
 GS UNITS OF MEASUREMENT
 INTERNATIONAL SYSTEM OF UNITS
 RT CONVERSION TABLES
 MEASUREMENT
 MEASURING INSTRUMENTS
 METRICATION
 METROLOGY

INTERNATIONAL TRADE
 UF EXPORTS
 RT ECONOMICS
 REVENUE

INTERNATIONAL ULTRAVIOLET EXPLORER
 USE IUE

INTERNUCLEAR PROPERTIES
 RT MOLECULAR INTERACTIONS
 MOLECULAR PHYSICS

INTERORBITAL TRAJECTORIES
 GS TRAJECTORIES
 INTERORBITAL TRAJECTORIES
 RT INTERPLANETARY TRAJECTORIES
 ROUND TRIP TRAJECTORIES
 SPACECRAFT TRAJECTORIES

INTERPHONES
 GS COMMUNICATION EQUIPMENT
 INTERPHONES
 RT EARPHONES
 MICROPHONES
 TELECOMMUNICATION

INTERPLANETARY COMMUNICATION
 GS TELECOMMUNICATION
 SPACE COMMUNICATION
 INTERPLANETARY COMMUNICATION
 RT CIRCULUNAR COMMUNICATION
 EXTRATERRESTRIAL COMMUNICATION
 FACSIMILE COMMUNICATION
 LASERS
 LUNAR COMMUNICATION
 OPTICAL COMMUNICATION
 RADIO COMMUNICATION
 SPACECRAFT COMMUNICATION

INTERPLANETARY DUST
 GS DUST
 COSMIC DUST
 INTERPLANETARY DUST
 METEOROID DUST CLOUDS
 ZODIACAL DUST
 MEDIA
 INTERPLANETARY MEDIUM
 INTERPLANETARY DUST
 METEOROID DUST CLOUDS
 ZODIACAL DUST
 RT METEOROID
 MICROMETEORIDS

INTERPLANETARY EXPLORER
 USE EXPLORER 18 SATELLITE

INTERPLANETARY FLIGHT
 UF PLANETARY SPACE FLIGHT
 GS SPACE FLIGHT
 INTERPLANETARY FLIGHT
 LONG DURATION SPACE FLIGHT
 RT ASTRODYNAMICS
 EARTH-VENUS TRAJECTORIES
 FLYBY MISSIONS
 INTERSTELLAR SPACECRAFT
 MANNED SPACE FLIGHT
 MARINER JUPITER-SATURN FLYBY
 MARINER JUPITER-URANUS FLYBY
 ORBITS
 OUTER PLANETS EXPLORERS
 PLANETARY LANDING
 RETURN TO EARTH SPACE FLIGHT
 ROUND TRIP TRAJECTORIES
 SPACE EXPLORATION
 SPACE NAVIGATION
 SPACECRAFT GUIDANCE
 TOPS (SPACECRAFT)

INTERPLANETARY GAS
 GS EXTRATERRESTRIAL MATTER
 COSMIC GASES
 INTERPLANETARY GAS
 GASES
 RAREFIED GASES
 COSMIC GASES
 INTERPLANETARY GAS
 MEDIA
 INTERPLANETARY MEDIUM
 INTERPLANETARY GAS
 RT COSMIC PLASMA
 INTERSTELLAR GAS
 NEUTRAL GASES
 SOLAR WIND

INTERPLANETARY MAGNETIC FIELDS
 GS MAGNETIC FIELDS
 INTERPLANETARY MAGNETIC FIELDS
 RT INTERNATIONAL MAGNETOSPHERIC STUDY
 SOLAR MAGNETIC FIELD

INTERPLANETARY MEDIUM
 GS MEDIA
 INTERPLANETARY MEDIUM
 INTERPLANETARY DUST
 METEOROID DUST CLOUDS
 ZODIACAL DUST
 INTERPLANETARY GAS
 RT MASS DISTRIBUTION
 METEORIDS
 PLASMA CLOUDS
 SOLAR WIND

INTERPLANETARY MONITORING PLATFORM
 USE IMP

INTERPLANETARY NAVIGATION
 GS NAVIGATION
 SPACE NAVIGATION
 INTERPLANETARY NAVIGATION
 RT ASTRONAVIGATION
 CELESTIAL NAVIGATION
 CELESTIAL REFERENCE SYSTEMS
 RADAR NAVIGATION
 RADIO NAVIGATION

INTERPLANETARY PROPULSION
 USE INTERPLANETARY SPACECRAFT
 ROCKET ENGINES

INTERPLANETARY SPACE
 UF TRANSUNAR SPACE
 GS ENVIRONMENTS

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INTERPLANETARY SPACE-(CONT.)
 AEROSPACE ENVIRONMENTS
 DEEP SPACE
 INTERPLANETARY SPACE
 EXTRATERRESTRIAL ENVIRONMENTS
 DEEP SPACE
 INTERPLANETARY SPACE
 RT CISELUNAR SPACE
 HELIOSPHERE
 INTERSTELLAR SPACE

INTERPLANETARY SPACECRAFT
 UF INTERPLANETARY PROPULSION
 PLANETARY SPACECRAFT
 GS INTERPLANETARY SPACECRAFT
 EXPLORER 18 SATELLITE
 JUPITER PROBES
 GALILEO PROBE
 GALILEO SPACECRAFT
 MARINER SPACE PROBES
 MARINER R 1 SPACE PROBE
 MARINER R 2 SPACE PROBE
 MARINER VENUS-MERCURY 1973
 MARINER 1 SPACE PROBE
 MARINER 2 SPACE PROBE
 MARINER 3 SPACE PROBE
 MARINER 4 SPACE PROBE
 MARINER 5 SPACE PROBE
 MARINER 6 SPACE PROBE
 MARINER 7 SPACE PROBE
 MARINER 8 SPACE PROBE
 MARINER 9 SPACE PROBE
 MARINER 10 SPACE PROBE
 MARINER 11 SPACE PROBE
 MARINER SPACECRAFT
 MARINER C SPACECRAFT
 MARINER VENUS 67 SPACECRAFT
 MARS PROBES
 ADVANCED RECONN ELECTRIC SPACECRAFT
 MARINER 3 SPACE PROBE
 MARINER 4 SPACE PROBE
 MARINER 6 SPACE PROBE
 MARINER 7 SPACE PROBE
 MARINER 8 SPACE PROBE
 MARINER 10 SPACE PROBE
 MARS 1 SPACECRAFT
 MARS 2 SPACECRAFT
 MARS 3 SPACECRAFT
 MARS 4 SPACECRAFT
 VIKING SPACECRAFT
 VIKING 1 SPACECRAFT
 VIKING LANDER SPACECRAFT
 VIKING LANDER 1
 VIKING ORBITER SPACECRAFT
 VIKING ORBITER 1
 VIKING 2 SPACECRAFT
 VIKING LANDER SPACECRAFT
 VIKING LANDER 2
 VIKING ORBITER SPACECRAFT
 VIKING ORBITER 2
 VIKING 75 ENTRY VEHICLE
 ZOND 2 SPACE PROBE
 MARS 5 SPACECRAFT
 PIONEER SPACE PROBES
 PIONEER VENUS 2 ENTRY PROBES
 PIONEER VENUS 2 DAY PROBE
 PIONEER VENUS 2 NIGHT PROBE
 PIONEER VENUS 2 NORTH PROBE
 PIONEER VENUS 2 SOUNDER
 PROBE
 PIONEER 1 SPACE PROBE
 PIONEER 2 SPACE PROBE
 PIONEER 3 SPACE PROBE
 PIONEER 4 SPACE PROBE
 PIONEER 5 SPACE PROBE
 PIONEER 6 SPACE PROBE
 PIONEER 7 SPACE PROBE
 PIONEER 8 SPACE PROBE
 PIONEER 9 SPACE PROBE
 PIONEER 10 SPACE PROBE
 PIONEER VENUS SPACECRAFT
 PIONEER VENUS 1 SPACECRAFT
 PIONEER VENUS 2 SPACECRAFT
 PIONEER VENUS 2 TRANSPORTER
 BUS
 TOPS (SPACECRAFT)
 VENUS PROBES
 MARINER 1 SPACE PROBE
 MARINER 2 SPACE PROBE
 MARINER 5 SPACE PROBE
 PIONEER VENUS 2 SPACECRAFT
 PIONEER VENUS 2 TRANSPORTER
 BUS
 VENERA SATELLITES
 VENERA 2 SATELLITE

INTERPLANETARY SPACECRAFT-(CONT.)

... VENERA 3 SATELLITE
 ... VENERA 8 SATELLITE
 ... VENERA 9 SATELLITE
 ... VENERA 10 SATELLITE
 ... VENERA 11 SATELLITE
 ... VENERA 12 SATELLITE

... ZOND 1 SPACE PROBE
 ... ZOND 3 SPACE PROBE
 ... ZOND 4 SPACE PROBE
 ... ZOND 5 SPACE PROBE
 ... ZOND 6 SPACE PROBE
 ... ZOND 7 SPACE PROBE
 ... ZOND 8 SPACE PROBE

... VOYAGER 1 SPACECRAFT
 ... VOYAGER 2 SPACECRAFT
 ... ZOND SPACE PROBES

... ZOND 1 SPACE PROBE
 ... ZOND 2 SPACE PROBE
 ... ZOND 3 SPACE PROBE
 ... ZOND 4 SPACE PROBE
 ... ZOND 5 SPACE PROBE
 ... ZOND 6 SPACE PROBE
 ... ZOND 7 SPACE PROBE
 ... ZOND 8 SPACE PROBE

RT ARTIFICIAL SATELLITES
 INTERSTELLAR SPACECRAFT
 LANDING MODULES
 MANEUVERABLE SPACECRAFT
 MANNED SPACECRAFT
 RENDEZVOUS SPACECRAFT
 REUSABLE SPACECRAFT
 SATELLITES
 SPACE CAPSULES
 SPACE EXPLORATION
 SPACE PROBES
 ∞ SPACECRAFT
 UNMANNED SPACECRAFT
 VOYAGER 1977 MISSION

INTERPLANETARY TRAJECTORIES

GS TRAJECTORIES
 . SPACECRAFT TRAJECTORIES
 . . INTERPLANETARY TRAJECTORIES
 . . . EARTH-MARS TRAJECTORIES
 . . . EARTH-MERCURY TRAJECTORIES

RT EARTH-MOON TRAJECTORIES
 EARTH-VENUS TRAJECTORIES
 GODDARD TRAJECTORY
 DETERMINATION SYSTEM
 INTERORBITAL TRAJECTORIES
 ORBITAL LAUNCHING
 ORBITAL MECHANICS
 PARKING ORBITS
 PLANETARY ORBITS
 RENDEZVOUS TRAJECTORIES
 ROUND TRIP TRAJECTORIES
 SOLAR ORBITS
 SPACE NAVIGATION
 SPACECRAFT GUIDANCE
 TRANSFER ORBITS
 VIKING LANDER SPACECRAFT
 VIKING LANDER 1
 VIKING LANDER 2
 VIKING ORBITER SPACECRAFT
 VIKING ORBITER 1
 VIKING ORBITER 2
 VIKING 1 SPACECRAFT
 VIKING 2 SPACECRAFT

INTERPLANETARY TRANSFER ORBITS

GS ORBITS
 . ELLIPTICAL ORBITS
 . . TRANSFER ORBITS
 . . . INTERPLANETARY TRANSFER ORBITS

... SPACECRAFT ORBITS
 ... TRANSFER ORBITS
 ... INTERPLANETARY TRANSFER ORBITS

RT ORBITAL MECHANICS
 SWINGBY TECHNIQUE

INTERPOLATION

GS ANALYSIS (MATHEMATICS)
 . NUMERICAL ANALYSIS
 . . INTERPOLATION

RT COMMUTATION
 COMPUTATION
 EXTRAPOLATION
 FINITE DIFFERENCE THEORY
 STATISTICAL ANALYSIS

INTERPOLATORS

USE REPEATERS

∞ INTERPRETATION

SN (USE OF A MORE SPECIFIC TERM IS
 RECOMMENDED--CONSULT THE TERMS
 LISTED BELOW)

RT DECODING
 INTELLIGIBILITY
 PERCEPTION
 PHOTOINTERPRETATION
 READING
 RECOGNITION
 SYNTAX
 TRANSLATING

INTERPROCESSOR COMMUNICATION

RT COMPUTER NETWORKS
 COMPUTER SYSTEMS DESIGN
 MULTIPROCESSING (COMPUTERS)
 PARALLEL PROCESSING (COMPUTERS)

INTERRELATIONSHIPS

USE RELATIONSHIPS

INTERROGATION

RT DATA PROCESSING
 IFF SYSTEMS (IDENTIFICATION)
 SECONDARY RADAR
 TRANSMITTER RECEIVERS
 TRANSPONDERS

INTERRUPTION

RT ELECTRIC RELAYS
 PACKET SWITCHING
 SEQUENCING
 SWITCHES
 SWITCHING

INTERSECTIONS

SN (EXCLUDES BOOLEAN LOGICAL
 PRODUCTS)
 RT CROSSINGS
 CROSSOVERS
 HIGHWAYS
 ∞ JUNCTIONS
 RAMPS (STRUCTURES)
 ROADS
 STREETS
 TRANSPORTATION NETWORKS

INTERSERVICE DATA EXCHANGE PROGRAM

UF IDEP (DATA EXCHANGE)
 RT DATA RETRIEVAL
 DATA STORAGE
 INFORMATION RETRIEVAL
 LIBRARIES
 MILITARY TECHNOLOGY
 RESEARCH

INTERSTELLAR CHEMISTRY

GS PARTICLE INTERACTIONS
 . MOLECULAR INTERACTIONS
 . . INTERSTELLAR CHEMISTRY
 RT ASSOCIATION REACTIONS
 CHEMICAL REACTIONS
 ∞ CHEMISTRY
 MOLECULAR CLOUDS
 REACTION KINETICS

INTERSTELLAR COMMUNICATION

GS COMMUNICATING
 . INTERSTELLAR COMMUNICATION
 RT EXTRATERRESTRIAL INTELLIGENCE
 RADIO COMMUNICATION
 SPACE COMMUNICATION

INTERSTELLAR EXTINCTION

UF INTERSTELLAR REDDENING
 GS EXTINCTION
 . INTERSTELLAR EXTINCTION
 RT ASTROPHYSICS
 EVOLUTION (DEVELOPMENT)
 INTERSTELLAR GAS
 RADIATION ABSORPTION
 STELLAR EVOLUTION
 STELLAR RADIATION

INTERSTELLAR GAS

GS EXTRATERRESTRIAL MATTER
 . COSMIC GASES
 . . INTERSTELLAR GAS
 . . . NEUTRAL GASES
 GASES
 . RAREFIED GASES
 . . COSMIC GASES
 . . . INTERSTELLAR GAS

INTERSTELLAR GAS-(CONT.)

RT . . . NEUTRAL GASES
 HELIOSPHERE
 INTERPLANETARY GAS
 INTERSTELLAR EXTINCTION
 MOLECULAR CLOUDS
 ORION NEBULA
 STELLAR MASS ACCRETION
 STELLAR WINDS

INTERSTELLAR MAGNETIC FIELDS

UF GALACTIC MAGNETIC FIELDS
 GS MAGNETIC FIELDS
 . INTERSTELLAR MAGNETIC FIELDS
 RT STELLAR MAGNETIC FIELDS

INTERSTELLAR MASERS

GS STIMULATED EMISSION DEVICES
 . MASERS
 . . INTERSTELLAR MASERS
 RT COHERENT ELECTROMAGNETIC
 RADIATION
 GAS MASERS
 LASERS
 MICROWAVE AMPLIFIERS
 MOLECULAR CLOUDS
 RADIATION SOURCES
 STIMULATED EMISSION
 WATER MASERS

INTERSTELLAR MATTER

RT CELESTIAL BODIES
 COSMIC DUST
 MASS DISTRIBUTION
 MOLECULAR CLOUDS
 NEBULAE
 ORION NEBULA
 STELLAR MASS ACCRETION

INTERSTELLAR MICROWAVE SPECTRA

USE INTERSTELLAR RADIATION
 MICROWAVE SPECTRA

INTERSTELLAR RADIATION

UF INTERSTELLAR MICROWAVE SPECTRA
 GS EXTRATERRESTRIAL RADIATION
 . INTERSTELLAR RADIATION
 RT CORPUSCULAR RADIATION
 COSMIC NOISE
 COSMIC RAYS
 ELECTROMAGNETIC RADIATION
 GALACTIC RADIATION
 GAMMA RAY BURSTS
 ∞ RADIATION
 RADIATIVE TRANSFER
 STELLAR RADIATION

INTERSTELLAR REDDENING

USE INTERSTELLAR EXTINCTION

INTERSTELLAR SPACE

GS ENVIRONMENTS
 . AEROSPACE ENVIRONMENTS
 . . DEEP SPACE
 . . . INTERSTELLAR SPACE
 . . . EXTRATERRESTRIAL ENVIRONMENTS
 . . . DEEP SPACE
 . . . INTERSTELLAR SPACE
 RT INTERPLANETARY SPACE

INTERSTELLAR SPACECRAFT

RT INTERPLANETARY FLIGHT
 INTERPLANETARY SPACECRAFT
 INTERSTELLAR TRAVEL
 SATELLITES
 SPACE EXPLORATION

INTERSTELLAR TRAVEL

GS SPACE FLIGHT
 . INTERSTELLAR TRAVEL
 RT ASTRONAVIGATION
 CELESTIAL REFERENCE SYSTEMS
 EXTRATERRESTRIAL INTELLIGENCE
 INTERSTELLAR SPACECRAFT
 LONG DURATION SPACE FLIGHT
 MANNED SPACE FLIGHT

INTERSTICES

RT CAVITIES
 CRACKS
 GRAIN BOUNDARIES
 PERCOLATION
 PERMEABILITY
 PINHOLES

INTERSTITIALS

INTERSTICES-(CONT.)

POROSITY
POROUS MATERIALS
VOIDS

INTERSTITIALS

RT ADDITIVES
CRYSTAL DEFECTS
CRYSTAL STRUCTURE
GRAIN BOUNDARIES

INTERSYMBOLIC INTERFERENCE

RT DATA TRANSMISSION
∞ INTERFERENCE
SIGNAL DISTORTION
TRANSMISSION EFFICIENCY

INTERTROPICAL CONVERGENT ZONES

GS REGIONS
∞ INTERTROPICAL CONVERGENT ZONES
RT ATMOSPHERIC CIRCULATION
FRONTS (METEOROLOGY)
GARP ATLANTIC TROPICAL EXPERIMENT
TROPICAL METEOROLOGY
TROPICAL REGIONS

INTERVALS

RT ALTERNATIONS
CONSECUTIVE EVENTS
SPACING
STEP FUNCTIONS
TIME
TOPOLOGY

INTERVEHICLE SPACECREW TRANSFER

USE SPACECREW TRANSFER

INTERVERTEBRAL DISKS

GS DISKS (SHAPES)
∞ INTERVERTEBRAL DISKS
RT ∞ DISKS
MUSCULOSKELETAL SYSTEM
VERTEBRAE

INTESTINES

GS DIGESTIVE SYSTEM
GASTROINTESTINAL SYSTEM
∞ INTESTINES
RECTUM
VISCERA
∞ INTESTINES
RECTUM
RT ABDOMEN
APPENDIX (ANATOMY)
COLIC

INTOXICATION

RT ∞ POISONING
TOXICITY AND SAFETY HAZARD
TOXICOLOGY

INTRACRANIAL CAVITY

GS ANATOMY
HEAD (ANATOMY)
SKULL
CRANIUM
∞ INTRACRANIAL CAVITY
MUSCULOSKELETAL SYSTEM
BONES
SKULL
CRANIUM
∞ INTRACRANIAL CAVITY

INTRACRANIAL PRESSURE

GS PRESSURE
∞ INTRACRANIAL PRESSURE
RT BRAIN

INTRAMOLECULAR STRUCTURES

RT MOLECULAR STRUCTURE
∞ STRUCTURES

INTRAOCULAR PRESSURE

UF TONOMETRY
GS PRESSURE
∞ INTRAOCULAR PRESSURE
RT GLAUCOMA

INTRAORBIT TRANSFER VEHICLES

RT PAYLOAD TRANSFER

INTRAVASCULAR SYSTEM

GS CIRCULATION
BLOOD CIRCULATION

INTRAVASCULAR SYSTEM-(CONT.)

∞ INTRAVASCULAR SYSTEM

INTRAVEHICULAR ACTIVITY

RT ∞ ACTIVITY
ASTRONAUT LOCOMOTION
ASTRONAUT MANEUVERING EQUIPMENT
ASTRONAUT PERFORMANCE
EXTRAVEHICULAR ACTIVITY
HUMAN PERFORMANCE
MANNED SPACE FLIGHT
PILOT PERFORMANCE
SPACECRAFT ENVIRONMENTS
WEIGHTLESSNESS

INTRAVENOUS PROCEDURES

RT CATHETERIZATION
MEDICAL SERVICES

INTROVERSION

RT ∞ DEPRESSION
DETACHMENT
HUMAN BEHAVIOR
∞ INHIBITION
PSYCHOLOGY

INTRUDER AIRCRAFT

USE A-6 AIRCRAFT

INTRUSION

RT CONTAMINATION
EXTRUDING
LEAKAGE
SEEPAGE

INVADER AIRCRAFT

USE B-26 AIRCRAFT

INVALIDITY

USE ERRORS

INVARIANCE

GS INVARIANCE
GAUGE INVARIANCE
RT ∞ CONSTANT
LORENTZ TRANSFORMATIONS

INVARIANT IMBEDDINGS

GS GEOMETRY
TOPOLOGY
IMBEDDINGS (MATHEMATICS)
∞ INVARIANT IMBEDDINGS
RT ANISOTROPIC FLUIDS
CALCULUS OF VARIATIONS
CONFORMAL MAPPING
COORDINATE TRANSFORMATIONS
DIFFERENTIAL GEOMETRY
∞ IMBEDDINGS
ISOTROPIC TURBULENCE

INVENTIONS

RT PATENT APPLICATIONS
PATENT POLICY
PATENTS
PRODUCT DEVELOPMENT

INVENTORIES

GS INVENTORIES
CROP INVENTORIES
TIMBER INVENTORY
RT LARGE AREA CROP INVENTORY
EXPERIMENT
RESERVES
∞ STORAGE

INVENTORY CONTROLS

GS MANAGEMENT
INDUSTRIAL MANAGEMENT
INVENTORY MANAGEMENT
∞ INVENTORY CONTROLS
LOGISTICS MANAGEMENT
INVENTORY MANAGEMENT
∞ INVENTORY CONTROLS
RT ∞ CONTROL
DISTRIBUTING
MATHEMATICAL MODELS
OPTIMAL CONTROL
RESERVES
RISK
∞ STORAGE
TIME LAG

INVENTORY MANAGEMENT

GS MANAGEMENT

NASA THESAURUS (VOLUME 1)

INVENTORY MANAGEMENT-(CONT.)

INDUSTRIAL MANAGEMENT
∞ INVENTORY MANAGEMENT
INVENTORY CONTROLS
LOGISTICS MANAGEMENT
∞ INVENTORY MANAGEMENT
INVENTORY CONTROLS
RT DOWNTIME
LOGISTICS
PROCUREMENT MANAGEMENT
RESOURCES
RETIREMENT FOR CAUSE
SERVICES
SPARE PARTS
STOCKPILING
∞ STORAGE

INVERSE SCATTERING

GS SCATTERING
∞ INVERSE SCATTERING
RT FORWARD SCATTERING
RESONANCE SCATTERING

INVERSIONS

GS INVERSIONS
CENTRIFUGING STRESS
MAGNETIC FIELD INVERSIONS
POPULATION INVERSION
TEMPERATURE INVERSIONS

INVERTEBRATES

GS ANIMALS
∞ INVERTEBRATES
ARTHROPODS
ARTEMIA
CEPHALOPODS
MOLLUSKS
OCTOPUSES
SNAILS
CRABS
INSECTS
BEES
BOLL WEEVILS
CHIRONOMUS FLIES
COCKROACHES
COLEOPTERA
CRICKETS
BEETLES
TRIBOLIA
DROSOPHILA
FIREFLIES
GRASSHOPPERS
LARVAE
BOLLWORMS
SILKWORMS
LOCUSTS
MOTHS
SILKWORMS
PUPA
SPIDERS
PROTOZOA
FLAGELLATA
COLPIDIA
TRYPANOSOME
PARAMECIA
ROTIFERA
PELOMYXA
SEA URCHINS
SPORES
MICROSPORES
WORMS
FLATWORMS
RT BACTERIA
HEMOCYTES
MICROORGANISMS

INVERTED CONVERTERS (DC TO AC)

RT ALTERNATING CURRENT
∞ CONVERTERS
CURRENT CONVERTERS (AC TO DC)
DIRECT CURRENT
ELECTRIC CURRENT

INVERTERS

SN (EXCLUDES AC TO DC INVERTERS)
GS INVERTERS
STATIC INVERTERS
RT ATTENUATORS
OSCILLATORS

INVESTIGATION

UF STUDIES
GS INVESTIGATION
ACCIDENT INVESTIGATION
AIRCRAFT ACCIDENT INVESTIGATION

NASA THESAURUS (VOLUME 1)

INVESTIGATION-(CONT.)

- . INTERNATIONAL MAGNETOSPHERIC STUDY
- RT EXAMINATION
- EXPERIMENTATION
- EXPLORATION
- GEOPHYSICAL FLUID FLOW CELLS
- OSS-1 PAYLOAD
- PROGRAMS
- RESEARCH
- RESEARCH AND DEVELOPMENT
- SAMPLING
- UNIVERSITY PROGRAM

∞ INVESTMENT

- SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED-CONSULT THE TERMS LISTED BELOW)*
- RT COMMERCE
- INVESTMENT CASTING
- INVESTMENTS

INVESTMENT CASTING

- UF LOST WAX PROCESS
- GS FORMING TECHNIQUES
- . CASTING
- . INVESTMENT CASTING
- RT CENTRIFUGAL CASTING
- ∞ INVESTMENT

INVESTMENTS

- RT DEPRECIATION
- ECONOMIC IMPACT
- ECONOMICS
- FINANCE
- ∞ INVESTMENT

INVISCID FLOW

- UF NONVISCOUS FLOW
- GS FLUID FLOW
- . INVISCID FLOW
- . STAGNATION FLOW
- RT AERODYNAMICS
- CROCCO METHOD
- CROCCO-LEE THEORY
- FLOW CHARACTERISTICS
- GAS FLOW
- LAMINAR FLOW
- POTENTIAL FLOW
- PRANDTL NUMBER
- REYNOLDS NUMBER
- STAGNATION TEMPERATURE
- TURBULENT FLOW
- VISCOUS FLOW

INVISIBILITY

- USE VISIBILITY

INVOLUNTARINESS

- USE INVOLUNTARY ACTIONS

INVOLUNTARY ACTIONS

- UF INVOLUNTARINESS
- RT AUTONOMIC NERVOUS SYSTEM
- SNEEZING
- SPASMS
- TWITCHING

IO

- GS CELESTIAL BODIES
- . NATURAL SATELLITES
- . GALILEAN SATELLITES
- . . . IO
- RT CALLISTO
- CHARON
- GANYMEDE
- JUPITER (PLANET)

IODATES

- GS HALOGEN COMPOUNDS
- . IODINE COMPOUNDS
- . . IODATES
- . . . LITHIUM IODATES

IODIDES

- GS HALOGEN COMPOUNDS
- . IODINE COMPOUNDS
- . . IODIDES
- . . . CESIUM IODIDES
- . . . GALLAMINE TRIETHIODIDE
- . . . HAFNIUM IODIDES
- . . . NIOBIUM IODIDES
- . . . POTASSIUM IODIDES
- . . . SILVER IODIDES

IODIDES-(CONT.)

- . . . SODIUM IODIDES
- . . . ZIRCONIUM IODIDES

IODIMETRY

- GS CHEMICAL TESTS
- . CHEMICAL ANALYSIS
- . . IODIMETRY
- RT QUANTITATIVE ANALYSIS
- ∞ REDUCTION
- TITRATION

IODINE

- GS CHEMICAL ELEMENTS
- . HALOGENS
- . . IODINE
- . . . IODINE ISOTOPES
- . . . IODINE 125
- . . . IODINE 131
- . . . IODINE 132

IODINE COMPOUNDS

- GS HALOGEN COMPOUNDS
- . IODINE COMPOUNDS
- . . IODATES
- . . . LITHIUM IODATES
- . . IODIDES
- . . . CESIUM IODIDES
- . . . GALLAMINE TRIETHIODIDE
- . . . HAFNIUM IODIDES
- . . . NIOBIUM IODIDES
- . . . POTASSIUM IODIDES
- . . . SILVER IODIDES
- . . . SODIUM IODIDES
- . . . ZIRCONIUM IODIDES
- . . IODOACETIC ACID
- RT HALOCARBONS

IODINE ISOTOPES

- GS CHEMICAL ELEMENTS
- . HALOGENS
- . . IODINE
- . . . IODINE ISOTOPES
- . . . IODINE 125
- . . . IODINE 131
- . . . IODINE 132
- . . NUCLIDES
- . . ISOTOPES
- . . . IODINE ISOTOPES
- . . . IODINE 125
- . . . IODINE 131
- . . . IODINE 132

IODINE LASERS

- GS STIMULATED EMISSION DEVICES
- . LASERS
- . . IODINE LASERS

IODINE 125

- GS CHEMICAL ELEMENTS
- . HALOGENS
- . . IODINE
- . . . IODINE ISOTOPES
- . . . IODINE 125
- . . NUCLIDES
- . . ISOTOPES
- . . . IODINE ISOTOPES
- . . . IODINE 125
- . . . RADIOACTIVE ISOTOPES
- . . . IODINE 125

IODINE 131

- GS CHEMICAL ELEMENTS
- . HALOGENS
- . . IODINE
- . . . IODINE ISOTOPES
- . . . IODINE 131
- . . NUCLIDES
- . . ISOTOPES
- . . . IODINE ISOTOPES
- . . . IODINE 131
- . . . RADIOACTIVE ISOTOPES
- . . . IODINE 131

IODINE 132

- GS CHEMICAL ELEMENTS
- . HALOGENS
- . . IODINE
- . . . IODINE ISOTOPES
- . . . IODINE 132
- . . NUCLIDES
- . . ISOTOPES
- . . . IODINE ISOTOPES
- . . . IODINE 132
- . . . RADIOACTIVE ISOTOPES

ION DENSITY (CONCENTRATION)

IODINE 132-(CONT.)

- IODINE 132

IDOACETIC ACID

- GS ACIDS
- . FATTY ACIDS
- . . CARBOXYLIC ACIDS
- . . . ACETIC ACID
- IODOACETIC ACID
- ALIPHATIC COMPOUNDS
- . FATTY ACIDS
- . . ACETIC ACID
- . . . IODOACETIC ACID
- HALOGEN COMPOUNDS
- . IODINE COMPOUNDS
- . . IODOACETIC ACID
- LIPIDS
- . IODOACETIC ACID
- ORGANIC COMPOUNDS
- . FATTY ACIDS
- . . ACETIC ACID
- . . . IODOACETIC ACID

ION ACCELERATORS

- GS PARTICLE ACCELERATORS
- . ION ACCELERATORS
- RT SYNCHROTRONS

ION ACOUSTIC WAVES

- GS ELASTIC WAVES
- . SOUND WAVES
- . . ION ACOUSTIC WAVES
- RT PLASMA OSCILLATIONS
- PLASMA WAVES
- WAVE PROPAGATION

ION ATOM INTERACTIONS

- GS PARTICLE INTERACTIONS
- . ION ATOM INTERACTIONS
- RT CHARGE EXCHANGE
- ELEMENTARY PARTICLE INTERACTIONS
- ∞ INTERACTIONS

ION BEAMS

- GS BEAMS (RADIATION)
- . PARTICLE BEAMS
- . . ION BEAMS
- ION CURRENTS
- . ION BEAMS
- RT ATOMIC BEAMS
- BEAM INJECTION
- BEAM NEUTRALIZATION
- INERTIAL FUSION (REACTOR)
- MOLECULAR BEAMS

ION CHAMBERS

- USE IONIZATION CHAMBERS

ION CHARGE

- GS ELECTRIC CHARGE
- . ION CHARGE
- RT CHARGE EXCHANGE
- CHARGED PARTICLES
- IONIZATION
- VALENCE

ION CONCENTRATION

- RT ACIDITY
- ∞ BASES
- IONOSPHERE
- PH FACTOR
- TITRATION

ION CURRENTS

- UF IONIC CONDUCTIVITY
- GS ION CURRENTS
- . ION BEAMS
- RT SOLIONS

ION CYCLOTRON RADIATION

- GS PARTICLES
- . CORPUSCULAR RADIATION
- . . CYCLOTRON RADIATION
- . . . ION CYCLOTRON RADIATION
- RT CYCLOTRON RESONANCE
- IONIC WAVES
- MAGNETIC PUMPING
- PLASMA RADIATION
- PLASMA WAVES

ION DENSITY (CONCENTRATION)

- GS DENSITY (NUMBER/VOLUME)
- . PARTICLE DENSITY (CONCENTRATION)
- . . ION DENSITY (CONCENTRATION)

ION DISTRIBUTION

ION DENSITY (CONCENTRATION)-(CONT.)

... IONOSPHERIC ION DENSITY
... MAGNETOSPHERIC ION DENSITY
... MAGNETOSPHERIC PROTON DENSITY
... PROTON DENSITY (CONCENTRATION)
... MAGNETOSPHERIC PROTON DENSITY
RT ATMOSPHERIC DENSITY
ATOM CONCENTRATION
COSMIC RAYS
ELECTRON DENSITY (CONCENTRATION)
GERDIEN CONDENSERS
IONIZATION
IONOGRAMS
IONOSPHERE
PLASMA DENSITY
POSITIVE IONS
SAHA EQUATIONS
SPACE DENSITY

ION DISTRIBUTION

GS DISTRIBUTION (PROPERTY)
... ION DISTRIBUTION
RT CHARGE DISTRIBUTION
CURRENT DISTRIBUTION
ELECTROHYDRODYNAMICS
IONIC MOBILITY
SPATIAL DISTRIBUTION
VERTICAL DISTRIBUTION

ION EMISSION

GS DECAY
... EMISSION
... PARTICLE EMISSION
... ION EMISSION
RT IONIZATION
THERMIONIC EMISSION
THERMIONICS

ION ENGINES

UF IONIC PROPELLANTS
THERMIONIC REACTORS
GS ENGINES
... ROCKET ENGINES
... ELECTRIC ROCKET ENGINES
... ION ENGINES
... CESIUM ENGINES
... MERCURY ION ENGINES
... RIT ENGINES
RT ARC JET ENGINES
BEAM SWITCHING
ELECTROSTATIC ENGINES
ELECTROTHERMAL ENGINES
IONIZERS
NUCLEAR ROCKET ENGINES
PLASMA ENGINES
RESTARTABLE ROCKET ENGINES
SUSTAINER ROCKET ENGINES

ION EXCHANGE MEMBRANE ELECTROLYTES

GS CONDUCTORS
... ELECTROLYTES
... ION EXCHANGE MEMBRANE ELECTROLYTES
MEMBRANES
... ION EXCHANGE MEMBRANE ELECTROLYTES
RT FUEL CELLS
SEPARATORS

ION EXCHANGE RESINS

GS RESINS
... ION EXCHANGE RESINS
RT PLASTICS
ZEOLITES

ION EXCHANGING

GS EXCHANGING
... ION EXCHANGING
RT BEDS (PROCESS ENGINEERING)
CHARGE TRANSFER
DEMINERALIZING
GLASS ELECTRODES
HYDROMETALLURGY
ISOTOPE SEPARATION
KAOLINITE
METATHESIS
... SEPARATION
... SOFTENING
WATER TREATMENT

ION EXTRACTION

GS EXTRACTION

ION EXTRACTION-(CONT.)

RT ION EXTRACTION
ISOTOPE SEPARATION
... SEPARATION
SOLVENT EXTRACTION

ION GAGES

USE IONIZATION GAGES

ION IMPACT

GS IMPACT
... ION IMPACT
RT ELECTRON IMPACT
POINT IMPACT
RECOIL IONS
TOROIDS
TOWNSEND AVALANCHE
TOWNSEND DISCHARGE

ION IMPLANTATION

GS IMPLANTATION
... ION IMPLANTATION
RT AVALANCHE DIODES
CARRIER MOBILITY
DIODES
FIELD EFFECT TRANSISTORS
INTEGRATED CIRCUITS
IONS
JUNCTION TRANSISTORS
METAL IONS
METAL OXIDE SEMICONDUCTORS
MICROELECTRONICS
MOM (SEMICONDUCTORS)
PHOTODIODES
SEMICONDUCTOR DEVICES
TRANSISTORS

ION INJECTION

GS INJECTION
... ION INJECTION
RT CARRIER INJECTION
IONIC MOBILITY
PLASMA ACCELERATORS
PLASMA GENERATORS
PLASMA JETS

ION IRRADIATION

GS IRRADIATION
... ION IRRADIATION
... DEUTERON IRRADIATION
... PROTON IRRADIATION
RT AUROREAL IRRADIATION
ELECTRON IRRADIATION
IONIC COLLISIONS
NEUTRON IRRADIATION

ION MICROSCOPES

GS MICROSCOPES
... ION MICROSCOPES
RT ELECTRON MICROSCOPES
ELECTRON MICROSCOPY

ION MOTION

RT IONIC WAVES
... MOTION
... PENNING DISCHARGE
PLASMA COMPOSITION
PLASMA DIFFUSION

ION OSCILLATION

USE PLASMA OSCILLATIONS

ION PLATING

GS PLATING
... ION PLATING
RT IONS
METAL COATINGS
METAL IONS
SPUTTERING
THIN FILMS
VACUUM DEPOSITION

ION PROBES

GS MEASURING INSTRUMENTS
... ION PROBES
RT IONOSONDES
RADIO FREQUENCY IMPEDANCE PROBES

ION PRODUCTION RATES

GS IONIZATION
... ION PRODUCTION RATES
RATES (PER TIME)
... ION PRODUCTION RATES

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ION PRODUCTION RATES-(CONT.)

RT AVALANCHES
CHARGE EXCHANGE
RECOIL IONS
THERMIONIC CONVERTERS

ION PROPULSION

GS PROPULSION
... ELECTRIC PROPULSION
... ELECTROSTATIC PROPULSION
... ION PROPULSION
... LOW THRUST PROPULSION
... ELECTROSTATIC PROPULSION
... ION PROPULSION
... SPACECRAFT PROPULSION
... ELECTROSTATIC PROPULSION
... ION PROPULSION
RT DUOPLASMATRONS
ELECTROMAGNETIC PROPULSION
HIGH TEMPERATURE PROPELLANTS
NUCLEAR ELECTRIC PROPULSION
PLASMA PROPULSION
VON ARDENNE DUOPLASMATRONS

ION PUMPS

GS PUMPS
... VACUUM PUMPS
... ION PUMPS
VACUUM APPARATUS
... VACUUM PUMPS
... ION PUMPS
RT GETTERS

ION RECOMBINATION

GS CHEMICAL REACTIONS
... ION RECOMBINATION
RECOMBINATION REACTIONS
... ION RECOMBINATION
RT ATOMIC RECOMBINATION
DEIONIZATION
ELECTRON RECOMBINATION
ELECTRON-ION RECOMBINATION
RECOMBINATION COEFFICIENT

ION SCATTERING

GS SCATTERING
... ION SCATTERING
RT ELECTRON SCATTERING
IONIC COLLISIONS
IONIC DIFFUSION
PROTON SCATTERING
RECOIL IONS

ION SELECTIVE ELECTRODES

GS ELECTRODES
... ION SELECTIVE ELECTRODES
RT CHEMICAL ANALYSIS

ION SHEATHS

GS SHEATHS
... ION SHEATHS
RT PLASMA CLOUDS
PLASMA PROBES
PLASMA SHEATHS

ION SOURCES

GS ION SOURCES
... PLASMATRONS
... DUOPLASMATRONS
... VON ARDENNE DUOPLASMATRONS
RT ELECTRON SOURCES
IONIZATION
IONIZING RADIATION
LINEAR ACCELERATORS
PARTICLE ACCELERATORS
PLASMA GENERATORS
RADIATION SOURCES
... SOURCES
... SPUTTERING

ION STORAGE

RT FREQUENCY STANDARDS
... STORAGE
... TRAPPING

ION STRIPPING

RT HEAVY IONS
PARTICLE BEAMS
PARTICLE DENSITY (CONCENTRATION)
PARTICLES
... SEPARATION
... STRIPPING

ION TEMPERATURE

GS TEMPERATURE
 . ION TEMPERATURE
 RT AURORAL TEMPERATURE
 IONOSPHERIC TEMPERATURE
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 SPECIFIC HEAT

ION TRAPS (INSTRUMENTATION)

GS MEASURING INSTRUMENTS
 . ION TRAPS (INSTRUMENTATION)
 TRAPS
 . ION TRAPS (INSTRUMENTATION)
 RT RADIATION COUNTERS
 VAPOR TRAPS

ION-GAS INTERACTIONS

USE GAS-ION INTERACTIONS

IONIC COLLISIONS

GS COLLISIONS
 . IONIC COLLISIONS
 RT ATOMIC COLLISIONS
 ION IRRADIATION
 ION SCATTERING
 RECOIL IONS

IONIC CONDUCTIVITY

USE ION CURRENTS

IONIC CRYSTALS

GS CRYSTALS
 . IONIC CRYSTALS
 RT CHEMICAL BONDS
 CRYSTAL LATTICES
 EXCITONS
 POLARONS

IONIC DIFFUSION

GS DIFFUSION
 . PARTICLE DIFFUSION
 . . IONIC DIFFUSION
 RT AMBIPOLAR DIFFUSION
 DIFFUSION WAVES
 ELECTRON DIFFUSION
 ION SCATTERING
 PLASMA DIFFUSION
 SELF DIFFUSION (SOLID STATE)

IONIC MOBILITY

GS MOBILITY
 . IONIC MOBILITY
 TRANSPORT PROPERTIES
 . IONIC MOBILITY
 RT AMBIPOLAR DIFFUSION
 ANIONS
 ATOMIC MOBILITIES
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 ELECTROHYDRODYNAMICS
 ELECTROLYSIS
 ELECTROLYTIC CELLS
 ELECTROMIGRATION
 ION DISTRIBUTION
 ION INJECTION
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 ∞ MOTION
 NDM SEMICONDUCTOR DEVICES
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IONIC PROPELLANTS

USE ION ENGINES

IONIC REACTIONS

RT CHARGE TRANSFER
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IONIC WAVES

GS ELASTIC WAVES
 . IONIC WAVES
 RT COLLISIONLESS PLASMAS
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 ION CYCLOTRON RADIATION
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 IONOSPHERIC PROPAGATION
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IONIZATION

UF ELECTRON IONIZATION
 GS IONIZATION
 . AUTOIONIZATION

IONIZATION-(CONT.)

. GAS IONIZATION
 . . ATMOSPHERIC IONIZATION
 . . . AURORAL IONIZATION
 . . . FLAME IONIZATION
 . ION PRODUCTION RATES
 . NONEQUILIBRIUM IONIZATION
 . PHOTOIONIZATION
 . SURFACE IONIZATION

RT

ATOMIC COLLISIONS
 ATOMIC EXCITATIONS
 CORONAS
 DISINTEGRATION
 DISSOCIATION
 ELECTRIC ARCS
 ELECTRIC CORONA
 ELECTRIC DISCHARGES
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 ELECTRON ATTACHMENT
 EXCITATION
 ION CHARGE
 ION DENSITY (CONCENTRATION)
 ION EMISSION
 ION SOURCES
 IONOSPHERIC COMPOSITION
 MAGNETOHYDRODYNAMICS
 MOLECULAR EXCITATION
 OXYGEN RECOMBINATION
 SCHWARZSCHILD METRIC
 STELLAR CORONAS
 THERMAL DISSOCIATION

IONIZATION CHAMBERS

UF

ION CHAMBERS

GS

IONIZATION COUNTERS
IONIZATION CHAMBERS

. BUBBLE CHAMBERS
 . CLOUD CHAMBERS
 . GEIGER COUNTERS
 . PROPORTIONAL COUNTERS
 . SPARK CHAMBERS

RT

∞ CHAMBERS
 COUNTERS
 DOSIMETERS
 ELECTRON COUNTERS
 IONIZERS
 NEUTRON COUNTERS
 RADIATION COUNTERS
 RADIATION MEASURING INSTRUMENTS
 THRESHOLD DETECTORS (DOSIMETERS)

IONIZATION COEFFICIENTS

GS

COEFFICIENTS
 . IONIZATION COEFFICIENTS

IONIZATION COUNTERS

USE

IONIZATION CHAMBERS
 RADIATION COUNTERS

IONIZATION CROSS SECTIONS

RT

ABSORPTION CROSS SECTIONS
 ∞ CROSS SECTIONS
 NONADIABATIC THEORY
 SCATTERING CROSS SECTIONS

IONIZATION FREQUENCIES

GS

FREQUENCIES
 . IONIZATION FREQUENCIES

IONIZATION GAGES

UF

ION GAGES

GS

MEASURING INSTRUMENTS
 . PRESSURE GAGES
 . . VACUUM GAGES
 . . . IONIZATION GAGES
 ALPHATRONS
 BAYARD-ALPERT IONIZATION
 GAGES
 PENNING GAGES
 PHILIPS IONIZATION GAGES
 VACUUM APPARATUS
 . VACUUM GAGES
 . . IONIZATION GAGES
 . . . ALPHATRONS
 . . . BAYARD-ALPERT IONIZATION
 GAGES
 . . . PENNING GAGES
 . . . PHILIPS IONIZATION GAGES
 RT HOT CATHODES
 KNUDSEN GAGES
 MCLEOD GAGES
 ORBITRONS
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 PRESSURE MEASUREMENT

IONIZATION POTENTIALS

GS

POTENTIAL ENERGY
 . IONIZATION POTENTIALS
 RT ACTIVATION
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 NUCLEAR BINDING ENERGY
 ∞ POTENTIAL
 SAHA EQUATIONS
 WORK FUNCTIONS

IONIZED GASES

GS

GASES
 . IONIZED GASES
 . . CHARGED PARTICLES
 . . . ARGON PLASMA
 . . . BOUNDARY LAYER PLASMAS
 . . . COLD PLASMAS
 . . . COLLISIONAL PLASMAS
 STRONGLY COUPLED PLASMAS
 . . . COLLISIONLESS PLASMAS
 . . . CONDUCTION ELECTRONS
 . . . DENSE PLASMAS
 STRONGLY COUPLED PLASMAS
 . . . ELECTRON PLASMA
 . . . ELLIPTICAL PLASMAS
 . . . HELIUM PLASMA
 . . . HIGH TEMPERATURE PLASMAS
 . . . LASER PLASMAS
 . . . METALLIC PLASMAS
 . . . CESIUM PLASMA
 . . . MICROPLASMAS
 . . . NITROGEN PLASMA
 . . . NUCLEI (NUCLEAR PHYSICS)
 EVEN-EVEN NUCLEI
 HEAVY NUCLEI
 HYPERNUCLEI
 ODD-EVEN NUCLEI
 ODD-ODD NUCLEI
 . . . RAREFIED PLASMAS
 . . . RELATIVISTIC PLASMAS
 . . . ROTATING PLASMAS
 . . . SOLAR WIND
 . . . STELLAR WINDS
 . . . THERMAL PLASMAS
 RT COSMIC GASES
 ELECTRON GAS
 FOKKER-PLANCK EQUATION
 GAS IONIZATION
 GAS TEMPERATURE
 HIGH TEMPERATURE GASES
 LORENTZ GAS
 PLASMA COOLING
 RECOMBINATION COEFFICIENT

IONIZED PLASMAS

USE

PLASMAS (PHYSICS)

IONIZERS

RT

∞ FILAMENTS
 GAS IONIZATION
 ∞ GRIDS
 ION ENGINES
 IONIZATION CHAMBERS
 SURFACE IONIZATION
 TUBE GRIDS

IONIZING RADIATION

GS

IONIZING RADIATION
 . ALPHA PARTICLES
 . BETA PARTICLES
 . COSMIC RAYS
 . . COSMIC RAY SHOWERS
 . . GAMMA RAY BURSTS
 . . . PRIMARY COSMIC RAYS
 . . . SOLAR COSMIC RAYS
 . . . SECONDARY COSMIC RAYS
 . GAMMA RAY BEAMS
 . GAMMA RAYS
 . . GAMMA RAY BURSTS
 . . ULTRAVIOLET RADIATION
 . . . EXTREME ULTRAVIOLET RADIATION
 . . . FAR ULTRAVIOLET RADIATION
 . . . LYMAN ALPHA RADIATION
 . . . LYMAN BETA RADIATION
 . . . NEAR ULTRAVIOLET RADIATION
 . X RAYS
 . . COSMIC X RAYS
 . . . SOLAR X-RAYS
 RT ABSORPTION SPECTRA
 AVALANCHES
 BEAMS (RADIATION)
 COHERENT ELECTROMAGNETIC
 RADIATION
 CORPUSCULAR RADIATION
 ELECTROMAGNETIC RADIATION

IONOGRAMS

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IONIZING RADIATION-(CONT.)

ELECTRON BEAMS
ELEMENTARY PARTICLES
EMISSION
FLUENCE
GAMMA RAY ABSORPTION
GAMMA RAY SPECTRA
ION SOURCES
IRRADIATION
LINEAR ENERGY TRANSFER (LET)
MONOCHROMATIC RADIATION
NUCLEAR RADIATION
PARTICLE TRAJECTORIES
∞ RADIATION
RADIATION BELTS
RADIATION COUNTERS
RADIATION DAMAGE
RADIATION HAZARDS
RADIOACTIVE MATERIALS
RADIOACTIVITY
RADIOCHEMISTRY
RELATIVISTIC ELECTRON BEAMS
SOLAR RADIATION
STERILIZATION
SYSTEM GENERATED
ELECTROMAGNETIC PULSES

IONOGRAMS

RT ION DENSITY (CONCENTRATION)
IONOSONDES
RIOMETERS

IONOSONDES

GS MEASURING INSTRUMENTS
METEOROLOGICAL INSTRUMENTS
RADIOSONDES
IONOSONDES
SONDES
RADIOSONDES
IONOSONDES
RADIO EQUIPMENT
RADIO TRANSMITTERS
RADIOSONDES
IONOSONDES
TRANSMITTERS
RADIO TRANSMITTERS
RADIOSONDES
IONOSONDES
RT ION PROBES
IONOGRAMS
IONOSPHERIC SOUNDING
RIOMETERS
SATELLITE SOUNDING
SOUNDING ROCKETS

IONOSPHERE

GS EARTH ATMOSPHERE
UPPER ATMOSPHERE
IONOSPHERE
E REGION
E-1 LAYER
E-2 LAYER
E-3 LAYER
SPORADIC E LAYER
LOWER IONOSPHERE
D REGION
UPPER IONOSPHERE
F REGION
F 1 REGION
F 2 REGION
ENVIRONMENTS
IONOSPHERE
LOWER IONOSPHERE
RT ATMOSPHERIC IONIZATION
CHEMOSPHERE
ELECTROJETS
EXOSPHERE
HETEROSPHERE
HOMOSPHERE
INTASAT SATELLITE
ION CONCENTRATION
ION DENSITY (CONCENTRATION)
IONOSPHERIC PROPAGATION
IONOSPHERIC STORMS
∞ LAYERS
MAGNETOSPHERE
MESOSPHERE
MIDLATITUDE ATMOSPHERE
REGIONS
SATELLITE ATMOSPHERES
SHEAR LAYERS
THERMOSPHERE

IONOSPHERE EXPLORER A

USE EXPLORER 20 SATELLITE

IONOSPHERIC ABSORPTION

USE ELECTROMAGNETIC ABSORPTION
IONOSPHERIC PROPAGATION

IONOSPHERIC BLACKOUT

USE BLACKOUT (PROPAGATION)

IONOSPHERIC COMPOSITION

GS COMPOSITION (PROPERTY)
ATMOSPHERIC COMPOSITION
IONOSPHERIC COMPOSITION
RT ATOM CONCENTRATION
CHEMICAL COMPOSITION
GAS COMPOSITION
IONIZATION
PARTICLE DENSITY (CONCENTRATION)
PLASMA COMPOSITION
SATELLITE ATMOSPHERES

IONOSPHERIC CONDUCTIVITY

GS TRANSPORT PROPERTIES
ATMOSPHERIC CONDUCTIVITY
IONOSPHERIC CONDUCTIVITY
ELECTRICAL RESISTIVITY
IONOSPHERIC CONDUCTIVITY
RT ∞ CONDUCTIVITY
ELECTROJETS
IONIC WAVES
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IONOSPHERIC CROSS MODULATION

GS ELECTROMAGNETIC INTERFERENCE
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IONOSPHERIC CROSS MODULATION
RADIO FREQUENCY INTERFERENCE
BLACKOUT (PROPAGATION)
IONOSPHERIC CROSS MODULATION
MODULATION
RT IONOSPHERIC CROSS MODULATION
LUXEMBOURG EFFECT

IONOSPHERIC CURRENTS

GS ELECTRIC CURRENT
IONOSPHERIC CURRENTS
ELECTROJETS
AURORAL ELECTROJETS
EQUATORIAL ELECTROJET
ELECTRICITY
ATMOSPHERIC ELECTRICITY
IONOSPHERIC CURRENTS
ELECTROJETS
AURORAL ELECTROJETS
EQUATORIAL ELECTROJET
RT PLASMA CURRENTS
TRAVELING IONOSPHERIC
DISTURBANCES

IONOSPHERIC DISTURBANCES

GS IONOSPHERIC DISTURBANCES
IONOSPHERIC STORMS
SUDDEN IONOSPHERIC
DISTURBANCES
TRAVELING IONOSPHERIC
DISTURBANCES
RT BLACKOUT (PROPAGATION)
∞ DISTURBANCES
MAGNETIC VARIATIONS

IONOSPHERIC DRIFT

RT ∞ DRIFT
DRIFT RATE
ELECTROJETS
MAGNETIC RIGIDITY
POLARIZATION (CHARGE SEPARATION)
RADIATION BELTS

IONOSPHERIC ELECTRON DENSITY

GS DENSITY (NUMBER/VOLUME)
PARTICLE DENSITY (CONCENTRATION)
ELECTRON DENSITY
(CONCENTRATION)
IONOSPHERIC ELECTRON DENSITY
RT ARIEL 4 SATELLITE
MAGNETOSPHERIC ELECTRON DENSITY

IONOSPHERIC F-SCATTER PROPAGATION

GS SCATTERING
WAVE SCATTERING
ELECTROMAGNETIC SCATTERING
IONOSPHERIC F-SCATTER
PROPAGATION
TRANSMISSION
ELECTROMAGNETIC WAVE
TRANSMISSION

IONOSPHERIC F-SCATTER-(CONT.)

RADIO TRANSMISSION
IONOSPHERIC PROPAGATION
IONOSPHERIC F-SCATTER
PROPAGATION
SCATTER PROPAGATION
IONOSPHERIC F-SCATTER
PROPAGATION
SIGNAL TRANSMISSION
RADIO TRANSMISSION
IONOSPHERIC PROPAGATION
IONOSPHERIC F-SCATTER
PROPAGATION
WAVE PROPAGATION
IONOSPHERIC PROPAGATION
IONOSPHERIC F-SCATTER
PROPAGATION
SCATTER PROPAGATION
IONOSPHERIC F-SCATTER
PROPAGATION

IONOSPHERIC HEATING

GS HEATING
IONOSPHERIC HEATING
RT ATMOSPHERIC RADIATION
PLASMA HEATING

IONOSPHERIC ION DENSITY

GS DENSITY (NUMBER/VOLUME)
PARTICLE DENSITY (CONCENTRATION)
ION DENSITY (CONCENTRATION)
IONOSPHERIC ION DENSITY
RT MAGNETOSPHERIC ION DENSITY
POSITIVE IONS

IONOSPHERIC NOISE

GS ATMOSPHERIC RADIATION
IONOSPHERIC NOISE
WHISTLERS
ELECTROMAGNETIC INTERFERENCE
RADIO FREQUENCY INTERFERENCE
BLACKOUT (PROPAGATION)
ELECTROMAGNETIC NOISE
IONOSPHERIC NOISE
WHISTLERS
RT BACKGROUND NOISE
BACKGROUND RADIATION
RIOMETERS
SKY WAVES

IONOSPHERIC PROPAGATION

UF IONOSPHERIC ABSORPTION
IONOSPHERIC REFLECTION
GS TRANSMISSION
ELECTROMAGNETIC WAVE
TRANSMISSION
RADIO TRANSMISSION
IONOSPHERIC PROPAGATION
IONOSPHERIC F-SCATTER
PROPAGATION
SIGNAL TRANSMISSION
RADIO TRANSMISSION
IONOSPHERIC PROPAGATION
IONOSPHERIC F-SCATTER
PROPAGATION
WAVE PROPAGATION
IONOSPHERIC PROPAGATION
IONOSPHERIC F-SCATTER
PROPAGATION
RT EISCAT RADAR SYSTEM (EUROPE)
IONIC WAVES
IONOSPHERE
LOSSY MEDIA
LUXEMBOURG EFFECT
MAGNETOIONICS
ORBIS
ORBIS CAL SATELLITE
POLAR RADIO BLACKOUT
RIOMETERS
SCATTER PROPAGATION
TRAVELING IONOSPHERIC
DISTURBANCES

IONOSPHERIC REFLECTION

USE IONOSPHERIC PROPAGATION

IONOSPHERIC SOUNDING

GS SOUNDING
IONOSPHERIC SOUNDING
RT ALOUETTE 2 SATELLITE
ARIEL 4 SATELLITE
ATMOSPHERIC SOUNDING
IONOSONDES
ORBIS
ORBIS CAL SATELLITE

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IONOSPHERIC SOUNDING-(CONT.)

ROCKET SOUNDING
SATELLITE SOUNDING

IONOSPHERIC STORMS

GS IONOSPHERIC DISTURBANCES
.. IONOSPHERIC STORMS
.. SUDDEN IONOSPHERIC DISTURBANCES
STORMS
.. IONOSPHERIC STORMS
.. SUDDEN IONOSPHERIC DISTURBANCES
RT ∞ DISTURBANCES
IONOSPHERE
IONOSPHERICS
NOISE STORMS
SOLAR STORMS
SPREAD F
TRAVELING IONOSPHERIC DISTURBANCES

IONOSPHERIC TEMPERATURE

GS TEMPERATURE
.. ATMOSPHERIC TEMPERATURE
.. IONOSPHERIC TEMPERATURE
RT AURORAL TEMPERATURE
ELECTRON ENERGY
ION TEMPERATURE

IONOSPHERIC TILTS

RT TRAVELING IONOSPHERIC DISTURBANCES

IONOSPHERICS

GS ELECTROMAGNETIC INTERFERENCE
.. RADIO FREQUENCY INTERFERENCE
.. BLACKOUT (PROPAGATION)
.. ELECTROMAGNETIC NOISE
.. .. ATMOSPHERICS
.. .. IONOSPHERICS
.. .. DAWN CHORUS
.. .. HISS
RT IONOSPHERIC STORMS
RADIO AURORAS

IONS

GS IONS
.. ANIONS
.. ANTIPROTONS
.. CATIONS
.. METAL IONS
.. .. FERRIC IONS
.. .. MANGANESE IONS
.. .. VANADYL RADICAL
.. CESIUM ION
.. DEUTERONS
.. HEAVY IONS
.. HELIUM IONS
.. HYDROGEN IONS
.. HYDRONIUM IONS
.. LIGHT IONS
.. MOLECULAR IONS
.. NEGATIVE IONS
.. NITROGEN IONS
.. OXYGEN IONS
.. POSITIVE IONS
.. PROTONS
.. .. SOLAR PROTONS
.. RECOIL IONS
.. TRITONS
.. TRIVALENT IONS
RT ALPHA PARTICLES
ATOMS
CHEMICAL ELEMENTS
CORPUSCULAR RADIATION
ELECTROLYTES
FREE RADICALS
HYDROXYL RADICALS
ION IMPLANTATION
ION PLATING
IONIC MOBILITY
MOLECULES
MONATOMIC MOLECULES
NUCLEI (NUCLEAR PHYSICS)
PLASMAS (PHYSICS)
POLYATOMIC MOLECULES
VALENCE

IOWA

GS UNITED STATES OF AMERICA
.. IOWA
RT CEDAR RAPIDS (IA)
MISSOURI RIVER (US)

IP (IMPACT PREDICTION)

USE COMPUTERIZED SIMULATION

IPAD

UF INTEG-PROGRAM FOR AEROSPACE VEH
DESIGN
GS COMPUTER TECHNIQUES
.. IPAD
.. COMPUTERIZED DESIGN
.. IPAD
.. SPACECRAFT DESIGN
.. IPAD

IQSY (INTERNATIONAL YEAR)

USE INTERNATIONAL QUIET SUN YEAR

IRAN

RT ASIA
NATIONS

IRAQ

RT ASIA
NATIONS

IRAS

USE INFRARED ASTRONOMY SATELLITE

IRASERS

USE INFRARED LASERS

IRBM (MISSILES)

USE INTERMEDIATE RANGE BALLISTIC MISSILES

IRELAND

GS LANDFORMS
.. ISLANDS
.. .. IRELAND
RT NATIONS

IRIDESCENCE

GS ELECTROMAGNETIC PROPERTIES
.. OPTICAL PROPERTIES
.. COLOR
.. .. IRIDESCENCE
RT OPALESCENCE

IRIDIUM

GS CHEMICAL ELEMENTS
.. REFRACTORY METALS
.. .. IRIIDIUM
.. .. IRIIDIUM ISOTOPES
.. METALS
.. .. TRANSITION METALS
.. .. REFRACTORY METALS
.. .. IRIIDIUM
.. .. IRIIDIUM ISOTOPES
.. REFRACTORY MATERIALS
.. REFRACTORY METALS
.. .. IRIIDIUM
.. .. IRIIDIUM ISOTOPES

IRIDIUM ISOTOPES

GS CHEMICAL ELEMENTS
.. NUCLIDES
.. ISOTOPES
.. .. IRIIDIUM ISOTOPES
.. REFRACTORY METALS
.. IRIIDIUM
.. .. IRIIDIUM ISOTOPES
.. METALS
.. .. TRANSITION METALS
.. .. REFRACTORY METALS
.. .. IRIIDIUM
.. .. IRIIDIUM ISOTOPES
.. REFRACTORY MATERIALS
.. REFRACTORY METALS
.. IRIIDIUM
.. .. IRIIDIUM ISOTOPES

IRIS SATELLITES

GS SATELLITES
.. ARTIFICIAL SATELLITES
.. .. IRIS SATELLITES
.. .. EARTH SATELLITES
.. .. IRIS SATELLITES
RT EUROPEAN SPACE PROGRAMS
SATELLITE OBSERVATION
SOLAR ACTIVITY
SOLAR CYCLES
SOLAR ENERGY
SOLAR FLARES
SOLAR RADIATION
SOLAR SENSORS

IRISES (MECHANICAL APERTURES)

GS OPENINGS

IRON COMPOUNDS

IRISES (MECHANICAL APERTURES)-(CONT.)

.. APERTURES
RT .. IRISES (MECHANICAL APERTURES)
CAMERA SHUTTERS
WAVEGUIDE WINDOWS
WAVEGUIDES

IRON

GS CHEMICAL ELEMENTS
.. IRON
.. .. IRON ISOTOPES
.. .. IRON 57
.. .. IRON 58
.. .. IRON 59
.. METALS
.. .. TRANSITION METALS
.. .. IRON
.. .. IRON ISOTOPES
.. .. IRON 57
.. .. IRON 58
.. .. IRON 59
RT FERROUS METALS
HYDROGEN EMBRITTEMENT
LOW CARBON STEELS

IRON ALLOYS

UF FERROALLOYS
GS ALLOYS
.. IRON ALLOYS
.. .. STEELS
.. .. BAINITIC STEEL
.. .. CARBON STEELS
.. .. LOW CARBON STEELS
.. .. CHROMIUM STEELS
.. .. CROLOY
.. .. HIGH STRENGTH STEELS
.. .. MARAGING STEELS
.. .. NICKEL STEELS
.. .. STAINLESS STEELS
.. .. AUSTENITIC STAINLESS STEELS
.. .. FERRITIC STAINLESS STEELS
.. .. MARTENSITIC STAINLESS STEELS
RT AUSTENITE
BAINITE
BEARING ALLOYS
CEMENTITE
FERRITES
HASTELLOY (TRADEMARK)
INCONEL (TRADEMARK)
KAMACITE
MARTENSITE
NIMONIC ALLOYS
PEARLITE
PERMALLOYS (TRADEMARK)
ZIRCALOYS (TRADEMARK)

IRON CHLORIDES

GS HALOGEN COMPOUNDS
.. CHLORINE COMPOUNDS
.. CHLORIDES
.. .. IRON CHLORIDES
.. HALIDES
.. CHLORIDES
.. .. IRON CHLORIDES
.. METAL HALIDES
.. .. IRON CHLORIDES
IRON COMPOUNDS
.. IRON CHLORIDES

IRON COMPOUNDS

GS IRON COMPOUNDS
.. COHENITE
.. CORDIERITE
.. FAYALITE
.. FERRATES
.. .. BARIUM FERRATES
.. FERRITES
.. FERROCENES
.. ALKYLFERROCENE
.. IRON CHLORIDES
.. IRON CYANIDES
.. IRON OXIDES
.. CHROMITES
.. HEMATITE
.. ILMENITE
.. MAGNETITE
.. LIMONITE
.. PYRITES
.. PYRRHOTITE
.. TROILITE
.. SCHREIBERSITE
.. SIDERITES
RT ∞ CHEMICAL COMPOUNDS
∞ GROUP 8 COMPOUNDS
∞ METAL COMPOUNDS

IRON CYANIDES

IRON CYANIDES

GS CYANIDES
 . IRON CYANIDES
 IRON COMPOUNDS
 . IRON CYANIDES

IRON ISOTOPES

GS CHEMICAL ELEMENTS
 . IRON
 . . IRON ISOTOPES
 . . . IRON 57
 . . . IRON 58
 . . . IRON 59
 . . . NUCLIDES
 . . . ISOTOPES
 . . . IRON ISOTOPES
 IRON 57
 IRON 58
 IRON 59
 METALS
 . TRANSITION METALS
 . IRON
 . . IRON ISOTOPES
 IRON 57
 IRON 58
 IRON 59
 RT FERROUS METALS

IRON METEORITES

UF SIDERITE METEORITES
 GS CELESTIAL BODIES
 . METEORITES
 . . IRON METEORITES
 . . . AROOS METEORITE
 . . . ODESSA METEORITE
 . . . SIKHOTE-LIN METEORITE
 . . . WASHINGTON COUNTY METEORITE
 RT ACHONDRITES
 HARLETON METEORITE
 KAMACITE
 LAZAREV METEORITE
 METEORITIC COMPOSITION
 METEORITIC MICROSTRUCTURES
 OKHANSK METEORITE
 SCHREIBERSITE
 STONY METEORITES
 TROILITE
 WIDMANSTATTEN STRUCTURE

IRON ORES

GS MINERALS
 . IRON ORES
 . . HEMATITE

IRON OXIDES

GS CHALCOGENIDES
 . OXIDES
 . . METAL OXIDES
 . . . IRON OXIDES
 CHROMITES
 HEMATITE
 ILMENITE
 MAGNETITE
 IRON COMPOUNDS
 . IRON OXIDES
 . . CHROMITES
 . . HEMATITE
 . . ILMENITE
 . . MAGNETITE

IRON 57

GS CHEMICAL ELEMENTS
 . IRON
 . . IRON ISOTOPES
 . . . IRON 57
 . . . NUCLIDES
 . . . ISOTOPES
 . . . IRON ISOTOPES
 IRON 57
 METALS
 . TRANSITION METALS
 . IRON
 . . IRON ISOTOPES
 . . . IRON 57

IRON 58

GS CHEMICAL ELEMENTS
 . IRON
 . . IRON ISOTOPES
 . . . IRON 58
 . . . NUCLIDES
 . . . ISOTOPES
 . . . IRON ISOTOPES
 IRON 58
 METALS

IRON 58-(CONT.)

. TRANSITION METALS
 . . IRON
 . . . IRON ISOTOPES
 IRON 58

IRON 59

GS CHEMICAL ELEMENTS
 . IRON
 . . IRON ISOTOPES
 . . . IRON 59
 . . . NUCLIDES
 . . . ISOTOPES
 . . . IRON ISOTOPES
 IRON 59
 RADIOACTIVE ISOTOPES
 IRON 59
 METALS
 . TRANSITION METALS
 . IRON
 . . IRON ISOTOPES
 . . . IRON 59

IROQUOIS HELICOPTER

USE UH-1 HELICOPTER

IRRADIANCE

SN (DETECTION RATE PER UNIT AREA OF RADIATION)
 GS RATES (PER TIME)
 . FLUX DENSITY
 . . RADIANT FLUX DENSITY
 . . . IRRADIANCE
 ILLUMINANCE
 SOLAR CONSTANT
 RT ELECTRON FLUX DENSITY
 LUMINANCE
 LUMINOUS INTENSITY
 NEUTRON FLUX DENSITY
 PROTON FLUX DENSITY
 RADIANCE
 SOLAR FLUX DENSITY

IRRADIATION

GS IRRADIATION
 . AURORAL IRRADIATION
 . ELECTRON IRRADIATION
 . ION IRRADIATION
 . . DEUTERON IRRADIATION
 . . PROTON IRRADIATION
 . . NEUTRON IRRADIATION
 . . X RAY IRRADIATION
 RT ACTIVATION
 BEAMS (RADIATION)
 . BOMBARDMENT
 . DOSIMETERS
 . ELECTROMAGNETIC ABSORPTION
 . ELECTRON PROBES
 . EMISSION
 . EXCITATION
 . EXPOSURE
 . FLUX DENSITY
 . IONIZING RADIATION
 . NUCLEAR CAPTURE
 . NUCLEAR FUSION
 . NUCLEAR RADIATION
 . PRESERVING
 . RADIATION
 . RADIATION DOSAGE
 . RADIATION EFFECTS
 . RADIATION MEASUREMENT
 . RADIATION TOLERANCE
 . RADIOBIOLOGY
 . RADIOGRAPHY
 . TARGETS

IRRATIONALITY

RT DISORIENTATION
 DITHERS
 MENTAL PERFORMANCE
 PREJUDICES
 PSYCHOSES
 SCHIZOPHRENIA

IRREGULARITIES

RT ABNORMALITIES
 DEFECTS
 DEVIATION
 NONUNIFORMITY

IRREVERSIBLE PROCESSES

RT NONEQUILIBRIUM THERMODYNAMICS
 ONSAGER RELATIONSHIP
 REACTION KINETICS
 THERMODYNAMICS

NASA THESAURUS (VOLUME 1)

IRREVERSIBLE PROCESSES-(CONT.)

THERMOVISCOELASTICITY
 VARIATIONAL PRINCIPLES

IRRIGATION

RT AGRICULTURE
 ALFALFA
 BARLEY
 CANALS
 CITRUS TREES
 CORN
 CROP VIGOR
 DITCHES
 DRAINAGE
 DRAINAGE PATTERNS
 FARM CROPS
 FARMLANDS
 OATS
 ORCHARDS
 PONDS
 SEEPAGE
 SUGAR BEETS
 SUGAR CANE
 TROUGHS
 VEGETATION GROWTH
 VINEYARDS
 WATER CONSUMPTION

IRRITATION

GS IRRITATION
 . TOXICITY AND SAFETY HAZARD
 RT . REACTION

IRROTATIONAL FLOW

USE POTENTIAL FLOW

ISAGEX

USE INTERNATIONAL SATELLITE GEODESY
 EXPERIMENT

ISCHEMIA

GS CIRCULATION
 . BLOOD CIRCULATION
 . . ISCHEMIA
 RT CONGESTION
 VASOCONSTRICTION

ISEE

USE INTERNATIONAL SUN EARTH
 EXPLORERS

ISEE A

USE INTERNATIONAL SUN EARTH EXPLORER
 1

ISEE B

USE INTERNATIONAL SUN EARTH EXPLORER
 2

ISEE C

USE INTERNATIONAL SUN EARTH EXPLORER
 3

ISEE 1

USE INTERNATIONAL SUN EARTH EXPLORER
 1

ISEE 2

USE INTERNATIONAL SUN EARTH EXPLORER
 2

ISEE 3

USE INTERNATIONAL SUN EARTH EXPLORER
 3

ISENTROPE

RT ADIABATIC CONDITIONS
 ISENTROPIC PROCESSES
 MOLLIER DIAGRAM
 POISSON EQUATION

ISENTROPIC PROCESSES

GS ISENTROPIC PROCESSES
 . NONISENTROPICITY
 RT BERNOULLI THEOREM
 ISENTROPE
 ISOENERGETIC PROCESSES
 ISOPYCNIC PROCESSES
 . PROCESSES
 THERMODYNAMIC EQUILIBRIUM

ISING MODEL

USE FERROMAGNETISM
 MATHEMATICAL MODELS

ISIS SATELLITES

UF INTERNATIONAL SATS FOR
IONOSPHERIC STUDY

GS SATELLITES
.. ARTIFICIAL SATELLITES
.. **ISIS SATELLITES**
.. ALOUETTE 2 SATELLITE
.. .. ISIS-A
.. .. ISIS-B
.. .. ISIS-C
.. .. ISIS-X

RT ALOUETTE SATELLITES

ISIS-A

GS SATELLITES
.. ARTIFICIAL SATELLITES
.. ISIS SATELLITES
.. .. **ISIS-A**
.. EARTH SATELLITES
.. .. **ISIS-A**

RT ALOUETTE PROJECT

ISIS-B

GS SATELLITES
.. ARTIFICIAL SATELLITES
.. ISIS SATELLITES
.. .. **ISIS-B**
.. EARTH SATELLITES
.. .. **ISIS-B**

ISIS-C

GS SATELLITES
.. ARTIFICIAL SATELLITES
.. ISIS SATELLITES
.. .. **ISIS-C**
.. EARTH SATELLITES
.. .. **ISIS-C**

ISIS-X

GS SATELLITES
.. ARTIFICIAL SATELLITES
.. ISIS SATELLITES
.. .. **ISIS-X**
.. EARTH SATELLITES
.. .. **ISIS-X**

RT ALOUETTE B SATELLITE

ISKRA AIRCRAFT

USE TS-11 AIRCRAFT

ISLAND ARCS

GS LANDFORMS
.. **ISLAND ARCS**

RT ALEUTIAN ISLANDS (US)

∞ ARCS
BARRIERS (LANDFORMS)
ISLANDS
KEYS (ISLANDS)
LAGOONS
REEFS

ISLANDS

GS LANDFORMS
.. **ISLANDS**
.. ALEUTIAN ISLANDS (US)
.. ASSATEAGUE ISLAND (MD-VA)
.. ATOLLS
.. BAHRAIN
.. BERMUDA
.. CYPRUS
.. GREENLAND
.. HAWAII
.. ICELAND
.. INDONESIA
.. IRELAND
.. KEYS (ISLANDS)
.. LONG ISLAND (NY)
.. MALAGASY REPUBLIC
.. MALDIVE ISLANDS
.. MALTA
.. MERRITT ISLAND (FL)
.. NUNATAKS
.. PACIFIC ISLANDS
.. .. GUAM
.. .. JAPAN
.. .. JOHNSTON ISLAND
.. .. KURILE ISLANDS
.. .. NEW GUINEA (ISLAND)
.. .. NEW ZEALAND
.. .. PHILIPPINES
.. .. SAMOA

ISLANDS-(CONT.)

.. SICILY
.. TASMANIA
.. WALLOPS ISLAND
.. WEST INDIES
.. .. BARBADOS
.. .. DOMINICA
.. .. GUADELOUPE
.. .. HAITI
.. .. LESSER ANTILLES
.. .. TRINIDAD AND TOBAGO
.. .. VIRGIN ISLANDS

RT ARCHIPELAGOES
CAPE VERDE
CORAL REEFS
ISLAND ARCS
LAGOONS
OUTER BANKS (NC)
REEFS
SEAMOUNTS

∞ **ISOBARS**

SN *(USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)*

RT BAROCLINITY
BAROTROPISM
ISOBARS (PRESSURE)
NUCLEAR ISOBARS
POLYTROPIC PROCESSES

ISOBARS (PRESSURE)

RT ATMOSPHERIC PRESSURE
GEOSTROPHIC WIND
GRADIENTS

∞ **ISOBARS**
ISOCORIC PROCESSES
ISOPYCNIC PROCESSES
ISOTHERMAL PROCESSES
METEOROLOGICAL CHARTS
PRESSURE DISTRIBUTION
PRESSURE GRADIENTS

ISOBUTANE

USE BUTANES

ISOBUTYLENE

USE BUTENES

ISOCORIC PROCESSES

RT ISOBARS (PRESSURE)
ISOPYCNIC PROCESSES
THERMODYNAMIC EQUILIBRIUM
VOLUME

ISOCROMATICS

RT COLOR
DICHROISM
DIFFRACTION
INTERFEROMETRY
REFRACTION

ISOCYANATES

GS ESTERS
.. **ISOCYANATES**
.. DIISOCYANATES
.. FULMINATES
.. NITROGEN COMPOUNDS
.. CYANO COMPOUNDS
.. **ISOCYANATES**
.. .. DIISOCYANATES
.. .. FULMINATES

ISOELECTRONIC SEQUENCE

RT ATOMIC STRUCTURE
SPECTRA
SPECTROSCOPY

ISOENERGETIC PROCESSES

RT ADIABATIC CONDITIONS
ISENTROPIC PROCESSES
THERMODYNAMIC EQUILIBRIUM

ISOLATION

GS **ISOLATION**
.. SOCIAL ISOLATION

RT CONFINEMENT
CONFINING
DEPRIVATION
DISPOSAL
EXCLUSION
GNOTOBIOTICS
INSULATION
ISOLATORS

ISOLATION-(CONT.)

∞ SEPARATION
SPACING

ISOLATORS

GS **ISOLATORS**
.. VIBRATION ISOLATORS

RT ATTENUATORS
INSULATION
ISOLATION
NOISE REDUCTION
SHOCK ABSORBERS
SPACERS
SUPPRESSORS
VIBRATION

ISOMERIZATION

GS **ISOMERIZATION**
.. ORTHO PARA CONVERSION

RT ∞ CONVERSION
REFINING

ISOMERS

GS **ISOMERS**
.. ISOPROPYL ALCOHOL
.. PHENANTHRENE

RT ATOMS
NUCLEAR CHEMISTRY
STEREOCHEMISTRY
TAUTOMERS

ISOMORPHISM

UF MORPHOTROPISM

GS MORPHOLOGY
.. **ISOMORPHISM**

RT CRYSTAL LATTICES
CRYSTAL STRUCTURE
DUALITY THEOREM
HOMOMORPHISMS

ISOPARAMETRIC FINITE ELEMENTS

RT CONFORMAL MAPPING
COORDINATE TRANSFORMATIONS

∞ **ELEMENTS**
FINITE ELEMENT METHOD
FRACTURE MECHANICS
NUMERICAL ANALYSIS
STRESS ANALYSIS

ISOPERIMETRIC PROBLEM

RT ANALYTIC FUNCTIONS
CONTINUITY (MATHEMATICS)
LAGRANGE MULTIPLIERS
MATRICES (MATHEMATICS)

∞ **PROBLEMS**
TOPOLOGY

ISOPHOTES

RT ∞ ILLUMINATION

ISOPLETHS

USE NOMOGRAPHS

ISOPROPYL ALCOHOL

GS ALIPHATIC COMPOUNDS
.. ISOPROPYL COMPOUNDS
.. **ISOPROPYL ALCOHOL**
.. HYDROXYL COMPOUNDS
.. ALCOHOLS
.. **ISOPROPYL ALCOHOL**
.. ISOMERS
.. **ISOPROPYL ALCOHOL**

ISOPROPYL COMPOUNDS

GS ALIPHATIC COMPOUNDS
.. **ISOPROPYL COMPOUNDS**
.. ISOPROPYL ALCOHOL

ISOPROPYL NITRATE

GS ALIPHATIC COMPOUNDS
.. ALKYL COMPOUNDS
.. **ISOPROPYL NITRATE**
.. NITRATE ESTERS
.. **ISOPROPYL NITRATE**
.. ESTERS
.. NITRATE ESTERS
.. **ISOPROPYL NITRATE**
.. NITROGEN COMPOUNDS
.. NITRATE ESTERS
.. **ISOPROPYL NITRATE**

ISOPYCNIC PROCESSES

UF ISOSTERIC PROCESSES

RT DENSITY (MASS/VOLUME)

ISOSTASY

ISOPYCNIC PROCESSES-(CONT.)

ISENTROPIC PROCESSES
ISOBARS (PRESSURE)
ISOCHORIC PROCESSES

ISOSTASY

RT ∞ EQUILIBRIUM
GEOMORPHOLOGY
GEOPHYSICS
GLACIOLOGY
GRAVITATION
HYDROSTATICS
OROGRAPHY
SEISMOLOGY
SUBSIDENCE

ISOSTATIC PRESSURE

GS PRESSURE
. ISOSTATIC PRESSURE
RT ATMOSPHERIC PRESSURE
HYDROSTATIC PRESSURE
STATIC PRESSURE

ISOSTERIC PROCESSES

USE ISOPYCNIC PROCESSES

ISOTENISCOPIES

GS MEASURING INSTRUMENTS
. PRESSURE GAGES
. ISOTENISCOPIES
RT MANOMETERS
VAPOR PRESSURE

ISOTENSOID STRUCTURES

RT COMPOSITE WRAPPING
FILAMENT WINDING
PRESSURE VESSELS
PRESTRESSING
SHELLS (STRUCTURAL FORMS)
SPIRAL WRAPPING
 ∞ STRUCTURES

ISOTHERMAL FLOW

GS FLUID FLOW
. ISOTHERMAL FLOW
RT FLOW DISTRIBUTION
ISOTHERMS
TEMPERATURE DISTRIBUTION

ISOTHERMAL LAYERS

RT ISOTHERMS
LAMINAR BOUNDARY LAYER
STRATOSPHERE
TEMPERATURE DISTRIBUTION
TEMPERATURE GRADIENTS
THERMAL MAPPING
TROPOPAUSE

ISOTHERMAL PROCESSES

RT ADIABATIC CONDITIONS
ISOBARS (PRESSURE)
ISOTHERMS
THERMODYNAMIC EQUILIBRIUM

ISOTHERMS

RT ATMOSPHERIC & OCEANOGRAPHIC
INFORM SYS
ATMOSPHERIC TEMPERATURE
GRADIENTS
ISOTHERMAL FLOW
ISOTHERMAL LAYERS
ISOTHERMAL PROCESSES
METEOROLOGICAL PARAMETERS
METEOROLOGY
TEMPERATURE
TEMPERATURE DISTRIBUTION
TEMPERATURE GRADIENTS
THERMAL MAPPING
THERMODYNAMICS

ISOTHIUREA

GS NITROGEN COMPOUNDS
. AMIDES
. UREAS
. THIUREAS
. ISOTHIUREA

ISOTONICITY

RT BODY FLUIDS
OSMOSIS

ISOTOPE EFFECT

UF ISOTOPE SHIFT
RT ∞ EFFECTS

ISOTOPE SEPARATION

RT ATOMS
HEAVY IONS
ION EXCHANGING
ION EXTRACTION
ISOTOPIES
JET MEMBRANE PROCESS

ISOTOPE SHIFT

USE ISOTOPE EFFECT

ISOTOPIES

GS CHEMICAL ELEMENTS
. NUCLIDES
. ISOTOPIES
. ALUMINUM ISOTOPIES
. ALUMINUM 26
. ALUMINUM 27
. ANTIMONY ISOTOPIES
. ARGON ISOTOPIES
. BARIUM ISOTOPIES
. BERYLLIUM ISOTOPIES
. BERYLLIUM 7
. BERYLLIUM 9
. BERYLLIUM 10
. BISMUTH ISOTOPIES
. BORON ISOTOPIES
. BORON 10
. BROMINE ISOTOPIES
. CADMIUM ISOTOPIES
. CALCIUM ISOTOPIES
. CARBON ISOTOPIES
. CARBON 12
. CARBON 13
. CARBON 14
. CERIUM ISOTOPIES
. CERIUM 137
. CERIUM 144
. CESIUM ISOTOPIES
. CESIUM 133
. CESIUM 134
. CESIUM 137
. CESIUM 144
. CESIUM VAPOR
. CHROMIUM ISOTOPIES
. COBALT ISOTOPIES
. COBALT 58
. COBALT 60
. DYSPROSIUM ISOTOPIES
. ERBIUM ISOTOPIES
. EUROPIUM ISOTOPIES
. FLUORINE ISOTOPIES
. GADOLINIUM ISOTOPIES
. GALLIUM ISOTOPIES
. GERMANIUM ISOTOPIES
. HAFNIUM ISOTOPIES
. HELIUM ISOTOPIES
. HOLMIUM ISOTOPIES
. HYDROGEN ISOTOPIES
. DEUTERIUM
. HYDROGEN 4
. TRITIUM
. IODINE ISOTOPIES
. IODINE 125
. IODINE 131
. IODINE 132
. IRIDIUM ISOTOPIES
. IRON ISOTOPIES
. IRON 57
. IRON 58
. IRON 59
. KRYPTON ISOTOPIES
. KRYPTON 85
. LANTHANUM ISOTOPIES
. LEAD ISOTOPIES
. LITHIUM ISOTOPIES
. LUTETIUM
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. MANGANESE ISOTOPIES
. MERCURY ISOTOPIES
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. NIOBIUM 95
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. NITROGEN 15
. NITROGEN 16
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. PHOSPHORUS 32
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. POLONIUM 209
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. POTASSIUM 38
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. POTASSIUM 40
. PRASEODYMIUM ISOTOPIES
. PROMETHIUM ISOTOPIES
. PROTACTINIUM ISOTOPIES
. RADIOACTIVE ISOTOPIES
. ARSENIC ISOTOPIES
. ASTATINE ISOTOPIES
. BERYLLIUM 7
. BERYLLIUM 9
. BERYLLIUM 10
. CARBON 14
. CERIUM 137
. CERIUM 144
. CESIUM 134
. CESIUM 137
. CESIUM 144
. COBALT 58
. COBALT 60
. GOLD ISOTOPIES
. GOLD 198
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. IRON 59
. KRYPTON 85
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. NITROGEN 16
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. POLONIUM 208
. POLONIUM 209
. POLONIUM 210
. POTASSIUM 38
. POTASSIUM 40
. RUBIDIUM 86
. SODIUM 22
. SODIUM 24
. STRONTIUM 85
. STRONTIUM 88
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. STRONTIUM 90
. TRANSURANIAN ELEMENTS
. AMERICIUM
. AMERICIUM ISOTOPIES
. BERKELIUM
. CALIFORNIUM
. CALIFORNIUM ISOTOPIES
. CURIUM
. CURIUM ISOTOPIES
. EINSTEINIUM
. FERMIUM
. LAWRENCIUM
. MENDELEVIUM
. NEPTUNIUM
. NEPTUNIUM ISOTOPIES
. NOBELIUM
. PLUTONIUM
. PLUTONIUM ISOTOPIES
. SERGENIUM
. TRITIUM
. URANIUM 232
. URANIUM 233
. URANIUM 238
. XENON 133
. XENON 135
. ZIRCONIUM 95
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. RADIUM 226
. RADON ISOTOPIES
. RHODIUM ISOTOPIES
. RUBIDIUM ISOTOPIES
. RUBIDIUM 86
. RUTHENIUM ISOTOPIES
. SCANDIUM ISOTOPIES
. SILVER ISOTOPIES
. SODIUM ISOTOPIES
. SODIUM 22
. SODIUM 24
. STRONTIUM ISOTOPIES
. STRONTIUM 85
. STRONTIUM 87
. STRONTIUM 89
. STRONTIUM 90
. TANTALUM ISOTOPIES
. TELLURIUM
. TELLURIUM ISOTOPIES
. TERBIUM ISOTOPIES
. THORIUM ISOTOPIES
. THULIUM ISOTOPIES
. TIN ISOTOPIES

ISOTOPES-(CONT.)

... TITANIUM ISOTOPES
 ... URANIUM ISOTOPES
 ... URANIUM 232
 ... URANIUM 233
 ... URANIUM 234
 ... URANIUM 235
 ... URANIUM 238
 ... VANADIUM ISOTOPES
 ... XENON ISOTOPES
 ... XENON 129
 ... XENON 133
 ... XENON 135
 ... YTTRIUM ISOTOPES
 ... ZINC ISOTOPES
 ... ZIRCONIUM ISOTOPES
 ... ZIRCONIUM 95

RT ATOMS
 HEAVY IONS
 ISOTOPE SEPARATION
 ISOTOPIC ENRICHMENT
 ISOTOPIC LABELING
 JET MEMBRANE PROCESS
 METALS
 NUCLEAR ISOBARS
 NUCLEI (NUCLEAR PHYSICS)
 RADIOACTIVE MATERIALS

ISOTOPIC ENRICHMENT

GS ENRICHMENT
 . ISOTOPIC ENRICHMENT
 . JET MEMBRANE PROCESS
 RT BENEFICIATION
 CHEMICAL ELEMENTS
 ∞ CONCENTRATION
 ISOTOPES
 NUCLIDES

ISOTOPIC LABELING

GS MARKING
 . ISOTOPIC LABELING
 RT CHEMICAL ANALYSIS
 ISOTOPES
 RADIOACTIVE ISOTOPES
 RADIOCHEMISTRY
 TRACE ELEMENTS
 ∞ TRACERS

ISOTOPIC SPIN

GS SPIN
 . PARTICLE SPIN
 . ISOTOPIC SPIN

ISOTROPIC MEDIA

GS ISOTROPY
 . ISOTROPIC MEDIA
 RT ANISOTROPIC MEDIA

ISOTROPIC TURBULENCE

GS TURBULENCE
 . ISOTROPIC TURBULENCE
 RT ATMOSPHERIC TURBULENCE
 COORDINATE TRANSFORMATIONS
 HOMOGENEOUS TURBULENCE
 INSTRUMENT RECEIVERS
 INVARIANT IMBEDDINGS
 KOLMOGOROFF THEORY
 MAGNETOHYDRODYNAMIC TURBULENCE
 TURBULENT FLOW

ISOTROPISM

RT REFRACTIVITY
 SYMMETRY

ISOTROPY

UF SPATIAL ISOTROPY
 GS ISOTROPY
 . ISOTROPIC MEDIA
 RT ANISOTROPIC FLUIDS
 ANISOTROPY
 BRAGG ANGLE
 CRYSTAL STRUCTURE
 CRYSTALLOGRAPHY
 CRYSTALS
 DENDRITIC CRYSTALS
 DIRECTIVITY
 FIELD STRENGTH
 MECHANICAL PROPERTIES
 METALLOGRAPHY
 OPTICAL PROPERTIES
 ∞ ORIENTATION
 ∞ PHYSICAL PROPERTIES

ISRAEL

RT ASIA

ISRAEL-(CONT.)**NATIONS****ISRO**

UF INDIAN SPACE RESEARCH
 ORGANIZATION
 GS ORGANIZATIONS
 . ISRO
 RT INDIA
 SPACE PROGRAMS

ISTHMOUSES

GS LAND
 . ISTHMOUSES
 LANDFORMS
 . ISTHMOUSES
 RT GEOLOGY
 OCEANOGRAPHY
 PENINSULAS
 TOPOGRAPHY
 WATER

ITALY

RT ADRIATIC SEA
 ALPS MOUNTAINS (EUROPE)
 EUROPE
 NATIONS
 SAN MARINO
 SICILY
 SIRIO SATELLITE
 VATICAN CITY

ITCHING

RT CONTACT DERMATITIS
 DERMATITIS
 HISTAMINES
 SENSITIVITY
 SENSORY PERCEPTION

ITERATION

GS ANALYSIS (MATHEMATICS)
 . NUMERICAL ANALYSIS
 . ITERATION
 RT PROBABILITY THEORY
 PROBLEM SOLVING

ITERATIVE NETWORKS

GS CIRCUITS
 . ITERATIVE NETWORKS
 RT IMPEDANCE MATCHING

ITERATIVE SOLUTION

GS PROBLEM SOLVING
 . ITERATIVE SOLUTION
 RT ASYMPTOTIC METHODS
 CHOLESKY FACTORIZATION
 FINITE ELEMENT METHOD

ITOS SATELLITES

GS SATELLITES
 . ARTIFICIAL SATELLITES
 . METEOROLOGICAL SATELLITES
 . TIROS SATELLITES
 ITOS SATELLITES
 ITOS 1
 ITOS 2
 ITOS 3
 ITOS 4
 . EARTH SATELLITES
 . METEOROLOGICAL SATELLITES
 . TIROS SATELLITES
 ITOS SATELLITES
 ITOS 1
 ITOS 2
 ITOS 3
 ITOS 4
 RT TIROS M

ITOS 1

GS SATELLITES
 . ARTIFICIAL SATELLITES
 . METEOROLOGICAL SATELLITES
 . TIROS SATELLITES
 IMPROVED TIROS OPERATIONAL
 SATELLITES
 ITOS 1
 ITOS SATELLITES
 ITOS 1
 . EARTH SATELLITES
 . METEOROLOGICAL SATELLITES
 . TIROS SATELLITES
 IMPROVED TIROS OPERATIONAL
 SATELLITES
 ITOS 1

ITOS 1-(CONT.)

... ITOS SATELLITES
 ITOS 1
 RT TIROS K SATELLITE
 TIROS M
 TIROS N SATELLITE
 TIROS OPERATIONAL SATELLITE
 SYSTEM

ITOS 2

GS SATELLITES
 . ARTIFICIAL SATELLITES
 . METEOROLOGICAL SATELLITES
 . TIROS SATELLITES
 IMPROVED TIROS OPERATIONAL
 SATELLITES
 ITOS 2
 ITOS SATELLITES
 ITOS 2
 . EARTH SATELLITES
 . METEOROLOGICAL SATELLITES
 . TIROS SATELLITES
 IMPROVED TIROS OPERATIONAL
 SATELLITES
 ITOS 2
 ITOS SATELLITES
 ITOS 2
 RT TIROS K SATELLITE
 TIROS M
 TIROS N SATELLITE
 TIROS OPERATIONAL SATELLITE
 SYSTEM

ITOS 3

GS SATELLITES
 . ARTIFICIAL SATELLITES
 . METEOROLOGICAL SATELLITES
 . TIROS SATELLITES
 IMPROVED TIROS OPERATIONAL
 SATELLITES
 ITOS 3
 ITOS SATELLITES
 ITOS 3
 . EARTH SATELLITES
 . METEOROLOGICAL SATELLITES
 . TIROS SATELLITES
 IMPROVED TIROS OPERATIONAL
 SATELLITES
 ITOS 3
 ITOS SATELLITES
 ITOS 3
 RT TIROS K SATELLITE
 TIROS M
 TIROS N SATELLITE
 TIROS OPERATIONAL SATELLITE
 SYSTEM

ITOS 4

GS SATELLITES
 . ARTIFICIAL SATELLITES
 . METEOROLOGICAL SATELLITES
 . TIROS SATELLITES
 IMPROVED TIROS OPERATIONAL
 SATELLITES
 ITOS 4
 ITOS SATELLITES
 ITOS 4
 . EARTH SATELLITES
 . METEOROLOGICAL SATELLITES
 . TIROS SATELLITES
 IMPROVED TIROS OPERATIONAL
 SATELLITES
 ITOS 4
 ITOS SATELLITES
 ITOS 4
 RT TIROS K SATELLITE
 TIROS M
 TIROS N SATELLITE
 TIROS OPERATIONAL SATELLITE
 SYSTEM

IUE

UF INTERNATIONAL ULTRAVIOLET
 EXPLORER
 SAS-D
 GS SATELLITES
 . ARTIFICIAL SATELLITES
 . IUE
 . EARTH SATELLITES
 . IUE
 RT EXPLORER SATELLITES
 EXTREME ULTRAVIOLET EXPLORER
 SATELLITE
 RADIO ASTRONOMY
 SPACEBORNE ASTRONOMY

IUE-(CONT.)

ULTRAVIOLET RADIATION

IUS

USE INERTIAL UPPER STAGE

IVORY COAST

RT AFRICA
NATIONS

IVUNA METEORITE

GS CELESTIAL BODIES
. METEORITES
. STONY METEORITES
. CHONDRITES
. CARBONACEOUS METEORITES
. IVUNA METEORITE

IZSAK ELLIPSOID

USE ELLIPSOIDS
GEODESY

I2S CAMERAS

GS OPTICAL EQUIPMENT
. CAMERAS
. I2S CAMERAS
PHOTOGRAPHIC EQUIPMENT
. CAMERAS
. I2S CAMERAS
RT AIRCRAFT INSTRUMENTS
MULTISPECTRAL PHOTOGRAPHY
SPACECRAFT INSTRUMENTS

J

J INTEGRAL

GS ANALYSIS (MATHEMATICS)
. FUNCTIONAL ANALYSIS
. INTEGRAL EQUATIONS
. J INTEGRAL
. REAL VARIABLES
. MEASURE AND INTEGRATION
. J INTEGRAL
RT CRACK INITIATION
CRACK PROPAGATION
CRACKING (FRACTURING)
CREEP RUPTURE STRENGTH
ELASTOPLASTICITY
FRACTURE MECHANICS
FRACTURE STRENGTH
INTEGRAL CALCULUS
MECHANICAL PROPERTIES
PLASTIC DEFORMATION
STRUCTURAL ANALYSIS
TOUGHNESS
YIELD STRENGTH

J-2 ENGINE

GS ENGINES
. ROCKET ENGINES
. LIQUID PROPELLANT ROCKET
ENGINES
. HYDROGEN OXYGEN ENGINES
. J-2 ENGINE
RT NOVA LAUNCH VEHICLES
SATURN 1B LAUNCH VEHICLES
SATURN 5 LAUNCH VEHICLES

J-33 ENGINE

GS ENGINES
. AIR BREATHING ENGINES
. GAS TURBINE ENGINES
. JET ENGINES
. TURBOJET ENGINES
. J-33 ENGINE
. INTERNAL COMBUSTION ENGINES
. GAS TURBINE ENGINES
. JET ENGINES
. TURBOJET ENGINES
. J-33 ENGINE
. TURBINE ENGINES
. GAS TURBINE ENGINES
. JET ENGINES
. TURBOJET ENGINES
. J-33 ENGINE
TURBOMACHINERY
. J-33 ENGINE
RT MACE MISSILES

J-34 ENGINE

UF XJ-34-WE-32 ENGINE

J-34 ENGINE-(CONT.)

GS ENGINES
. AIR BREATHING ENGINES
. GAS TURBINE ENGINES
. JET ENGINES
. TURBOJET ENGINES
. J-34 ENGINE
. INTERNAL COMBUSTION ENGINES
. GAS TURBINE ENGINES
. JET ENGINES
. TURBOJET ENGINES
. J-34 ENGINE
. TURBINE ENGINES
. GAS TURBINE ENGINES
. JET ENGINES
. TURBOJET ENGINES
. J-34 ENGINE

J-40 ENGINE

GS ENGINES
. AIR BREATHING ENGINES
. GAS TURBINE ENGINES
. JET ENGINES
. TURBOJET ENGINES
. J-40 ENGINE
. INTERNAL COMBUSTION ENGINES
. GAS TURBINE ENGINES
. JET ENGINES
. TURBOJET ENGINES
. J-40 ENGINE
. TURBINE ENGINES
. GAS TURBINE ENGINES
. JET ENGINES
. TURBOJET ENGINES
. J-40 ENGINE

J-44 ENGINE

GS AIRCRAFT ENGINES
. J-44 ENGINE

J-47 ENGINE

GS ENGINES
. AIR BREATHING ENGINES
. GAS TURBINE ENGINES
. JET ENGINES
. TURBOJET ENGINES
. J-47 ENGINE
. INTERNAL COMBUSTION ENGINES
. GAS TURBINE ENGINES
. JET ENGINES
. TURBOJET ENGINES
. J-47 ENGINE
. TURBINE ENGINES
. GAS TURBINE ENGINES
. JET ENGINES
. TURBOJET ENGINES
. J-47 ENGINE

J-52 ENGINE

GS AIRCRAFT ENGINES
. J-52 ENGINE
ENGINES
. INTERNAL COMBUSTION ENGINES
. GAS TURBINE ENGINES
. JET ENGINES
. TURBOJET ENGINES
. J-52 ENGINE
. TURBINE ENGINES
. GAS TURBINE ENGINES
. JET ENGINES
. TURBOJET ENGINES
. J-52 ENGINE

J-57 ENGINE

GS ENGINES
. AIR BREATHING ENGINES
. GAS TURBINE ENGINES
. JET ENGINES
. TURBOJET ENGINES
. J-57 ENGINE
. INTERNAL COMBUSTION ENGINES
. GAS TURBINE ENGINES
. JET ENGINES
. TURBOJET ENGINES
. J-57 ENGINE
. TURBINE ENGINES
. GAS TURBINE ENGINES
. JET ENGINES
. TURBOJET ENGINES
. J-57 ENGINE
RT AFTERBURNING

J-57-P-20 ENGINE

GS ENGINES
. AIR BREATHING ENGINES

J-57-P-20 ENGINE-(CONT.)

.. GAS TURBINE ENGINES
.. JET ENGINES
.. TURBOJET ENGINES
.. J-57-P-20 ENGINE
.. INTERNAL COMBUSTION ENGINES
.. GAS TURBINE ENGINES
.. JET ENGINES
.. TURBOJET ENGINES
.. J-57-P-20 ENGINE
.. TURBINE ENGINES
.. GAS TURBINE ENGINES
.. JET ENGINES
.. TURBOJET ENGINES
.. J-57-P-20 ENGINE
RT AFTERBURNING

J-58 ENGINE

GS AIRCRAFT ENGINES
. J-58 ENGINE

J-65 ENGINE

GS ENGINES
. AIR BREATHING ENGINES
. GAS TURBINE ENGINES
. JET ENGINES
. TURBOJET ENGINES
. J-65 ENGINE
. INTERNAL COMBUSTION ENGINES
. GAS TURBINE ENGINES
. JET ENGINES
. TURBOJET ENGINES
. J-65 ENGINE
. TURBINE ENGINES
. GAS TURBINE ENGINES
. JET ENGINES
. TURBOJET ENGINES
. J-65 ENGINE
RT A-4 AIRCRAFT

J-69-T-25 ENGINE

UF MARBORE 2 ENGINE
GS ENGINES
. AIR BREATHING ENGINES
. GAS TURBINE ENGINES
. JET ENGINES
. TURBOJET ENGINES
. J-69-T-25 ENGINE
. INTERNAL COMBUSTION ENGINES
. GAS TURBINE ENGINES
. JET ENGINES
. TURBOJET ENGINES
. J-69-T-25 ENGINE
. TURBINE ENGINES
. GAS TURBINE ENGINES
. JET ENGINES
. TURBOJET ENGINES
. J-69-T-25 ENGINE

J-71 ENGINE

GS ENGINES
. AIR BREATHING ENGINES
. GAS TURBINE ENGINES
. JET ENGINES
. TURBOJET ENGINES
. J-71 ENGINE
. INTERNAL COMBUSTION ENGINES
. GAS TURBINE ENGINES
. JET ENGINES
. TURBOJET ENGINES
. J-71 ENGINE
. TURBINE ENGINES
. GAS TURBINE ENGINES
. JET ENGINES
. TURBOJET ENGINES
. J-71 ENGINE

J-73 ENGINE

UF YJ-73-GE-3 ENGINE
YJ73 TURBOJET ENGINE
GS ENGINES
. AIR BREATHING ENGINES
. GAS TURBINE ENGINES
. JET ENGINES
. TURBOJET ENGINES
. J-73 ENGINE
. INTERNAL COMBUSTION ENGINES
. GAS TURBINE ENGINES
. JET ENGINES
. TURBOJET ENGINES
. J-73 ENGINE
. TURBINE ENGINES
. GAS TURBINE ENGINES
. JET ENGINES
. TURBOJET ENGINES

J-73 ENGINE-(CONT.)

..... J-73 ENGINE

J-75 ENGINE

GS ENGINES
 . AIR BREATHING ENGINES
 . GAS TURBINE ENGINES
 . JET ENGINES
 . TURBOJET ENGINES
 . J-75 ENGINE
 . INTERNAL COMBUSTION ENGINES
 . GAS TURBINE ENGINES
 . JET ENGINES
 . TURBOJET ENGINES
 . J-75 ENGINE
 . TURBINE ENGINES
 . GAS TURBINE ENGINES
 . JET ENGINES
 . TURBOJET ENGINES
 . J-75 ENGINE

J-79 ENGINE

UF XJ-79-GE-1 ENGINE
 YJ-79 ENGINE
 GS ENGINES
 . AIR BREATHING ENGINES
 . GAS TURBINE ENGINES
 . JET ENGINES
 . TURBOJET ENGINES
 . J-79 ENGINE
 . INTERNAL COMBUSTION ENGINES
 . GAS TURBINE ENGINES
 . JET ENGINES
 . TURBOJET ENGINES
 . J-79 ENGINE
 . TURBINE ENGINES
 . GAS TURBINE ENGINES
 . JET ENGINES
 . TURBOJET ENGINES
 . J-79 ENGINE
 . J-79 ENGINE
 RT F-4 AIRCRAFT

J-84 ENGINE

GS AIRCRAFT ENGINES
 . J-84 ENGINE
 ENGINES
 . J-84 ENGINE

J-85 ENGINE

UF YJ-85 ENGINE
 GS ENGINES
 . AIR BREATHING ENGINES
 . GAS TURBINE ENGINES
 . JET ENGINES
 . TURBOJET ENGINES
 . J-85 ENGINE
 . INTERNAL COMBUSTION ENGINES
 . GAS TURBINE ENGINES
 . JET ENGINES
 . TURBOJET ENGINES
 . J-85 ENGINE
 . TURBINE ENGINES
 . GAS TURBINE ENGINES
 . JET ENGINES
 . TURBOJET ENGINES
 . J-85 ENGINE
 RT BLUE GOOSE MISSILE
 OSPREY MISSILE

J-93 ENGINE

UF J93-MJ252H ENGINE
 J93-MJ280G ENGINE
 YJ-93 ENGINE
 YJ-93-GE-3 ENGINE
 GS ENGINES
 . AIR BREATHING ENGINES
 . GAS TURBINE ENGINES
 . JET ENGINES
 . TURBOJET ENGINES
 . J-93 ENGINE
 . INTERNAL COMBUSTION ENGINES
 . GAS TURBINE ENGINES
 . JET ENGINES
 . TURBOJET ENGINES
 . J-93 ENGINE
 . TURBINE ENGINES
 . GAS TURBINE ENGINES
 . JET ENGINES
 . TURBOJET ENGINES
 . J-93 ENGINE

J-97 ENGINE

GS AIRCRAFT ENGINES
 . J-97 ENGINE
 ENGINES

J-97 ENGINE-(CONT.)

. AIR BREATHING ENGINES
 . GAS TURBINE ENGINES
 . JET ENGINES
 . TURBOJET ENGINES
 . TURBOFAN ENGINES
 . J-97 ENGINE
 . INTERNAL COMBUSTION ENGINES
 . GAS TURBINE ENGINES
 . JET ENGINES
 . TURBOJET ENGINES
 . TURBOFAN ENGINES
 . J-97 ENGINE
 . TURBINE ENGINES
 . GAS TURBINE ENGINES
 . JET ENGINES
 . TURBOJET ENGINES
 . TURBOFAN ENGINES
 . J-97 ENGINE

JABIRU ROCKET VEHICLE

USE JAGUAR ROCKET VEHICLE

JACKETS

SN (EXCLUDES CLOTHING)
 RT ABSORBERS (MATERIALS)
 ∞ CASING
 COOLING
 COVERINGS
 HEATING
 INSULATION
 LININGS
 SHEATHS

JACKING EQUIPMENT

USE JACKS (LIFTS)

∞ JACKS

SN (USE OF A MORE SPECIFIC TERM IS
 RECOMMENDED—CONSULT THE TERMS
 LISTED BELOW)
 RT ELECTRIC CONNECTORS
 ELEVATORS (LIFTS)
 JACKS (LIFTS)

JACKS (ELECTRICAL)

USE ELECTRIC CONNECTORS

JACKS (LIFTS)

UF JACKING EQUIPMENT
 RT ∞ JACKS
 ∞ LIFTS
 POSITIONING DEVICES (MACHINERY)
 TUNNELING (EXCAVATION)

JACOBI INTEGRAL

GS ANALYSIS (MATHEMATICS)
 . REAL VARIABLES
 . JACOBI INTEGRAL
 RT CONFORMAL MAPPING
 DIFFUSION THEORY
 ELLIPTIC FUNCTIONS
 GREEN FUNCTION
 POTENTIAL THEORY
 WEIERSTRASS FUNCTIONS

JACOBI MATRIX METHOD

GS ANALYSIS (MATHEMATICS)
 . REAL VARIABLES
 . JACOBI MATRIX METHOD
 RT CALCULUS OF VARIATIONS
 EIGENVALUES
 EIGENVECTORS
 HERMITIAN POLYNOMIAL
 ∞ METHODOLOGY

JACOBI POLYNOMIALS

USE HYPERGEOMETRIC FUNCTIONS

JAGUAR AIRCRAFT

GS ATTACK AIRCRAFT
 . FIGHTER AIRCRAFT
 . JAGUAR AIRCRAFT
 SUPERSONIC AIRCRAFT
 . JAGUAR AIRCRAFT
 TRAINING AIRCRAFT
 . JAGUAR AIRCRAFT
 RT ∞ AIRCRAFT
 BREGUET AIRCRAFT
 ∞ MILITARY AIRCRAFT

JAGUAR ROCKET VEHICLE

UF JABIRU ROCKET VEHICLE
 GS ROCKET VEHICLES

JAGUAR ROCKET VEHICLE-(CONT.)

. MULTISTAGE ROCKET VEHICLES
 . JAGUAR ROCKET VEHICLE
 . SOUNDING ROCKETS
 . JAGUAR ROCKET VEHICLE
 RT SOLID PROPELLANT ROCKET ENGINES

JAHN-TELLER EFFECT

RT ELECTRON PARAMAGNETIC RESONANCE
 ELECTRON TRANSITIONS
 ORBITALS

JAMAICA

GS LANDFORMS
 . ISLANDS
 . WEST INDIES
 . JAMAICA
 RT NATIONS

JAMMERS

RT AIR DEFENSE
 JAMMING
 RADAR EQUIPMENT
 RADIO EQUIPMENT

JAMMING

GS COUNTERMEASURES
 . JAMMING
 ELECTROMAGNETIC INTERFERENCE
 . JAMMING
 RT CLUTTER
 ELECTRONIC COUNTERMEASURES
 ELECTRONIC WARFARE
 FREQUENCY HOPPING
 ∞ INTERFERENCE
 JAMMERS
 RADIO FREQUENCY INTERFERENCE
 WHITE NOISE

JANUS

GS SATELLITES
 . NATURAL SATELLITES
 . SATURN SATELLITES
 . JANUS
 RT SATURN (PLANET)

JANUS REACTOR

GS NUCLEAR REACTORS
 . NUCLEAR RESEARCH AND TEST
 REACTORS
 . JANUS REACTOR

JANUS SPACECRAFT

GS GLIDERS
 . JANUS SPACECRAFT
 HYPERSONIC VEHICLES
 . LIFTING REENTRY VEHICLES
 . JANUS SPACECRAFT
 LIFTING BODIES
 . LIFTING REENTRY VEHICLES
 . JANUS SPACECRAFT
 MANEUVERABLE SPACECRAFT
 . LIFTING REENTRY VEHICLES
 . JANUS SPACECRAFT
 MANNED SPACECRAFT
 . JANUS SPACECRAFT
 REENTRY VEHICLES
 . LIFTING REENTRY VEHICLES
 . JANUS SPACECRAFT
 SOFT LANDING SPACECRAFT
 . JANUS SPACECRAFT

JAPAN

GS LANDFORMS
 . ISLANDS
 . PACIFIC ISLANDS
 . JAPAN
 RT NATIONS

JAPANESE SPACE PROGRAM

GS PROGRAMS
 . SPACE PROGRAMS
 . JAPANESE SPACE PROGRAM
 RT METEOROLOGICAL SATELLITES
 ∞ RESEARCH PROJECTS
 SATELLITE DESIGN
 SPACE MISSIONS
 SPACE TRANSPORTATION
 ∞ SPACECRAFT
 SPACECRAFT DESIGN

JARRING

USE MECHANICAL SHOCK

JASON ROCKET VEHICLE

NASA THESAURUS (VOLUME 1)

JASON ROCKET VEHICLE

GS ROCKET VEHICLES
 . MULTISTAGE ROCKET VEHICLES
 . . JASON ROCKET VEHICLE
 . . SOUNDING ROCKETS
 . . JASON ROCKET VEHICLE
 RT ARGO E-5 ROCKET VEHICLE
 HONEST JOHN ROCKET VEHICLE
 NIKE-AJAX MISSILE
 SOLID PROPELLANT ROCKET ENGINES

JATO ENGINES

UF JET ASSISTED TAKEOFF
 GS ENGINES
 . JATO ENGINES
 . . ROCKET ENGINE 2KS-36250
 . . ROCKET ENGINE 15KS-25000
 LAUNCHERS
 . AIRCRAFT LAUNCHING DEVICES
 . . JATO ENGINES
 . . . ROCKET ENGINE 2KS-36250
 . . . ROCKET ENGINE 15KS-25000
 RT SHORT TAKEOFF AIRCRAFT
 SOLID PROPELLANT ROCKET ENGINES
 TAKEOFF

JAVELIN AIRCRAFT

USE GA-5 AIRCRAFT

JAVELIN ROCKET VEHICLE

GS ROCKET VEHICLES
 . MULTISTAGE ROCKET VEHICLES
 . . JAVELIN ROCKET VEHICLE
 RT ARGO D-4 ROCKET VEHICLE
 ROCKET PROPELLED SLEDS
 SOLID PROPELLANT ROCKET ENGINES
 SOUNDING ROCKETS

JC-130 AIRCRAFT

USE C-130 AIRCRAFT

JEANS THEORY

RT ∞THEORIES

JEEPS

USE AUTOMOBILES

JERBOAS

GS ANIMALS
 . VERTEBRATES
 . . MAMMALS
 . . . RODENTS
 . . . MICE
 JERBOAS

JET AIRCRAFT

UF JET FLIGHT
 TURBOJET AIRCRAFT
 GS JET AIRCRAFT
 . A-2 AIRCRAFT
 . A-3 AIRCRAFT
 . A-4 AIRCRAFT
 . A-5 AIRCRAFT
 . A-6 AIRCRAFT
 . ALPHA JET AIRCRAFT
 . AN-2 AIRCRAFT
 . AVRO 707 AIRCRAFT
 . B-47 AIRCRAFT
 . B-50 AIRCRAFT
 . B-52 AIRCRAFT
 . B-57 AIRCRAFT
 . B-58 AIRCRAFT
 . B-66 AIRCRAFT
 . B-70 AIRCRAFT
 . BOEING 747 AIRCRAFT
 . BOEING 2707 AIRCRAFT
 . BUCCANEER AIRCRAFT
 . C-5 AIRCRAFT
 . C-8A AUGMENTOR WING AIRCRAFT
 . C-9 AIRCRAFT
 . C-119 AIRCRAFT
 . C-135 AIRCRAFT
 . C-140 AIRCRAFT
 . CANBERRA AIRCRAFT
 . CL-41 AIRCRAFT
 . CL-823 AIRCRAFT
 . COMET 4 AIRCRAFT
 . CV-880 AIRCRAFT
 . D-558 AIRCRAFT
 . DC 9 AIRCRAFT
 . DC 10 AIRCRAFT
 . DH 108 AIRCRAFT
 . DH 110 AIRCRAFT
 . DH 112 AIRCRAFT
 . DH 115 AIRCRAFT

JET AIRCRAFT-(CONT.)

. DH 125 AIRCRAFT
 . DHC 2 AIRCRAFT
 . EUROPEAN AIRBUS
 . A-300 AIRCRAFT
 . F-2 AIRCRAFT
 . F-5 AIRCRAFT
 . F-8 AIRCRAFT
 . F-9 AIRCRAFT
 . F-14 AIRCRAFT
 . F-15 AIRCRAFT
 . F-16 AIRCRAFT
 . F-17 AIRCRAFT
 . F-18 AIRCRAFT
 . F-84 AIRCRAFT
 . F-86 AIRCRAFT
 . F-89 AIRCRAFT
 . F-94 AIRCRAFT
 . F-100 AIRCRAFT
 . F-101 AIRCRAFT
 . F-102 AIRCRAFT
 . F-104 AIRCRAFT
 . F-105 AIRCRAFT
 . F-106 AIRCRAFT
 . FD 2 AIRCRAFT
 . G-91 AIRCRAFT
 . G-95/4 AIRCRAFT
 . GA-5 AIRCRAFT
 . H-17 HELICOPTER
 . H-126 AIRCRAFT
 . HFB-320 AIRCRAFT
 . HP-115 AIRCRAFT
 . HS-801 AIRCRAFT
 . IL-28 AIRCRAFT
 . JET PROVOST AIRCRAFT
 . JETSTREAM AIRCRAFT
 . JINDIVIK TARGET AIRCRAFT
 . L-29 JET TRAINER
 . L-1011 AIRCRAFT
 . L-2000 AIRCRAFT
 . LEAR JET AIRCRAFT
 . MIRAGE AIRCRAFT
 . . MIRAGE 3 AIRCRAFT
 . NORD 1500 AIRCRAFT
 . P-3 AIRCRAFT
 . P-16 AIRCRAFT
 . P-308 AIRCRAFT
 . P-1052 AIRCRAFT
 . P-1067 AIRCRAFT
 . PD-808 AIRCRAFT
 . PHANTOM AIRCRAFT
 . . F-4 AIRCRAFT
 . SC-1 AIRCRAFT
 . SCIMITAR AIRCRAFT
 . SIAT 311 AIRCRAFT
 . T-2 AIRCRAFT
 . T-33 AIRCRAFT
 . T-37 AIRCRAFT
 . T-38 AIRCRAFT
 . T-39 AIRCRAFT
 . TS-11 AIRCRAFT
 . TSR-2 AIRCRAFT
 . TU-104 AIRCRAFT
 . TU-124 AIRCRAFT
 . TURBOFAN AIRCRAFT
 . . A-7 AIRCRAFT
 . BAC 111 AIRCRAFT
 . BOEING 707 AIRCRAFT
 . BOEING 720 AIRCRAFT
 . BOEING 727 AIRCRAFT
 . BOEING 733 AIRCRAFT
 . BOEING 737 AIRCRAFT
 . BOEING 757 AIRCRAFT
 . BOEING 767 AIRCRAFT
 . C-141 AIRCRAFT
 . CONCORDE AIRCRAFT
 . CV-990 AIRCRAFT
 . DC 8 AIRCRAFT
 . DH 121 AIRCRAFT
 . DO-31 AIRCRAFT
 . F-28 TRANSPORT AIRCRAFT
 . F-111 AIRCRAFT
 . HE-211 AIRCRAFT
 . IL-62 AIRCRAFT
 . MYSTERE 20 AIRCRAFT
 . P-1127 AIRCRAFT
 . P-1154 AIRCRAFT
 . SAAB 37 AIRCRAFT
 . SAAB 105 AIRCRAFT
 . SE-210 AIRCRAFT
 . TU-134 AIRCRAFT
 . TU-144 AIRCRAFT
 . TURBOPROP AIRCRAFT
 . AN-22 AIRCRAFT
 . AN-24 AIRCRAFT
 . ARGOSY MK-1 AIRCRAFT

JET AIRCRAFT-(CONT.)

. AW 650 AIRCRAFT
 . BREGUET 941 AIRCRAFT
 . BREGUET 942 AIRCRAFT
 . BREGUET 1150 AIRCRAFT
 . C-2 AIRCRAFT
 . C-133 AIRCRAFT
 . C-160 AIRCRAFT
 . CL-44 AIRCRAFT
 . CL-84 AIRCRAFT
 . DHC 5 AIRCRAFT
 . DINFIA FA AIRCRAFT
 . ELECTRA AIRCRAFT
 . F-27 AIRCRAFT
 . G-222 AIRCRAFT
 . HS-748 AIRCRAFT
 . MH-260 AIRCRAFT
 . MH-262 AIRCRAFT
 . OV-1 AIRCRAFT
 . OV-10 AIRCRAFT
 . POTEZ 840 AIRCRAFT
 . SC-5 AIRCRAFT
 . VISCOUNT AIRCRAFT
 . YS-11 AIRCRAFT
 . U-2 AIRCRAFT
 . VALIANT AIRCRAFT
 . VAMPIRE MK 35 AIRCRAFT
 . VC-10 AIRCRAFT
 . VICTOR MK-1 AIRCRAFT
 . VJ-101 AIRCRAFT
 . VULCAN AIRCRAFT
 . X-3 AIRCRAFT
 . X-5 AIRCRAFT
 . X-13 AIRCRAFT
 . X-14 AIRCRAFT
 . X-21 AIRCRAFT
 . X-21A AIRCRAFT
 . XC-142 AIRCRAFT
 . XV-4 AIRCRAFT
 . XV-5 AIRCRAFT
 . XV-9A AIRCRAFT
 . YAK 40 AIRCRAFT
 RT ∞AIRCRAFT
 AIRCRAFT NOISE
 ATTACK AIRCRAFT
 B-1 AIRCRAFT
 BOMBER AIRCRAFT
 CARGO AIRCRAFT
 COMMERCIAL AIRCRAFT
 FIGHTER AIRCRAFT
 FLYING PLATFORMS
 GENERAL AVIATION AIRCRAFT
 HYPERSONIC AIRCRAFT
 ∞JETS
 ∞LOW WING AIRCRAFT
 ∞MILITARY AIRCRAFT
 MYSTERE 50 AIRCRAFT
 PASSENGER AIRCRAFT
 RECONNAISSANCE AIRCRAFT
 RESEARCH AIRCRAFT
 SHORT TAKEOFF AIRCRAFT
 ∞SUBSONIC AIRCRAFT
 SUPERSONIC AIRCRAFT
 TAILLESS AIRCRAFT
 TANDEM WING AIRCRAFT
 TERRAIN FOLLOWING AIRCRAFT
 TRAINING AIRCRAFT
 TRANSPORT AIRCRAFT
 TU-154 AIRCRAFT
 TURBOJET ENGINES
 V/STOL AIRCRAFT
 ∞WINGED VEHICLES
 YF-12 AIRCRAFT

JET AIRCRAFT NOISE

UF JET NOISE
 GS ELASTIC WAVES
 . SOUND WAVES
 . . NOISE (SOUND)
 . . . AIRCRAFT NOISE
 JET AIRCRAFT NOISE
 RT ACOUSTIC RETROFITTING
 AERODYNAMIC NOISE
 AIRCRAFT RUNUP
 ENGINE NOISE
 MUFFLERS
 NOISE MEASUREMENT
 NOISE REDUCTION
 QUIET ENGINE PROGRAM
 SONIC BOOMS

JET AIRSTREAMS

USE JET STREAMS (METEOROLOGY)

JET AMPLIFIERS

UF FLUID JET AMPLIFIERS
 GS AMPLIFIERS
 . FLUID AMPLIFIERS
 . . **JET AMPLIFIERS**
 RT COANDA EFFECT
 FLUID JETS
 ∞ JET NOZZLES
 NOZZLE WALLS

JET ASSISTED TAKEOFF

USE JATO ENGINES

JET AUGMENTED WING FLAPS

USE JET FLAPS
 WING FLAPS

JET BLAST EFFECTS

RT ∞ BLASTS
 ∞ EFFECTS
 EXHAUST GASES
 GROUND EFFECT
 NOISE (SOUND)
 PRESSURE EFFECTS
 TEMPERATURE EFFECTS

JET BOUNDARIES

GS BOUNDARIES
 . FLUID BOUNDARIES
 . . **JET BOUNDARIES**
 INTERFACES
 . FLUID BOUNDARIES
 . . **JET BOUNDARIES**
 RT FREE JETS
 LIQUID SURFACES
 WALL JETS

JET CONDENSERS

GS CONDENSERS (LIQUIFIERS)
 . **JET CONDENSERS**
 RT ∞ CONDENSERS
 LIQUEFACTION
 NUCLEATION
 SPRAY CONDENSERS
 WORKING FLUIDS

JET CONTROL

RT AUTOMATIC CONTROL
 BOUNDARY LAYER CONTROL
 ∞ CONTROL
 DIRECTIONAL CONTROL
 SATELLITE ATTITUDE CONTROL
 SATELLITE CONTROL
 THRUST CONTROL
 VARIABLE THRUST

JET DAMPING

USE DAMPING
 SPIN REDUCTION

JET DRAGON AIRCRAFT

USE DH 125 AIRCRAFT

JET DRIVE

USE JET PROPULSION

JET ENGINE FUELS

UF JET FUELS
 GS FUELS
 . CHEMICAL FUELS
 . . HYDROCARBON FUELS
 . . . **JET ENGINE FUELS**
 JP-4 JET FUEL
 JP-5 JET FUEL
 JP-6 JET FUEL
 JP-8 JET FUEL
 LIQUID FUELS
 RT AIRCRAFT FUELS
 ANTIMISTING FUELS
 GASOLINE
 KEROSENE
 TURBINES

JET ENGINES

SN (EXCLUDES HYDROJET ENGINES)
 GS ENGINES
 . AIR BREATHING ENGINES
 . . GAS TURBINE ENGINES
 . . . **JET ENGINES**
 RAMJET ENGINES
 LOW VOLUME RAMJET ENGINES
 PULSEJET ENGINES
 SUPERSONIC COMBUSTION
 RAMJET ENGINES

JET ENGINES-(CONT.)

. TURBORAMJET ENGINES
 TURBOJET ENGINES
 BRISTOL-SIDDELEY OLYMPUS
 593 ENGINE
 BRISTOL-SIDDELEY VIPER
 ENGINE
 DUCTED FAN ENGINES
 J-33 ENGINE
 J-34 ENGINE
 J-40 ENGINE
 J-47 ENGINE
 J-57 ENGINE
 J-57-P-20 ENGINE
 J-65 ENGINE
 J-69-T-25 ENGINE
 J-71 ENGINE
 J-73 ENGINE
 J-75 ENGINE
 J-79 ENGINE
 J-85 ENGINE
 J-93 ENGINE
 RA-28 ENGINE
 TURBOFAN ENGINES
 BRISTOL-SIDDELEY BS 53
 ENGINE
 CF-700 ENGINE
 J-97 ENGINE
 STF-102 ENGINE
 TF-41 ENGINE
 TF-106 ENGINE
 TURBOPROP ENGINES
 T-53 ENGINE
 T-56 ENGINE
 T-64 ENGINE
 T-74 ENGINE
 TURBORAMJET ENGINES
 INTERNAL COMBUSTION ENGINES
 GAS TURBINE ENGINES
 **JET ENGINES**
 RAMJET ENGINES
 LOW VOLUME RAMJET ENGINES
 PULSEJET ENGINES
 SUPERSONIC COMBUSTION
 RAMJET ENGINES
 TURBORAMJET ENGINES
 T-63 ENGINE
 T-76 ENGINE
 TURBOJET ENGINES
 BRISTOL-SIDDELEY OLYMPUS
 593 ENGINE
 BRISTOL-SIDDELEY VIPER
 ENGINE
 DUCTED FAN ENGINES
 J-33 ENGINE
 J-34 ENGINE
 J-40 ENGINE
 J-47 ENGINE
 J-52 ENGINE
 J-57 ENGINE
 J-57-P-20 ENGINE
 J-65 ENGINE
 J-69-T-25 ENGINE
 J-71 ENGINE
 J-73 ENGINE
 J-75 ENGINE
 J-79 ENGINE
 J-85 ENGINE
 J-93 ENGINE
 RA-28 ENGINE
 TURBOFAN ENGINES
 BRISTOL-SIDDELEY BS 53
 ENGINE
 CF-700 ENGINE
 J-97 ENGINE
 STF-102 ENGINE
 TF-30 ENGINE
 TF-41 ENGINE
 TF-106 ENGINE
 TURBOPROP ENGINES
 T-34 ENGINE
 T-38 ENGINE
 T-53 ENGINE
 T-56 ENGINE
 T-64 ENGINE
 T-74 ENGINE
 T-78 ENGINE
 TURBORAMJET ENGINES
 TURBINE ENGINES
 GAS TURBINE ENGINES
 **JET ENGINES**
 RAMJET ENGINES
 LOW VOLUME RAMJET ENGINES
 PULSEJET ENGINES
 SUPERSONIC COMBUSTION
 RAMJET ENGINES

JET ENGINES-(CONT.)

. TURBORAMJET ENGINES
 T-63 ENGINE
 T-76 ENGINE
 TURBOJET ENGINES
 BRISTOL-SIDDELEY OLYMPUS
 593 ENGINE
 BRISTOL-SIDDELEY VIPER
 ENGINE
 DUCTED FAN ENGINES
 J-33 ENGINE
 J-34 ENGINE
 J-40 ENGINE
 J-47 ENGINE
 J-52 ENGINE
 J-57 ENGINE
 J-57-P-20 ENGINE
 J-65 ENGINE
 J-69-T-25 ENGINE
 J-71 ENGINE
 J-73 ENGINE
 J-75 ENGINE
 J-79 ENGINE
 J-85 ENGINE
 J-93 ENGINE
 RA-28 ENGINE
 TURBOFAN ENGINES
 BRISTOL-SIDDELEY BS 53
 ENGINE
 CF-700 ENGINE
 J-97 ENGINE
 STF-102 ENGINE
 TF-30 ENGINE
 TF-41 ENGINE
 TF-106 ENGINE
 TURBOPROP ENGINES
 T-34 ENGINE
 T-38 ENGINE
 T-53 ENGINE
 T-56 ENGINE
 T-64 ENGINE
 T-74 ENGINE
 T-78 ENGINE
 TURBORAMJET ENGINES
 RT AFTERBURNING
 AIRCRAFT ENGINES
 COMBUSTION CHAMBERS
 EJECTORS
 ENGINE STARTERS
 EXHAUST NOZZLES
 FLAMEOUT
 FLYING EJECTION SEATS
 FUEL INJECTION
 FUEL PUMPS
 HELICOPTER ENGINES
 HYBRID PROPELLANT ROCKET ENGINES
 HYBRID PROPULSION
 INFRARED SUPPRESSION
 ∞ JET NOZZLES
 QUIET ENGINE PROGRAM
 REACTION PRODUCTS
 ROCKET ENGINES
 THRUST

JET EXHAUST

UF HOT JET EXHAUST
 RT BASE HEATING
 EXHAUST EMISSION
 EXHAUST GASES
 INFRARED SUPPRESSION
 ROCKET EXHAUST

JET FLAMES

USE FLAMES
 JET FLOW

JET FLAPS

UF JET AUGMENTED WING FLAPS
 GS AIRFOILS
 . FLAPS (CONTROL SURFACES)
 . . **JET FLAPS**
 CONTROL SURFACES
 FLAPS (CONTROL SURFACES)
 **JET FLAPS**
 RT EXTERNALLY BLOWN FLAPS
 H-126 AIRCRAFT
 SHORT TAKEOFF AIRCRAFT
 SPLIT FLAPS
 TRAILING-EDGE FLAPS
 VORTEX FLAPS
 WING FLAPS

JET FLIGHT

USE JET AIRCRAFT

JET FLOW

JET FLOW

UF HOT JETS
JET FLAMES
LAMINAR JETS
REACTION JETS
GS FLUID FLOW
JET FLOW
AIR JETS
PERIPHERAL JET FLOW
SUPERSONIC JET FLOW
RT FLUID JETS
FREE BOUNDARIES
FREE JETS
GAS STREAMS
HYDRAULIC JETS
INJECTORS
JET MEMBRANE PROCESS
JETS
NOZZLE FLOW
SPANWISE BLOWING
TWO DIMENSIONAL JETS
VAPOR JETS
WALL JETS

JET FUELS

USE JET ENGINE FUELS

JET IMPINGEMENT

GS IMPINGEMENT
JET IMPINGEMENT
RT ABLATION
BASE HEATING

JET LAG

GS BIOLOGICAL EFFECTS
JET LAG
DISORIENTATION
JET LAG
PSYCHOLOGICAL EFFECTS
JET LAG
RT DISORDERS
FLIGHT STRESS (BIOLOGY)
RHYTHM (BIOLOGY)
SUPERSONIC FLIGHT

JET LIFT

GS AERODYNAMIC CHARACTERISTICS
LIFT
JET LIFT
AERODYNAMIC FORCES
LIFT
JET LIFT
DYNAMIC CHARACTERISTICS
LIFT
JET LIFT
RT DISTRIBUTION (PROPERTY)

JET MEMBRANE PROCESS

GS ENRICHMENT
ISOTOPIC ENRICHMENT
JET MEMBRANE PROCESS
RT GAS DYNAMICS
ISOTOPE SEPARATION
ISOTOPES
JET FLOW
MEMBRANES
PROCESSES
URANIUM

JET MIXING FLOW

GS FLUID FLOW
JET MIXING FLOW
RT FLUID JETS
FREE BOUNDARIES
FUEL INJECTION
INJECTORS
JETS
MIXING
PREMIXING
TWO DIMENSIONAL JETS

JET NOISE

USE JET AIRCRAFT NOISE

JET NOZZLES

SN (USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)
RT CARBURETORS
CONICAL NOZZLES
EXHAUST DIFFUSERS
EXHAUST NOZZLES
FUEL INJECTION
INJECTORS
JET AMPLIFIERS

JET NOZZLES-(CONT.)

JET ENGINES
SKIRTS

JET PILOTS

USE AIRCRAFT PILOTS

JET PROPULSION

UF JET DRIVE
GS PROPULSION
JET PROPULSION
RT AIRCRAFT ENGINES
CHEMICAL PROPULSION
HELICOPTER PROPELLER DRIVE
MARINE PROPULSION
ROCKET ENGINES
SQUID PROJECT
TURBINES

JET PROVOST AIRCRAFT

UF HUNTING P-84 AIRCRAFT
P-84 AIRCRAFT
GS ATTACK AIRCRAFT
FIGHTER AIRCRAFT
JET PROVOST AIRCRAFT
BAC AIRCRAFT
JET PROVOST AIRCRAFT
JET AIRCRAFT
JET PROVOST AIRCRAFT
MONOPLANES
JET PROVOST AIRCRAFT
TRAINING AIRCRAFT
JET PROVOST AIRCRAFT

JET PUMPS

SN (EXCLUDES DEVICES USING A LIQUID
OR GAS TO INDUCE MOVEMENT OF A
GAS SUCH AS AIR EJECTORS)
GS PUMPS
JET PUMPS
RT EJECTORS
FUEL PUMPS
JETS
PUMPING
TURBINE PUMPS
VACUUM PUMPS

JET STAR AIRCRAFT

USE C-140 AIRCRAFT

JET STREAMS (METEOROLOGY)

UF JET AIRSTREAMS
GS FLUID FLOW
GAS FLOW
AIR FLOW
AIR CURRENTS
JET STREAMS (METEOROLOGY)
WIND (METEOROLOGY)
WINDS ALOFT
JET STREAMS (METEOROLOGY)
RT AIR JETS
ATMOSPHERIC CIRCULATION
CIRCUMPOLAR WESTERLIES
CLEAR AIR TURBULENCE
COANDA EFFECT
FLUID JETS
FREE BOUNDARIES
TURBULENT JETS

JET THRUST

UF REACTION JETS
GS THRUST
JET THRUST
RT COLD GAS
HIGH THRUST
LOW THRUST
MICROTHRUST
ROCKET THRUST
STATIC THRUST
THRUST LOADS
VARIABLE THRUST

JET VANES

GS CONTROL SURFACES
GUIDE VANES
JET VANES
VANES
GUIDE VANES
JET VANES
RT AIRFOILS
THRUST VECTOR CONTROL
WALL JETS

NASA THESAURUS (VOLUME 1)

JETAVATORS

USE GUIDE VANES

JETS

SN (USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)
RT AIR JETS
FLUID JETS
FREE JETS
GAS JETS
INJECTORS
JET AIRCRAFT
JET FLOW
JET MIXING FLOW
JET PUMPS
PLASMA JETS
SPRAYERS
TURBULENT JETS
TWO DIMENSIONAL JETS
WALL JETS

JETSTREAM AIRCRAFT

GS COMMERCIAL AIRCRAFT
JETSTREAM AIRCRAFT
GRUMMAN AIRCRAFT
JETSTREAM AIRCRAFT
JET AIRCRAFT
JETSTREAM AIRCRAFT
PASSENGER AIRCRAFT
JETSTREAM AIRCRAFT
RT AIRCRAFT

JETTIES

USE BREAKWATERS

JETTISON SYSTEMS

RT BAILOUT
EJECTION
EJECTION SEATS
ESCAPE (ABANDONMENT)
ESCAPE SYSTEMS
JETTISONING
SYSTEMS
WING TANKS

JETTISONING

RT BAILOUT
DISPOSAL
DUMPING
EJECTION
EMPTYING
ESCAPE (ABANDONMENT)
EXPULSION
JETTISON SYSTEMS
SPILLING

JF 101 AIRCRAFT

USE F-101 AIRCRAFT

JFET

UF JUNCTION FIELD EFFECT TRANSISTORS
GS ELECTRONIC EQUIPMENT
SOLID STATE DEVICES
SEMICONDUCTOR DEVICES
TRANSISTORS
FIELD EFFECT TRANSISTORS
JFET
JUNCTION TRANSISTORS
JFET
RT BARRIER LAYERS
JUNCTIONS

JIGS

GS POSITIONING DEVICES (MACHINERY)
JIGS
RT CLAMPS
FIXTURES
HOLDERS
MECHANICAL DEVICES
TOOLS

JIM DANDY 2 REENTRY BODY

GS REENTRY VEHICLES
JIM DANDY 2 REENTRY BODY

JIMSPHERE BALLOONS

GS EXPANDABLE STRUCTURES
INFLATABLE STRUCTURES
BALLOONS
HIGH ALTITUDE BALLOONS
JIMSPHERE BALLOONS
METEOROLOGICAL BALLOONS
JIMSPHERE BALLOONS

JIMSPHERE BALLOONS-(CONT.)

RT WIND (METEOROLOGY)

JINDIVIK TARGET AIRCRAFT

GS DRONE VEHICLES
 . DRONE AIRCRAFT
 . . TARGET DRONE AIRCRAFT
 . . . JINDIVIK TARGET AIRCRAFT
 JET AIRCRAFT
 . JINDIVIK TARGET AIRCRAFT
 MONOPLANES
 . JINDIVIK TARGET AIRCRAFT
 PILOTLESS AIRCRAFT
 . DRONE AIRCRAFT
 . . TARGET DRONE AIRCRAFT
 . . . JINDIVIK TARGET AIRCRAFT
 TARGETS
 . JINDIVIK TARGET AIRCRAFT
 RT . AIRCRAFT
 REMOTELY PILOTED VEHICLES

JITTER

USE VIBRATION

JOBS

USE TASKS

JODRELL BANK OBSERVATORY

GS OBSERVATORIES
 . JODRELL BANK OBSERVATORY
 RT ASTRONOMICAL OBSERVATORIES
 GROUND STATIONS
 RADIO TELESCOPES
 TRACKING STATIONS

JOHNSTON ISLAND

GS LANDFORMS
 . ISLANDS
 . . PACIFIC ISLANDS
 . . . JOHNSTON ISLAND

JOINING

SN *(USE OF A MORE SPECIFIC TERM IS
 RECOMMENDED--CONSULT THE TERMS
 LISTED BELOW)*

UF INTERCONNECTION
 LINKING

RT ADHESION
 ADHESIVE BONDING
 ASSEMBLING
 BEAM LEADS
 BINDING
 BONDING
 BRAZING
 COLD WORKING
 COUPLINGS
 CROSSLINKING
 FITTING
 FUSION (MELTING)
 INERTIA BONDING
 JOINTS (JUNCTIONS)
 LOCKING
 MOORING
 MOUNTING
 POSITIONING
 RETAINING
 RIVETING
 SEALING
 SEWING
 SOLDERING
 SPLICING
 ULTRASONIC SOLDERING
 WELDING
 YOKES

JOINTS (ANATOMY)

GS ANATOMY
 . MUSCULOSKELETAL SYSTEM
 . . JOINTS (ANATOMY)
 . . . ELBOW (ANATOMY)
 . . . KNEE (ANATOMY)
 . . . WRIST
 RT ARTHRITIS
 BONES
 CONNECTIVE TISSUE
 FLEXORS
 LIGAMENTS
 SHOULDERS

JOINTS (JUNCTIONS)

UF CONNECTIONS

SHANKS

GS JOINTS (JUNCTIONS)
 . BEAM LEADS
 . BUTT JOINTS

JOINTS (JUNCTIONS)-(CONT.)

. LAP JOINTS
 . METAL JOINTS
 . . SOLDERED JOINTS
 . . . WELDED JOINTS
 . . . SPOT WELDS
 . RIVETED JOINTS
 . SEAMS (JOINTS)
 RT ADAPTERS
 ADHESIVES
 BALLS
 BARRIER LAYERS
 BONDING
 CLOSURES
 CONNECTORS
 CORNERS
 COUPLINGS
 FASTENERS
 FILLETS
 FITTINGS
 JOINING
 JOINTS
 LINKAGES
 METAL BONDING
 SLEEVES
 STRUCTURAL MEMBERS
 SWIVELS
 UNIONS (CONNECTORS)

JORDAN

RT NATIONS

JORDAN FORM

GS ALGEBRA
 . VECTOR SPACES
 . . MATRICES (MATHEMATICS)
 . . . JORDAN FORM
 RT EIGENVALUES
 LINEAR TRANSFORMATIONS
 TENSORS

JOSEPHSON JUNCTIONS

RT SQUID (DETECTORS)
 SUPERCONDUCTIVITY

JOUKOWSKI TRANSFORMATION

RT AIRFOIL PROFILES
 COMPLEX VARIABLES
 COORDINATE TRANSFORMATIONS
 KUTTA-JOUKOWSKI CONDITION
 THEODORSEN TRANSFORMATION

JOULE HEATING

USE OHMIC DISSIPATION
 RESISTANCE HEATING

JOULE-THOMSON EFFECT

RT CRYOGENICS
 ENTHALPY
 GAS EXPANSION
 GAS FLOW
 KINETIC THEORY
 OHMIC DISSIPATION
 THERMODYNAMIC PROPERTIES
 THERMODYNAMICS
 THROTTLING

JOURNAL BEARINGS

GS BEARINGS
 . JOURNAL BEARINGS
 RT ANTIFRICTION BEARINGS

JOURNALS

SN *(USE OF A MORE SPECIFIC TERM IS
 RECOMMENDED--CONSULT THE TERMS
 LISTED BELOW)*

RT NEWS MEDIA
 PERIODICALS
 SHAFTS (MACHINE ELEMENTS)

JOURNALS (DOCUMENTS)

USE PERIODICALS

JOURNALS (SHAFTS)

USE SHAFTS (MACHINE ELEMENTS)

JOURNEYMAN ROCKET VEHICLE

GS ROCKET VEHICLES
 . MULTISTAGE ROCKET VEHICLES
 . . JOURNEYMAN ROCKET VEHICLE
 . . . SOUNDING ROCKETS
 . . . JOURNEYMAN ROCKET VEHICLE
 RT ARGO D-8 ROCKET VEHICLE
 SERGEANT MISSILES

JOURNEYMAN ROCKET VEHICLE-(CONT.)

SOLID PROPELLANT ROCKET ENGINES
 TX-354 ENGINE
 XM-33 ENGINE

JP-4 JET FUEL

GS FUELS
 . CHEMICAL FUELS
 . . HYDROCARBON FUELS
 . . . JET ENGINE FUELS
 JP-4 JET FUEL
 RT JP-6 JET FUEL
 JP-8 JET FUEL
 RP-1 ROCKET PROPELLANTS

JP-5 JET FUEL

GS FUELS
 . CHEMICAL FUELS
 . . HYDROCARBON FUELS
 . . . JET ENGINE FUELS
 JP-5 JET FUEL

JP-6 JET FUEL

GS FUELS
 . CHEMICAL FUELS
 . . HYDROCARBON FUELS
 . . . JET ENGINE FUELS
 JP-6 JET FUEL
 RT JP-4 JET FUEL
 JP-8 JET FUEL

JP-8 JET FUEL

GS FUELS
 . CHEMICAL FUELS
 . . HYDROCARBON FUELS
 . . . JET ENGINE FUELS
 JP-8 JET FUEL
 RT JP-4 JET FUEL
 JP-6 JET FUEL
 KEROSENE

JUDGMENTS

RT DECISION MAKING
 DECISIONS
 LEGAL LIABILITY
 PENALTIES

JUDI-DART ROCKET

GS MEASURING INSTRUMENTS
 . SONDES
 . . JUDI-DART ROCKET
 ROCKET VEHICLES
 . SOUNDING ROCKETS
 . . JUDI-DART ROCKET
 RT ROCKET SOUNDING

JUICES

GS LIQUIDS
 . JUICES
 RT CREATINE

JUMPERS

GS CONDUCTORS
 . ELECTROLYTES
 . . JUMPERS
 RT CONNECTORS
 SHORT CIRCUITS
 . TERMINALS
 . WIRE

JUNCTION DIODES

GS ELECTRONIC EQUIPMENT
 . DIODES
 . . SEMICONDUCTOR DIODES
 . . . JUNCTION DIODES
 . . . SOLID STATE DEVICES
 . . . SEMICONDUCTOR DEVICES
 . . . JUNCTION DIODES
 MIM DIODES
 STEP RECOVERY DIODES
 RT BARRIER LAYERS
 BARRITT DIODES
 GERMANIUM DIODES
 HETEROJUNCTION DEVICES
 HETEROJUNCTIONS
 TUNNEL DIODES
 VARACTOR DIODES

JUNCTION FIELD EFFECT TRANSISTORS

USE JFET

JUNCTION TRANSISTORS

GS ELECTRONIC EQUIPMENT
 . SOLID STATE DEVICES

JUNCTIONS

JUNCTION TRANSISTORS-(CONT.)

... SEMICONDUCTOR DEVICES
... TRANSISTORS
... JUNCTION TRANSISTORS
... JFET
RT BARRIER LAYERS
EPITAXY
ION IMPLANTATION
∞ JUNCTIONS
MBM JUNCTIONS
PHOTOTRANSISTORS
THYRISTORS

∞ JUNCTIONS

SN (USE OF A MORE SPECIFIC TERM IS
RECOMMENDED-CONSULT THE TERMS
LISTED BELOW)
RT CONNECTORS
INTERSECTIONS
JFET
JOINTS (JUNCTIONS)
JUNCTION TRANSISTORS
P-N-P-N JUNCTIONS
SEMICONDUCTOR DEVICES
SEMICONDUCTOR JUNCTIONS

JUNGLES

USE TROPICAL REGIONS

JUNO LAUNCH VEHICLES

GS LAUNCH VEHICLES
... JUNO LAUNCH VEHICLES
... JUNO 1 LAUNCH VEHICLE
... JUNO 2 LAUNCH VEHICLE
... JUNO 5 LAUNCH VEHICLE
RT LIQUID PROPELLANT ROCKET ENGINES
SOLID PROPELLANT ROCKET ENGINES

JUNO 1 LAUNCH VEHICLE

GS LAUNCH VEHICLES
... JUNO LAUNCH VEHICLES
... JUNO 1 LAUNCH VEHICLE
ROCKET VEHICLES
... MULTISTAGE ROCKET VEHICLES
... JUNO 1 LAUNCH VEHICLE
RT EXPLORER SATELLITES
JUPITER C ROCKET VEHICLE
LIQUID PROPELLANT ROCKET ENGINES
SERGEANT MISSILES
SOLID PROPELLANT ROCKET ENGINES

JUNO 2 LAUNCH VEHICLE

GS LAUNCH VEHICLES
... JUNO LAUNCH VEHICLES
... JUNO 2 LAUNCH VEHICLE
ROCKET VEHICLES
... MULTISTAGE ROCKET VEHICLES
... JUNO 2 LAUNCH VEHICLE
RT EXPLORER S-46 SATELLITE
EXPLORER 11 SATELLITE
JUPITER MISSILE
LIQUID PROPELLANT ROCKET ENGINES
PIONEER SPACE PROBES
PIONEER 3 SPACE PROBE
PIONEER 4 SPACE PROBE
PIONEER 6 SPACE PROBE
PIONEER 7 SPACE PROBE
PIONEER 8 SPACE PROBE
SERGEANT MISSILES
SOLID PROPELLANT ROCKET ENGINES

JUNO 5 LAUNCH VEHICLE

GS LAUNCH VEHICLES
... JUNO LAUNCH VEHICLES
... JUNO 5 LAUNCH VEHICLE
ROCKET VEHICLES
... MULTISTAGE ROCKET VEHICLES
... JUNO 5 LAUNCH VEHICLE
RT BOOSTER ROCKET ENGINES
H-1 ENGINE
LIQUID PROPELLANT ROCKET ENGINES
M-1 ENGINE

JUPITER (PLANET)

GS CELESTIAL BODIES
... PLANETS
... GAS GIANT PLANETS
... JUPITER (PLANET)
RT AMALTHEA
AMOR ASTEROID
APOLLO ASTEROIDS
CALLISTO
EUROPA
GALILEAN SATELLITES
GALILEO PROBE

JUPITER (PLANET)-(CONT.)

GALILEO SPACECRAFT
GANYMEDE
IO
JUPITER ATMOSPHERE
JUPITER PROBES
JUPITER RED SPOT
JUPITER RINGS
VOYAGER 1 SPACECRAFT
VOYAGER 2 SPACECRAFT
VOYAGER 1977 MISSION

JUPITER ATMOSPHERE

GS ENVIRONMENTS
... EXTRATERRESTRIAL ENVIRONMENTS
... PLANETARY ENVIRONMENTS
... PLANETARY ATMOSPHERES
... JUPITER ATMOSPHERE
RT AEROSPACE ENVIRONMENTS
GALILEO PROJECT
GEOPHYSICAL FLUID FLOW CELLS
JUPITER (PLANET)
JUPITER RINGS

JUPITER C ROCKET VEHICLE

GS ROCKET VEHICLES
... MULTISTAGE ROCKET VEHICLES
... JUPITER C ROCKET VEHICLE
RT EXPLORER SATELLITES
JUNO 1 LAUNCH VEHICLE
JUPITER MISSILE
LAUNCH VEHICLES
LIQUID PROPELLANT ROCKET ENGINES
SERGEANT MISSILES
SOLID PROPELLANT ROCKET ENGINES

JUPITER MISSILE

GS MISSILES
... BALLISTIC MISSILES
... INTERMEDIATE RANGE BALLISTIC
MISSILES
... JUPITER MISSILE
... SURFACE TO SURFACE MISSILES
... INTERMEDIATE RANGE BALLISTIC
MISSILES
RT ... JUPITER MISSILE
JUNO 2 LAUNCH VEHICLE
JUPITER C ROCKET VEHICLE
LIQUID PROPELLANT ROCKET ENGINES

JUPITER PROBES

GS INTERPLANETARY SPACECRAFT
... JUPITER PROBES
... GALILEO PROBE
... GALILEO SPACECRAFT
UNMANNED SPACECRAFT
... SPACE PROBES
... JUPITER PROBES
... GALILEO PROBE
... GALILEO SPACECRAFT
RT GALILEO PROJECT
JUPITER (PLANET)
VOYAGER 1 SPACECRAFT
VOYAGER 2 SPACECRAFT
VOYAGER 1977 MISSION

JUPITER PROJECT

GS PROGRAMS
... NASA PROGRAMS
... JUPITER PROJECT
... PROJECTS
... JUPITER PROJECT
... SPACE PROGRAMS
... JUPITER PROJECT
RT LAUNCH VEHICLES

JUPITER RED SPOT

RT GAS GIANT PLANETS
JUPITER (PLANET)
PLANETARY SURFACES
PLANETS
SURFACE PROPERTIES
TOPOGRAPHY

JUPITER RINGS

GS CELESTIAL BODIES
... JUPITER RINGS
RT JUPITER (PLANET)
JUPITER ATMOSPHERE
PLANETARY COMPOSITION
PLANETARY STRUCTURE
PLANETOLOGY
∞ RINGS
SATURN RINGS
SPACE EXPLORATION

NASA THESAURUS (VOLUME 1)

JUPITER RINGS-(CONT.)

URANUS RINGS
VOYAGER 1 SPACECRAFT

J93-MJ252H ENGINE

USE J-93 ENGINE

J93-MJ280G ENGINE

USE J-93 ENGINE

K

K BAND

USE EXTREMELY HIGH FREQUENCIES

K LINES

GS SPECTRA
... RADIATION SPECTRA
... ELECTROMAGNETIC SPECTRA
... LINE SPECTRA
... K LINES
RT ABSORPTION SPECTRA
EMISSION SPECTRA
H LINES

K-MESONS

GS PARTICLES
... ELEMENTARY PARTICLES
... BOSONS
... MESONS
... K-MESONS
... HADRONS
... MESONS
... K-MESONS
... NUCLEAR PARTICLES
... BOSONS
... MESONS
... K-MESONS
RT BARYONS
CHARGED PARTICLES
KAONS
POMERANCHUK THEOREM

KA BAND

USE EXTREMELY HIGH FREQUENCIES

KA-6 SAILPLANES

UF SCHLEICHER KA-6 SAILPLANE
GS GLIDERS
RT ∞ KA-6 SAILPLANES
∞ AIRCRAFT
GLIDING
SAILWINGS
∞ WINGED VEHICLES

KAG-3 GROUND EFFECT MACHINE

UF KAWASAKI KAG-3 GROUND EFFECT
MACHINE
GS GROUND EFFECT MACHINES
... KAG-3 GROUND EFFECT MACHINE
RT WATER TAKEOFF AND LANDING
AIRCRAFT

KAKUTANI THEOREM

GS THEOREMS
... KAKUTANI THEOREM
RT LATTICES (MATHEMATICS)
STOCHASTIC PROCESSES
VECTOR SPACES

KALIHARI BASIN (AFRICA)

GS LANDFORMS
... STRUCTURAL BASINS
... KALIHARI BASIN (AFRICA)
RT AFRICA
DESERTS
REPUBLIC OF SOUTH AFRICA

KALMAN FILTERS

GS LINEAR FILTERS
... KALMAN FILTERS
RT ELECTRIC FILTERS
∞ FILTERS
NAVIGATION AIDS
OPTIMIZATION
REDUCED ORDER FILTERS

KALMAN-SCHMIDT FILTERING

RT ∞ APPLICATIONS OF MATHEMATICS
FEEDBACK CONTROL
INERTIAL PLATFORMS

KALMAN-SCHMIDT FILTERING-(CONT.)

NAVIGATION INSTRUMENTS
OPTIMAL CONTROL
OPTIMIZATION
REMOTE CONTROL
STOCHASTIC PROCESSES
TIME SERIES ANALYSIS

KAMACITE

GS ALLOYS
 . NICKEL ALLOYS
 . **KAMACITE**
 MINERALS
 . **KAMACITE**
RT IRON ALLOYS
 IRON METEORITES
 METEORITIC COMPOSITION

KAMAN AIRCRAFT

GS **KAMAN AIRCRAFT**
 . H-43 HELICOPTER
 . HH-43 HELICOPTER
 . UH-2 HELICOPTER
RT ∞ AIRCRAFT

KAMAN UH-2A HELICOPTER

USE UH-2 HELICOPTER

KANSAS

GS UNITED STATES OF AMERICA
 . **KANSAS**
RT MISSOURI RIVER (US)

KAOLINITE

GS ALUMINUM COMPOUNDS
 . ALUMINUM SILICATES
 . **KAOLINITE**
 CLAYS
 . **KAOLINITE**
 MINERALS
 . **KAOLINITE**
 SILICON COMPOUNDS
 . ALUMINUM SILICATES
 . **KAOLINITE**
 . SILICATES
 . **KAOLINITE**
RT ALUMINUM OXIDES
 ION EXCHANGING
 SOILS

KAON PRODUCTION

GS PARTICLE PRODUCTION
 . **KAON PRODUCTION**
RT KAONS
 PARTICLE ACCELERATORS

KAONS

GS PARTICLES
 . ELEMENTARY PARTICLES
 . BOSONS
 . MESONS
 . **KAONS**
 NUCLEAR PARTICLES
 . BOSONS
 . MESONS
 . **KAONS**
RT CHARGED PARTICLES
 K-MESONS
 KAON PRODUCTION
 PIONS

KAPITZA RESISTANCE

RT ∞ RESISTANCE

KAPOETA ACHONDRITE

GS CELESTIAL BODIES
 . METEORITES
 . STONY METEORITES
 . ACHONDRITES
 . **KAPOETA ACHONDRITE**

KAPPA ROCKET VEHICLES

GS ROCKET VEHICLES
 . MULTISTAGE ROCKET VEHICLES
 . **KAPPA ROCKET VEHICLES**
 . **KAPPA 6 ROCKET VEHICLE**
 . **KAPPA 8 ROCKET VEHICLE**
 . **KAPPA 9 ROCKET VEHICLE**
 . SOUNDING ROCKETS
 . **KAPPA ROCKET VEHICLES**
 . **KAPPA 6 ROCKET VEHICLE**
 . **KAPPA 8 ROCKET VEHICLE**
 . **KAPPA 9 ROCKET VEHICLE**
RT SOLID PROPELLANT ROCKET ENGINES

KAPPA 6 ROCKET VEHICLE

GS ROCKET VEHICLES
 . MULTISTAGE ROCKET VEHICLES
 . **KAPPA ROCKET VEHICLES**
 . **KAPPA 6 ROCKET VEHICLE**
 . SOUNDING ROCKETS
 . **KAPPA ROCKET VEHICLES**
 . **KAPPA 6 ROCKET VEHICLE**
RT SOLID PROPELLANT ROCKET ENGINES

KAPPA 8 ROCKET VEHICLE

GS ROCKET VEHICLES
 . MULTISTAGE ROCKET VEHICLES
 . **KAPPA ROCKET VEHICLES**
 . **KAPPA 8 ROCKET VEHICLE**
 . SOUNDING ROCKETS
 . **KAPPA ROCKET VEHICLES**
 . **KAPPA 8 ROCKET VEHICLE**
RT SOLID PROPELLANT ROCKET ENGINES

KAPPA 9 ROCKET VEHICLE

GS ROCKET VEHICLES
 . MULTISTAGE ROCKET VEHICLES
 . **KAPPA ROCKET VEHICLES**
 . **KAPPA 9 ROCKET VEHICLE**
 . SOUNDING ROCKETS
 . **KAPPA ROCKET VEHICLES**
 . **KAPPA 9 ROCKET VEHICLE**
RT SOLID PROPELLANT ROCKET ENGINES

KAPTON (TRADEMARK)

GS POLYMERIC FILMS
 . **KAPTON (TRADEMARK)**
RT ∞ FILMS
 PLASTICS
 ∞ POLYMERS

KARHUNEN-LOEVE EXPANSION

GS DATA PROCESSING
 . **KARHUNEN-LOEVE EXPANSION**
 EXPANSION
 . **KARHUNEN-LOEVE EXPANSION**

KARL FISCHER REAGENT

GS CHEMICAL TESTS
 . CHEMICAL ANALYSIS
 . **KARL FISCHER REAGENT**
RT DIOXIDES
 METHYL ALCOHOLS
 PYRIDINES
 QUANTITATIVE ANALYSIS

KARMAN VORTEX STREET

GS VORTEX STREETS
 . **KARMAN VORTEX STREET**
RT AEOLIAN TONES
 SUBSONIC FLOW
 VON KARMAN EQUATION
 VORTICITY EQUATIONS

KARMAN-BODEWADT FLOW

GS FLUID FLOW
 . AXISYMMETRIC FLOW
 . **KARMAN-BODEWADT FLOW**
 . VISCOUS FLOW
 . **KARMAN-BODEWADT FLOW**
 TRANSLATIONAL MOTION
 . **KARMAN-BODEWADT FLOW**
RT ROTATING DISKS
 ROTATING FLUIDS

KARST

GS **KARST**
 . SINKHOLES
RT CAVES
 CAVITIES
 KETTLES (GEOLOGY)
 ∞ RIDGES
 ROCKS

KAWASAKI AIRCRAFT

GS **KAWASAKI AIRCRAFT**
 . KH-4 HELICOPTER
RT ∞ AIRCRAFT

KAWASAKI KAG-3 GROUND EFFECT MACHINE

USE KAG-3 GROUND EFFECT MACHINE

KAWASAKI KH-4 HELICOPTER

USE KH-4 HELICOPTER

KC-130 AIRCRAFT

USE C-130 AIRCRAFT

KC-135 AIRCRAFT

USE C-135 AIRCRAFT

KEELS

GS HYDROFOILS
 . **KEELS**
RT BOATS
 HULLS (STRUCTURES)
 LONGERONS
 SHIPS
 STABILIZERS (FLUID DYNAMICS)

KEL-F

GS HALOGEN COMPOUNDS
 . FLUORINE COMPOUNDS
 . FLUORO COMPOUNDS
 . FLUORINE ORGANIC COMPOUNDS
 . **KEL-F**
 ORGANIC COMPOUNDS
 . FLUORINE ORGANIC COMPOUNDS
 . **KEL-F**
RT COPOLYMERS
 ∞ POLYMERS

KELP

USE SEAWEEDS

KELVIN-HELMHOLTZ INSTABILITY

RT COLLISIONLESS PLASMAS
 FLOW STABILITY
 ∞ HELMHOLTZ EQUATIONS
 MAGNETOHYDRODYNAMIC FLOW
 MAGNETOHYDRODYNAMIC STABILITY
 MASS FLOW
 NONUNIFORM PLASMAS
 PLASMAS (PHYSICS)
 SUPERFLUIDITY

KENTUCKY

GS UNITED STATES OF AMERICA
 . **KENTUCKY**
RT OHIO RIVER (US)
 TENNESSEE VALLEY (AL-KY-TN)

KENYA

RT AFRICA
 NATIONS

KEPLER LAWS

GS CLASSICAL MECHANICS
 . SPACE MECHANICS
 . ORBITAL MECHANICS
 . **KEPLER LAWS**
 LAWS
 . **KEPLER LAWS**

KERATINS

GS PROTEINS
 . **KERATINS**
RT HAIR
 WOOL

KERATITIS

GS DISEASES
 . EYE DISEASES
 . **KERATITIS**
RT CONJUNCTIVA
 CORNEA

KERNEL FUNCTIONS

GS ANALYSIS (MATHEMATICS)
 . REAL VARIABLES
 . **KERNEL FUNCTIONS**
 FUNCTIONS (MATHEMATICS)
 . **KERNEL FUNCTIONS**
RT MELLIN TRANSFORMS

KEROGEN

GS HYDROCARBONS
 . **KEROGEN**
RT EARTH RESOURCES
 FUEL OILS
 FUELS
 GASOLINE
 GREASES
 HYDROCARBON FUELS
 KEROSENE
 LUBRICANTS
 OILS
 SHALE OIL

KEROSENE

GS FUELS
 . **KEROSENE**

KEROSENE POISONING

KEROSENE-(CONT.)

RT . . LIQUID FUELS
ANTIMISTING FUELS
DIESEL FUELS
FUEL OILS
GASOLINE
HYDROCARBON FUELS
JET ENGINE FUELS
JP-8 JET FUEL
KEROGEN
PARAFFINS
RP-1 ROCKET PROPELLANTS
SHALE OIL

KEROSENE POISONING

RT HYDROCARBON POISONING
IMMUNOLOGY
TOXINS AND ANTITOXINS

KERR CELLS

RT CAMERA SHUTTERS
∞ CELLS
ELECTRIC CELLS
POLARIZED ELECTROMAGNETIC
RADIATION
POLARIZERS

∞ KERR EFFECTS

SN *(USE OF A MORE SPECIFIC TERM IS
RECOMMENDED-CONSULT THE TERMS
LISTED BELOW)*
RT ELECTRO-OPTICAL EFFECT
KERR ELECTROOPTICAL EFFECT
KERR MAGNETOOPTICAL EFFECT
MAGNETIC FIELDS

KERR ELECTROOPTICAL EFFECT

RT ELECTRO-OPTICS
ELECTROMAGNETIC RADIATION
∞ KERR EFFECTS
KERR MAGNETOOPTICAL EFFECT
LASERS
LIGHT MODULATION
OPTICAL PROPERTIES
POLARIZATION (WAVES)

KERR MAGNETOOPTICAL EFFECT

GS ELECTROMAGNETIC PROPERTIES
KERR MAGNETOOPTICAL EFFECT
RT FARADAY EFFECT
∞ KERR EFFECTS
KERR ELECTROOPTICAL EFFECT
MAGNETO-OPTICS
OPTICAL PROPERTIES
POLARIZATION (WAVES)
POLARIZED LIGHT

KESTREL AIRCRAFT

USE P-1127 AIRCRAFT

KETENES

GS ALIPHATIC COMPOUNDS
KETENES
RT KETONES

KETONES

GS ALIPHATIC COMPOUNDS
KETONES
ACETONE
ACETYLACETONE
ANTHRAQUINONES
CAMPHOR
NEMBTAL (TRADEMARK)
PENTANONE
TRIMETHADIONE
RT KETENES

KETTLES (GEOLOGY)

GS GEOLOGY
KETTLES (GEOLOGY)
LANDFORMS
STRUCTURAL BASINS
KETTLES (GEOLOGY)
RT CAVES
CAVITIES
EARTH RESOURCES
GLACIAL DRIFT
KARST
LAKES
SINKHOLES

KEVLAR (TRADEMARK)

GS PLASTICS
SYNTHETIC RESINS

KEVLAR (TRADEMARK)-(CONT.)

. . THERMOSETTING RESINS
. . . FURAN RESINS
. . . . POLYAMIDE RESINS
. . . . KEVLAR (TRADEMARK)
RESINS
SYNTHETIC RESINS
THERMOSETTING RESINS
. . . FURAN RESINS
. . . . POLYAMIDE RESINS
. . . . KEVLAR (TRADEMARK)
RT NONFLAMMABLE MATERIALS
SYNTHETIC FIBERS

KEYING

GS KEYING
FREQUENCY SHIFT KEYING
PHASE SHIFT KEYING
RT MORSE CODE
RADIO TELEGRAPHY
TELEPRINTERS
TELETYPEWRITERS

KEYS (ISLANDS)

UF CAYS
GS LANDFORMS
ISLANDS
KEYS (ISLANDS)
RT CORAL REEFS
EARTH RESOURCES
ISLAND ARCS
OCEANS

KH-4 HELICOPTER

UF KAWASAKI KH-4 HELICOPTER
GS GENERAL AVIATION AIRCRAFT
KH-4 HELICOPTER
KAWASAKI AIRCRAFT
KH-4 HELICOPTER
LIGHT AIRCRAFT
KH-4 HELICOPTER
UTILITY AIRCRAFT
KH-4 HELICOPTER
V/STOL AIRCRAFT
ROTARY WING AIRCRAFT
HELICOPTERS
KH-4 HELICOPTER

KIDNEY DISEASES

GS DISEASES
KIDNEY DISEASES
NEPHRITIS
RT CHOLERA

KIDNEYS

GS ANATOMY
ORGANS
KIDNEYS
VISCERA
ORGANS
KIDNEYS
RT RENAL FUNCTION
URINE
UROLITHIASIS
UROLOGY

KILOMETER WAVE ORBITING TELESCOPE

GS TELESCOPES
ASTRONOMICAL TELESCOPES
KILOMETER WAVE ORBITING
TELESCOPE
RADIO TELESCOPES
KILOMETER WAVE ORBITING
TELESCOPE

KILOMETRIC WAVES

GS ELECTROMAGNETIC RADIATION
KILOMETRIC WAVES
RT ∞ WAVES

KIMBERLITE

USE BIOTITE
PERIDOTITE

KINEMATIC EQUATIONS

GS EQUATIONS OF MOTION
KINETIC EQUATIONS
KINEMATIC EQUATIONS

KINEMATICS

GS KINEMATICS
BODY KINEMATICS
RT ACCELERATION (PHYSICS)
∞ DYNAMICS

NASA THESAURUS (VOLUME 1)

KINEMATICS-(CONT.)

EQUATIONS OF MOTION
HODOGRAPHS
KINETICS
∞ MECHANICS (PHYSICS)
MICROWAVE REFLECTOMETERS
∞ MOTION
NUTATION
VELOCITY

KINESCOPES

USE PICTURE TUBES

KINESTHESIA

GS PERCEPTION
SENSORY PERCEPTION
KINESTHESIA
RT PROPRIOCEPTION

KINESTHESIS

USE PROPRIOCEPTION

KINETIC ENERGY

UF MOMENTUM ENERGY
GS KINETICS
KINETIC ENERGY
RT CHEMICAL ENERGY
ELECTRON ENERGY
∞ ENERGY
EQUIPARTITION THEOREM
FROUDE NUMBER
HYDRODYNAMIC RAM EFFECT
INTERNAL ENERGY
LAGRANGE SIMILARITY HYPOTHESIS
PARTICLE ENERGY
POTENTIAL ENERGY
PROTON ENERGY
THERMAL ENERGY
VIRIAL THEOREM
WORK
ZERO POINT ENERGY

KINETIC EQUATIONS

GS EQUATIONS OF MOTION
KINETIC EQUATIONS
HYDRODYNAMIC EQUATIONS
HELMHOLTZ VORTICITY EQUATION
KINEMATIC EQUATIONS
RT BBGKY HIERARCHY
BETHE-SALPETER EQUATION
EINSTEIN EQUATIONS
PARTIAL DIFFERENTIAL EQUATIONS
VIRIAL THEOREM

KINETIC FRICTION

GS FRICTION
KINETIC FRICTION
SLIDING FRICTION
RT COEFFICIENT OF FRICTION
DRY FRICTION
FRICTION MEASUREMENT
STATIC FRICTION

KINETIC HEATING

GS HEATING
KINETIC HEATING
SHOCK HEATING
RT GAS HEATING
MAGNETIC PUMPING
PLASMA HEATING

KINETIC THEORY

GS KINETIC THEORY
CHAPMAN-ENSKOG THEORY
TRANSPORT THEORY
EYRING THEORY
MIXING LENGTH FLOW THEORY
RT BINARY FLUIDS
BOLTZMANN DISTRIBUTION
BOLTZMANN TRANSPORT EQUATION
DIFFUSION
DIFFUSION THEORY
DIFFUSION WAVES
DYNAMIC PRESSURE
EQUATIONS OF STATE
FREE MOLECULAR FLOW
GAS TRANSPORT
GASEOUS SELF-DIFFUSION
IDEAL GAS
JOULE-THOMSON EFFECT
KNUDSEN FLOW
KROOK EQUATION
LORENTZ GAS
MASS FLOW

KINETIC THEORY-(CONT.)

MAXWELL-BOLTZMANN DENSITY
FUNCTION
MOBILITY
MOMENTUM TRANSFER
MORSE POTENTIAL
REAL GASES
∞ THEORIES
TRANSPORT PROPERTIES

KINETICS

GS

KINETICS

. ELECTROKINETICS
. KINETIC ENERGY
. NEWTON SECOND LAW
. NEWTON THEORY
. REACTION KINETICS
. VARIABLE MASS SYSTEMS

RT

ACCELERATION (PHYSICS)
ANGULAR MOMENTUM
BODY KINEMATICS

∞ DYNAMICS

FLUID DYNAMICS
FLUID MECHANICS

∞ FORCE

GAS DYNAMICS
HYDROMECHANICS
IDEAL GAS
KINEMATICS

∞ MECHANICS (PHYSICS)

MOMENTUM TRANSFER
MOTION AFTEREFFECTS
NEWTON

∞ PARTICLE COLLISIONS

∞ PHYSICS

VELOCITY

KINOFORM

GS

DISPLAY DEVICES

. KINOFORM

IMAGERY

. KINOFORM

RT

COMPUTER PROGRAMMING
HOLOGRAPHY

∞ KIRCHHOFF LAW

SN

(USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)

RT

KIRCHHOFF LAW OF NETWORKS
KIRCHHOFF LAW OF RADIATION

KIRCHHOFF LAW OF NETWORKS

RT

CIRCUITS
ELECTRIC CURRENT
ELECTRIC POTENTIAL
∞ KIRCHHOFF LAW
NETWORK ANALYSIS
NETWORK SYNTHESIS

KIRCHHOFF LAW OF RADIATION

GS

LAWS

. RADIATION LAWS

. KIRCHHOFF LAW OF RADIATION

RT

ABSORPTIVITY
BLACK BODY RADIATION

∞ KIRCHHOFF LAW

∞ RADIATION

STEFAN-BOLTZMANN LAW
THERMODYNAMICS

KIRCHHOFF-HELMHOLTZ FLOW

USE

PIPE FLOW

KIRCHHOFF-HUYGENS PRINCIPLE

USE

DIFFRACTION
WAVE PROPAGATION

KIRKENDALL EFFECT

RT

DIFFUSION THEORY
DIFFUSION WELDING
DIFFUSIVITY
∞ EFFECTS
THERMAL DIFFUSION

KITE BALLOONS

USE

TETHERED BALLOONS

KITS

RT

FIRST AID
SURVIVAL
TOOLS

KIWI B REACTORS

GS

NUCLEAR ELECTRIC POWER
GENERATION
. NUCLEAR POWER REACTORS
. KIWI REACTORS
. KIWI B REACTORS

. KIWI B-1 REACTOR

. KIWI B-2 REACTOR

. KIWI B-4 REACTOR

. KIWI B-5 REACTOR

NUCLEAR REACTORS

. GAS COOLED REACTORS

. KIWI REACTORS

. KIWI B REACTORS

. KIWI B-1 REACTOR

. KIWI B-2 REACTOR

. KIWI B-4 REACTOR

. KIWI B-5 REACTOR

. NUCLEAR POWER REACTORS

. KIWI REACTORS

. KIWI B REACTORS

. KIWI B-1 REACTOR

. KIWI B-2 REACTOR

. KIWI B-4 REACTOR

. KIWI B-5 REACTOR

. NUCLEAR RESEARCH AND TEST

REACTORS

. KIWI REACTORS

. KIWI B REACTORS

. KIWI B-1 REACTOR

. KIWI B-2 REACTOR

. KIWI B-4 REACTOR

. KIWI B-5 REACTOR

KIWI B-1 REACTOR

GS

NUCLEAR ELECTRIC POWER
GENERATION
. NUCLEAR POWER REACTORS
. KIWI REACTORS
. KIWI B REACTORS
. KIWI B-1 REACTOR

NUCLEAR REACTORS

. GAS COOLED REACTORS

. KIWI REACTORS

. KIWI B REACTORS

. KIWI B-1 REACTOR

. NUCLEAR POWER REACTORS

. KIWI REACTORS

. KIWI B REACTORS

. KIWI B-1 REACTOR

. NUCLEAR RESEARCH AND TEST

REACTORS

. KIWI REACTORS

. KIWI B REACTORS

. KIWI B-1 REACTOR

KIWI B-2 REACTOR

GS

NUCLEAR ELECTRIC POWER
GENERATION
. NUCLEAR POWER REACTORS
. KIWI REACTORS
. KIWI B REACTORS
. KIWI B-2 REACTOR

NUCLEAR REACTORS

. GAS COOLED REACTORS

. KIWI REACTORS

. KIWI B REACTORS

. KIWI B-2 REACTOR

. NUCLEAR POWER REACTORS

. KIWI REACTORS

. KIWI B REACTORS

. KIWI B-2 REACTOR

. NUCLEAR RESEARCH AND TEST

REACTORS

. KIWI REACTORS

. KIWI B REACTORS

. KIWI B-2 REACTOR

KIWI B-4 REACTOR

GS

NUCLEAR ELECTRIC POWER
GENERATION
. NUCLEAR POWER REACTORS
. KIWI REACTORS
. KIWI B REACTORS
. KIWI B-4 REACTOR

NUCLEAR REACTORS

. GAS COOLED REACTORS

. KIWI REACTORS

. KIWI B REACTORS

. KIWI B-4 REACTOR

. NUCLEAR POWER REACTORS

. KIWI REACTORS

. KIWI B REACTORS

. KIWI B-4 REACTOR

KIWI B-4 REACTOR-(CONT.)

. NUCLEAR RESEARCH AND TEST
REACTORS
. KIWI REACTORS
. KIWI B REACTORS
. KIWI B-4 REACTOR

KIWI B-5 REACTOR

GS

NUCLEAR ELECTRIC POWER
GENERATION
. NUCLEAR POWER REACTORS
. KIWI REACTORS
. KIWI B REACTORS
. KIWI B-5 REACTOR
NUCLEAR REACTORS
. GAS COOLED REACTORS
. KIWI REACTORS
. KIWI B REACTORS
. KIWI B-5 REACTOR
. NUCLEAR POWER REACTORS
. KIWI REACTORS
. KIWI B REACTORS
. KIWI B-5 REACTOR
. NUCLEAR RESEARCH AND TEST
REACTORS
. KIWI REACTORS
. KIWI B REACTORS
. KIWI B-5 REACTOR

KIWI REACTORS

UF

KIWI ROCKET REACTORS

GS

NUCLEAR ELECTRIC POWER
GENERATION
. NUCLEAR POWER REACTORS
. KIWI REACTORS
. KIWI B REACTORS
. KIWI B-1 REACTOR
. KIWI B-2 REACTOR
. KIWI B-4 REACTOR
. KIWI B-5 REACTOR
NUCLEAR REACTORS
. GAS COOLED REACTORS
. KIWI REACTORS
. KIWI B REACTORS
. KIWI B-1 REACTOR
. KIWI B-2 REACTOR
. KIWI B-4 REACTOR
. KIWI B-5 REACTOR
. NUCLEAR POWER REACTORS
. KIWI REACTORS
. KIWI B REACTORS
. KIWI B-1 REACTOR
. KIWI B-2 REACTOR
. KIWI B-4 REACTOR
. KIWI B-5 REACTOR
. NUCLEAR RESEARCH AND TEST
REACTORS
. KIWI REACTORS
. KIWI B REACTORS
. KIWI B-1 REACTOR
. KIWI B-2 REACTOR
. KIWI B-4 REACTOR
. KIWI B-5 REACTOR
. NUCLEAR RESEARCH AND TEST
REACTORS
. KIWI REACTORS
. KIWI B REACTORS
. KIWI B-1 REACTOR
. KIWI B-2 REACTOR
. KIWI B-4 REACTOR
. KIWI B-5 REACTOR
NRX REACTORS
NUCLEAR ENGINE FOR ROCKET
VEHICLES
PHOEBUS NUCLEAR REACTOR
ROVER PROJECT

KIWI ROCKET REACTORS

USE

KIWI REACTORS

KJELDAHL METHOD

GS

CHEMICAL TESTS
. CHEMICAL ANALYSIS
. QUANTITATIVE ANALYSIS
. KJELDAHL METHOD

RT

AMMONIA
NITROGEN
TITRATION

KLEBSIELLA

GS

MICROORGANISMS
. BACTERIA
. KLEBSIELLA

KLEIN-DUNHAM POTENTIAL

RT

∞ POTENTIAL
QUANTUM THEORY

KLEIN-GORDON EQUATION

GS

WAVE EQUATIONS
. KLEIN-GORDON EQUATION
DIRAC EQUATION

KLIPPEN

USE OUTLIERS (LANDFORMS)

KLYSTRONS

GS ELECTRON TUBES
 . VACUUM TUBES
 . . VACUUM TUBE OSCILLATORS
 . . . MICROWAVE TUBES
 **KLYSTRONS**
 MICROWAVE EQUIPMENT
 . MICROWAVE TUBES
 . . **KLYSTRONS**
 RT AMPLIFIERS
 CATCHERS
 CAVITY RESONATORS
 CYCLOTRON RESONANCE DEVICES
 ELECTRON BUNCHING
 ELECTRON CYCLOTRON HEATING
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 MAGNETRONS

KNEE (ANATOMY)

GS ANATOMY
 . LIMBS (ANATOMY)
 . . LEG (ANATOMY)
 . . . **KNEE (ANATOMY)**
 . . . MUSCULOSKELETAL SYSTEM
 . . JOINTS (ANATOMY)
 . . . **KNEE (ANATOMY)**
 APPENDAGES
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 . . **KNEE (ANATOMY)**
 RT FEMUR

KNIGHT SHIFT

USE NUCLEAR MAGNETIC RESONANCE

KNOBBS

RT HANDLES
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 MANUAL CONTROL

KNOOP HARDNESS

GS MECHANICAL PROPERTIES
 . HARDNESS
 . . **KNOOP HARDNESS**
 RT HARDNESS TESTS
 MICROHARDNESS

KNOWLEDGE

GS **KNOWLEDGE**
 . PHILOSOPHY
 . . PARADOXES
 RT AXIOMS
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KNUDSEN CELLS

USE KNUDSEN GAGES

KNUDSEN FLOW

UF KNUDSEN NUMBER
 GS FLUID FLOW
 . DUCTED FLOW
 . . **KNUDSEN FLOW**
 . . GAS FLOW
 . . . **KNUDSEN FLOW**
 RT BOUNDARY LAYER TRANSITION
 FREE MOLECULAR FLOW
 KINETIC THEORY
 MEAN FREE PATH
 MOLECULAR FLOW
 PRESSURE GRADIENTS
 RAREFIED GAS DYNAMICS
 TRANSITION POINTS
 VACUUM
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KNUDSEN GAGES

UF KNUDSEN CELLS
 GS MEASURING INSTRUMENTS
 . PRESSURE GAGES
 . . VACUUM GAGES
 . . . **KNUDSEN GAGES**
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KNUDSEN NUMBER

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RT GROOVING
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KOHOUTEK COMET

GS CELESTIAL BODIES
 . COMETS
 . . **KOHOUTEK COMET**
 RT BESSEL-BREDICHIN THEORY
 ∞ COMA
 RADIATION PRESSURE
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KOLMOGOROFF THEORY

RT ISOTROPIC TURBULENCE
 LAGRANGE SIMILARITY HYPOTHESIS
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 ∞ THEORIES
 TURBULENT FLOW
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KOLMOGOROFF-SMIRNOFF TEST

GS STATISTICAL ANALYSIS
 . STATISTICAL TESTS
 . . **KOLMOGOROFF-SMIRNOFF TEST**

KONDO EFFECT

GS TRANSPORT PROPERTIES
 . ELECTRICAL RESISTIVITY
 . . SUPERCONDUCTIVITY
 . . . **KONDO EFFECT**
 RT ALLOYS
 LOW TEMPERATURE PHYSICS
 MAGNETIC MATERIALS
 NUCLEAR SPIN
 TRANSITION TEMPERATURE

∞ KOREA

SN *(USE OF A MORE SPECIFIC TERM IS
 RECOMMENDED--CONSULT THE TERMS
 LISTED BELOW)*
 RT NORTH KOREA
 SOUTH KOREA

KORTEWEG-DEVRIES EQUATION

GS WAVE EQUATIONS
 . **KORTEWEG-DEVRIES EQUATION**
 RT ∞ EQUATIONS

KOSSEL PATTERN

GS DISTRIBUTION (PROPERTY)
 . RADIATION DISTRIBUTION
 . . DIFFRACTION PATTERNS
 . . . **KOSSEL PATTERN**
 RT CRYSTAL LATTICES

KOVAR (TRADEMARK)

GS ALLOYS
 . **KOVAR (TRADEMARK)**
 RT COBALT ALLOYS

KP INDEX

GS RATIOS
 . INDEXES (RATIOS)
 . . **KP INDEX**
 RT GEOMAGNETIC PULSATIONS
 GEOMAGNETISM
 ∞ INDEXES
 MAGNETIC DISTURBANCES
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 MAGNETIC VARIATIONS
 MAGNETOSPHERE

KRAFT PROCESS (WOODPULP)

RT MANUFACTURING
 PAPER (MATERIAL)
 ∞ PROCESSES

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RT ∞ DISPERSION
 ∞ FORMULAS
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KREBS CYCLE

RT CELLS (BIOLOGY)
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KREEP

GS MINERALS
 . **KREEP**
 RT GEOLOGY
 LUNAR SOIL
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 POTASSIUM
 RARE EARTH ELEMENTS
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KRIGING

RT VARIANCE (STATISTICS)

KRONECKER PRODUCT

USE ORTHOGONALITY

KROOK EQUATION

RT HYDRODYNAMICS
 KINETIC THEORY
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 SHOCK WAVE PROFILES

KRYPTON

GS **KRYPTON**
 . KRYPTON ISOTOPES
 . . KRYPTON 85

KRYPTON FLUORIDE LASERS

GS STIMULATED EMISSION DEVICES
 . LASERS
 . . GAS LASERS
 . . . **KRYPTON FLUORIDE LASERS**
 . . . RARE GAS-HALIDE LASERS
 . . . **KRYPTON FLUORIDE LASERS**
 RT COHERENT ELECTROMAGNETIC
 RADIATION
 LASING
 MASERS
 OPTICAL PUMPING

KRYPTON ISOTOPES

GS CHEMICAL ELEMENTS
 . NUCLIDES
 . . ISOTOPES
 . . . **KRYPTON ISOTOPES**
 KRYPTON 85
 KRYPTON
 . **KRYPTON ISOTOPES**
 . . KRYPTON 85

KRYPTON 85

GS CHEMICAL ELEMENTS
 . NUCLIDES
 . . ISOTOPES
 . . . KRYPTON ISOTOPES
 **KRYPTON 85**
 RADIOACTIVE ISOTOPES
 **KRYPTON 85**
 KRYPTON
 . KRYPTON ISOTOPES
 . . **KRYPTON 85**

KU BAND

USE SUPERHIGH FREQUENCIES

KUIPER AIRBORNE OBSERVATORY

USE C-141 AIRCRAFT

KURILE ISLANDS

GS LANDFORMS
 . ISLANDS
 . . PACIFIC ISLANDS
 . . . **KURILE ISLANDS**

KURTOSIS

GS DISTRIBUTION (PROPERTY)
 . FREQUENCY DISTRIBUTION
 . . **KURTOSIS**
 RT ∞ DISTRIBUTION
 FOURIER ANALYSIS
 ∞ PATTERNS
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KUTTA-JOUKOWSKI CONDITION

GS CONDITIONS
 . **KUTTA-JOUKOWSKI CONDITION**
 RT AIRFOIL PROFILES
 BOUNDARY LAYER SEPARATION
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NASA THESAURUS (VOLUME 1)

KUWAIT

RT ASIA
NATIONS

KWIC INDEXES

GS CLASSIFICATIONS
. INDEXES (DOCUMENTATION)
. KWIC INDEXES
RT ∞ INDEXES

L

L BAND

USE ULTRAHIGH FREQUENCIES

L-27 AIRCRAFT

USE U-3 AIRCRAFT

L-28 AIRCRAFT

USE U-10 AIRCRAFT

L-29 AIRCRAFT

USE L-29 JET TRAINER

L-29 JET TRAINER

UF DELFIN AIRCRAFT
L-29 AIRCRAFT
OMNIPOL L-29 AIRCRAFT
GS JET AIRCRAFT
. L-29 JET TRAINER
MONOPLANES
. L-29 JET TRAINER
OMNIPOL AIRCRAFT
. L-29 JET TRAINER
TILT WING AIRCRAFT
. L-29 JET TRAINER
TRAINING AIRCRAFT
. L-29 JET TRAINER
V/STOL AIRCRAFT
. L-29 JET TRAINER

L-1011 AIRCRAFT

GS COMMERCIAL AIRCRAFT
. L-1011 AIRCRAFT
JET AIRCRAFT
. L-1011 AIRCRAFT
LOCKHEED AIRCRAFT
. L-1011 AIRCRAFT
PASSENGER AIRCRAFT
. L-1011 AIRCRAFT
TRANSPORT AIRCRAFT
. L-1011 AIRCRAFT
RT TURBOFAN ENGINES

L-1649 AIRCRAFT

UF LOCKHEED L-1649 AIRCRAFT
GS COMMERCIAL AIRCRAFT
. L-1649 AIRCRAFT
LOCKHEED AIRCRAFT
. L-1649 AIRCRAFT
MONOPLANES
. L-1649 AIRCRAFT
PASSENGER AIRCRAFT
. L-1649 AIRCRAFT
TRANSPORT AIRCRAFT
. L-1649 AIRCRAFT
RT C-121 AIRCRAFT
CARGO AIRCRAFT

L-2000 AIRCRAFT

UF LOCKHEED L-2000 AIRCRAFT
GS JET AIRCRAFT
. L-2000 AIRCRAFT
LOCKHEED AIRCRAFT
. L-2000 AIRCRAFT
PASSENGER AIRCRAFT
. L-2000 AIRCRAFT
SUPERSONIC AIRCRAFT
. L-2000 AIRCRAFT
SUPERSONIC TRANSPORTS
. L-2000 AIRCRAFT
TRANSPORT AIRCRAFT
. L-2000 AIRCRAFT

LABELING (MARKING)

USE MARKING

LABOR

RT MANPOWER
MEDIATION
PERSONNEL SELECTION

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GS LABORATORIES
. ADVANCED TECHNOLOGY
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. ENGINE TESTING LABORATORIES
. ENVIRONMENTAL LABORATORIES
. HUMAN FACTORS LABORATORIES
. LONG DURATION EXPOSURE FACILITY
. LUNAR MOBILE LABORATORIES
. LUNAR RECEIVING LABORATORY
. SPACE LABORATORIES
. . . ATMOSPHERIC CLOUD PHYSICS LAB
(SPACELAB)
. . . EARTH VIEWING APPLICATIONS
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. . . MANNED ORBITAL LABORATORIES
. . . MANNED ORBITAL RESEARCH
LABORATORIES
. UNDERWATER RESEARCH
LABORATORIES
RT EXPERIMENTAL DESIGN
EXPERIMENTATION
NUCLEAR RESEARCH
RESEARCH FACILITIES
SAIL PROJECT
TEST FACILITIES
∞ TESTS

LABORATORY EQUIPMENT

GS LABORATORY EQUIPMENT
. IMAGE FURNACES
. SYRINGES
RT AMPOULES
∞ EQUIPMENT
GLASSWARE
MEASURING INSTRUMENTS
PIPETTES

LABRADOR

RT CANADA

LABYRINTH

GS ANATOMY
. SENSE ORGANS
. . . EAR
. . . . LABYRINTH
. . . . COCHLEA
. . . . VESTIBULES
RT SEMICIRCULAR CANALS

LABYRINTH SEALS

GS SEALS (STOPPERS)
. LABYRINTH SEALS
RT FLUID FLOW
GASKETS
GLANDS (SEALS)
HERMETIC SEALS
LEAKAGE
O RING SEALS
PACKINGS (SEALS)
PLUGS
PUMP SEALS
ROTOR SPEED

LABYRINTHECTOMY

GS SURGERY
. LABYRINTHECTOMY
RT EAR

LACATE (EXPERIMENT)

UF LOWER ATMOSPHERIC COMPOSITION
EXPERIMENT
RT ATMOSPHERIC COMPOSITION
ATMOSPHERIC TEMPERATURE
LOWER ATMOSPHERE

LACE (ENGINE)

USE LIQUID AIR CYCLE ENGINES

LACQUERS

GS COATINGS
. LACQUERS
FINISHES
. LACQUERS
RT METAL COATINGS
PRIMERS (COATINGS)
PROTECTIVE COATINGS
SPRAYED COATINGS

LACROSSE MISSILE

GS MISSILES
. SURFACE TO SURFACE MISSILES
. . . LACROSSE MISSILE
RT SOLID PROPELLANT ROCKET ENGINES

LAGRANGIAN EQUILIBRIUM POINTS

LACTATES

GS ALIPHATIC COMPOUNDS
. LACTATES
ESTERS
. LACTATES

LACTIC ACID

GS ALIPHATIC COMPOUNDS
. LACTIC ACID

LACTOSE

GS ALIPHATIC COMPOUNDS
. SUGARS
. . . LACTOSE
CARBOHYDRATES
. SUGARS
. . . LACTOSE

LACUNAS

RT LICHENS
PLANTS (BOTANY)

LADDERS

RT ESCALATORS
STAIRWAYS

LAG (DELAY)

USE TIME LAG

LAGEOS (SATELLITE)

UF LASER GEODYNAMIC SATELLITE
GS SATELLITES
. ARTIFICIAL SATELLITES
. . . PASSIVE SATELLITES
. . . . LAGEOS (SATELLITE)
. . . EARTH SATELLITES
. . . PASSIVE SATELLITES
. . . . LAGEOS (SATELLITE)
UNMANNED SPACECRAFT
. PASSIVE SATELLITES
. . . LAGEOS (SATELLITE)
RT LASER RANGE FINDERS
RETROREFLECTION

LAGOONS

GS LANDFORMS
. LAGOONS
RT ATOLLS
BARS (LANDFORMS)
BEACHES
COASTS
DUNES
INLETS (TOPOGRAPHY)
ISLAND ARCS
ISLANDS
LAKES
PONDS
RESERVOIRS
TOPOGRAPHY

LAGRANGE COORDINATES

GS COORDINATES
. LAGRANGE COORDINATES
RT CLASSICAL MECHANICS
HYDRODYNAMICS
LIBRATIONAL MOTION

LAGRANGE EQUATIONS OF MOTION

USE EULER-LAGRANGE EQUATION

LAGRANGE MULTIPLIERS

RT CHIRAL DYNAMICS
DIFFERENTIAL EQUATIONS
ISOPERIMETRIC PROBLEM
MULTIPLIERS
OPERATIONS RESEARCH
OPTIMIZATION

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GS HYPOTHESES
. LAGRANGE SIMILARITY HYPOTHESIS
THEOREMS
. SIMILARITY THEOREM
. . . LAGRANGE SIMILARITY HYPOTHESIS
RT ENERGY DISSIPATION
ENERGY TRANSFER
KINETIC ENERGY
KOLMOGOROFF THEORY
TURBULENT FLOW

LAGRANGIAN EQUILIBRIUM POINTS

GS GRAVITATIONAL EFFECTS
. LAGRANGIAN EQUILIBRIUM POINTS
RT CELESTIAL MECHANICS

LAGUERRE FUNCTIONS

LAGRANGIAN EQUILIBRIUM POINTS-(CONT.)
GRAVITATIONAL FIELDS
ORBITAL MECHANICS

LAGUERRE FUNCTIONS
GS ANALYSIS (MATHEMATICS)
. COMPLEX VARIABLES
. **LAGUERRE FUNCTIONS**
FUNCTIONS (MATHEMATICS)
. **LAGUERRE FUNCTIONS**
RT ORTHOGONAL FUNCTIONS

LAKE BEDS
USE BEDS (GEOLOGY)

LAKE CHAMPLAIN BASIN (NY-VT)
GS LANDFORMS
. STRUCTURAL BASINS
. **LAKE CHAMPLAIN BASIN (NY-VT)**
RT CANADA
LAKES
NEW YORK
VERMONT

LAKE ERIE
GS LAKES
. GREAT LAKES (NORTH AMERICA)
. **LAKE ERIE**
RT HYDROLOGY
RIVERS
STREAMS
WATER
WATER MANAGEMENT

LAKE HURON
GS LAKES
. GREAT LAKES (NORTH AMERICA)
. **LAKE HURON**
RT HYDROLOGY
RIVERS
SAGINAW BAY (MI)
STREAMS
WATER
WATER MANAGEMENT

LAKE ICE
GS ICE
. **LAKE ICE**
. ICE FLOES
RT BAY ICE
ICE FORMATION
LAKES
LAND ICE
SEA ICE
WATER

LAKE MICHIGAN
GS LAKES
. GREAT LAKES (NORTH AMERICA)
. **LAKE MICHIGAN**
RT HYDROLOGY
RIVERS
STREAMS
WATER
WATER MANAGEMENT

LAKE ONTARIO
GS LAKES
. GREAT LAKES (NORTH AMERICA)
. **LAKE ONTARIO**
RT HYDROLOGY
RIVERS
STREAMS
WATER
WATER MANAGEMENT

LAKE PONTCHARTRAIN (LA)
GS LAKES
. **LAKE PONTCHARTRAIN (LA)**
RT LOUISIANA

LAKE SUPERIOR
GS LAKES
. GREAT LAKES (NORTH AMERICA)
. **LAKE SUPERIOR**
RT HYDROLOGY
RIVERS
STREAMS
WATER
WATER MANAGEMENT

LAKE TAHOE (CA-NV)
GS LAKES
. **LAKE TAHOE (CA-NV)**

LAKE TAHOE (CA-NV)-(CONT.)
RT CALIFORNIA
NEVADA

LAKE TEXOMA (OK-TX)
GS LAKES
. **LAKE TEXOMA (OK-TX)**
RT LIMNOLOGY
OKLAHOMA
RESERVOIRS
TEXAS
VADOSE WATER

LAKES
GS **LAKES**
. GREAT LAKES (NORTH AMERICA)
. **LAKE ERIE**
. **LAKE HURON**
. **LAKE MICHIGAN**
. **LAKE ONTARIO**
. **LAKE SUPERIOR**
. GREAT SALT LAKE (UT)
. LAKE PONTCHARTRAIN (LA)
. LAKE TAHOE (CA-NV)
. LAKE TEXOMA (OK-TX)
. PYRAMID LAKE (NV)
RT AQUIFERS
BAYOUS
BEACHES
COASTS
EARTH HYDROSPHERE
EUTROPHICATION
INLAND WATERS
KETTLES (GEOLOGY)
LAGOONS
LAKE CHAMPLAIN BASIN (NY-VT)
LAKE ICE
LIMNOLOGY
PLAYAS
PONDS
REGIONAL PLANNING
RESERVOIRS
RIVER BASINS
SHOALS
SHORELINES
SPRINGS (WATER)
STRAITS
SURFACE WATER
THERMAL POLLUTION
WATER CIRCULATION
WATER COLOR
WATER DEPTH
WATER RESOURCES
WATERWAYS

LALLEMAND CAMERAS
GS OPTICAL EQUIPMENT
. CAMERAS
. **LALLEMAND CAMERAS**
PHOTOGRAPHIC EQUIPMENT
. CAMERAS
RT **LALLEMAND CAMERAS**
ASTRONOMICAL PHOTOGRAPHY
ELECTRO-OPTICAL PHOTOGRAPHY
IMAGE CONVERTERS
IMAGE INTENSIFIERS
IMAGE TRANSDUCERS
LIGHT AMPLIFIERS
SPECTROSCOPY
TELEVISION CAMERAS

LAMB WAVES
GS ELASTIC WAVES
. SOUND WAVES
. **LAMB WAVES**
RT ACOUSTIC PROPERTIES
ACOUSTICS
STURM-LIOUVILLE THEORY
ULTRASONIC TESTS

LAMBDA ROCKET VEHICLES
GS ROCKET VEHICLES
. MULTISTAGE ROCKET VEHICLES
. **LAMBDA ROCKET VEHICLES**
. SOUNDING ROCKETS
RT **LAMBDA ROCKET VEHICLES**
SOLID PROPELLANT ROCKET ENGINES

LAMBDA TAURI STARS
GS CELESTIAL BODIES
. STARS
. **LAMBDA TAURI STARS**
RT VARIABLE STARS

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USE BOUGUER LAW

LAMBERT SURFACE
RT BOUGUER LAW
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GS FUNCTIONS (MATHEMATICS)
. **LAME FUNCTIONS**
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. REAL VARIABLES
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. **LAME WAVE EQUATIONS**
WAVE EQUATIONS
RT **LAME WAVE EQUATIONS**
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GS PHYSIOLOGY
. **LAMELLA**
RT BONES

LAMELLA (METALLURGY)
RT ALUMINUM ALLOYS
COPPER ALLOYS
CRYSTALLOGRAPHY
EUTECTIC ALLOYS
MICROSTRUCTURE

LAMINA
USE LAYERS

LAMINAR BOUNDARY LAYER
UF LAMINAR BOUNDARY LAYER
SEPARATION
LAMINAR FLOW CONTROL
BOUNDARY LAYERS
GS **LAMINAR BOUNDARY LAYER**
RT BOUNDARY LAYER COMBUSTION
BOUNDARY LAYER TRANSITION
COMPRESSIBLE BOUNDARY LAYER
HYPERSONIC BOUNDARY LAYER
INCOMPRESSIBLE BOUNDARY LAYER
ISOTHERMAL LAYERS
POHLHAUSEN METHOD
SUPERSONIC BOUNDARY LAYERS
THERMAL BOUNDARY LAYER
THREE DIMENSIONAL BOUNDARY LAYER
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TWO DIMENSIONAL BOUNDARY LAYER
X-21 AIRCRAFT

LAMINAR BOUNDARY LAYER SEPARATION
USE LAMINAR BOUNDARY LAYER

LAMINAR FLAMES
USE FLAMES
LAMINAR FLOW

LAMINAR FLOW
UF LAMINAR FLAMES
LAMINAR JETS
POISEUILLE FLOW
STREAMLINE FLOW
GS FLUID FLOW
. **LAMINAR FLOW**
. BLASIUS FLOW
. HARTMANN FLOW
. STRATIFIED FLOW
RT AERODYNAMICS
ATMOSPHERIC TURBULENCE
BLATON FORMULA
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CAPILLARY FLOW
CRITICAL FLOW
FALKNER-SKAN EQUATION
FLOW CHARACTERISTICS
FLOW GEOMETRY
FLOW STABILITY
FORCED CONVECTION
FREE CONVECTION
GAS FLOW
GAS STREAMS

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 LIQUID FLOW
 MASS FLOW
 MULTIPHASE FLOW
 NEWTON PRESSURE LAW
 OPEN CHANNEL FLOW
 ORIFICE FLOW
 PARALLEL FLOW
 PIPE FLOW
 PRANDTL-MEYER EXPANSION
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 ROSKHO PREDICTION
 SINGLE-PHASE FLOW
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 STEAM FLOW
 TOLLMIN-SCHLICHTING WAVES
 ∞ TRANSITION LAYERS
 TURBULENT FLOW
 TWO PHASE FLOW
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 VISCOUS DRAG
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GS AIRFOILS
 . LAMINAR FLOW AIRFOILS

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USE BOUNDARY LAYER CONTROL
 LAMINAR BOUNDARY LAYER

LAMINAR HEAT TRANSFER

GS TRANSMISSION
 . HEAT TRANSMISSION
 . HEAT TRANSFER
 . . . LAMINAR HEAT TRANSFER
 RT CONDUCTIVE HEAT TRANSFER
 CONVECTIVE HEAT TRANSFER
 THERMOHYDRAULICS
 TURBULENT HEAT TRANSFER

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USE JET FLOW
 LAMINAR FLOW

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 . LAMINAR MIXING
 RT FLUID INJECTION
 GAS MIXTURES
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 . LAMINAR WAKES
 RT AIRCRAFT WAKES
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USE LAMINATES

LAMINATES

UF LAMINATED MATERIALS
 LAMINATIONS
 MULTILAYER STRUCTURES
 GS COMPOSITE MATERIALS
 . LAMINATES
 . . BORAL
 . . PLYWOOD
 COMPOSITE STRUCTURES
 . LAMINATES
 . . BORAL
 . . PLYWOOD
 RT BONDING
 BORON-EPOXY COMPOUNDS
 CLADDING
 COATINGS
 FABRICS
 FIBER COMPOSITES
 FILAMENT WINDING
 ∞ FILMS
 FORMICA
 GLASS FIBER REINFORCED PLASTICS
 HONEYCOMB STRUCTURES
 INTERLAYERS
 LAY-UP
 ∞ LAYERS
 MAGNETIC CORES
 MATRIX MATERIALS
 METAL BONDING
 METALLIZING

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 PAPERS
 PLATING
 PLY ORIENTATION
 POLYMER MATRIX COMPOSITES
 PREPREGS
 REINFORCED PLASTICS
 REINFORCED PLATES
 SANDWICH STRUCTURES
 ∞ SHEETS
 SUBSTRATES
 THERMOSETTING RESINS
 VENEERS

LAMINATIONS

USE LAMINATES

LAMPS

USE LUMINAIRES

LAMPS PROGRAM

USE LIGHT AIRBORNE MULTIPURPOSE
 SYSTEM

LANCE MISSILE

GS MISSILES
 . SURFACE TO SURFACE MISSILES
 . . LANCE MISSILE
 RT LIQUID PROPELLANT ROCKET ENGINES
 TRAILBLAZER 1 REENTRY VEHICLE
 TX-77 ENGINE

LAND

GS LAND
 . ALLEGHENY PLATEAU (US)
 . ARID LANDS
 . BADLANDS
 . BARREN LAND
 . CASCADE RANGE (CA-OR-WA)
 . COLORADO PLATEAU (US)
 . DESERTS
 . . GOBI DESERT
 . . LIBYAN DESERT
 . . MOJAVE DESERT (CA)
 . . SAHARA DESERT (AFRICA)
 . FARMLANDS
 . GRASSLANDS
 . . LLANOS ORIENTALES (COLOMBIA)
 . ISTHMOUSES
 . MARSHLANDS
 . PARKS
 . . NATIONAL PARKS
 . . . YELLOWSTONE NATIONAL PARK
 . (ID-MT-WY)
 . PLAINS
 . . COASTAL PLAINS
 . . FLOOD PLAINS
 . . LLANOS ORIENTALES (COLOMBIA)
 . . PAMPAS
 . . PENEPLAINS
 . . PLAYAS
 . . TUNDRA
 . . RANGELANDS
 . . WETLANDS
 RT CAPES (LANDFORMS)
 DESERTLINE
 PENINSULAS
 RESIDENTIAL AREAS
 RURAL AREAS
 RURAL LAND USE
 SITES
 SOD
 SOILS
 TOPOGRAPHY

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UF ICE SHELVES
 GS ICE
 . LAND ICE
 RESOURCES
 . EARTH RESOURCES
 . . LAND ICE
 RT ANTARCTIC REGIONS
 GLACIAL DRIFT
 GLACIERS
 ICEBERGS
 LAKE ICE
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LAND MANAGEMENT

GS MANAGEMENT
 . RESOURCES MANAGEMENT
 . . LAND MANAGEMENT
 RT ENVIRONMENT MANAGEMENT

LAND MANAGEMENT-(CONT.)

REGIONAL PLANNING
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 WILDERNESS

LAND MOBILE SATELLITE SERVICE

RT COMMUNICATION SATELLITES
 GROUND STATIONS
 MSAT
 RADIO COMMUNICATION

LAND USE

GS LAND USE
 . RURAL LAND USE
 RT AGRISTARS PROJECT
 AIRPORT PLANNING
 BARREN LAND
 CONSERVATION
 ∞ DEVELOPMENT
 EARTH RESOURCES
 ECONOMIC DEVELOPMENT
 ENERGY POLICY
 ENVIRONMENT MANAGEMENT
 EXPLOITATION
 ∞ FACILITIES
 FARMLANDS
 FOREST MANAGEMENT
 GRASSLANDS
 INDUSTRIAL AREAS
 LANDFILLS
 LEASING
 RESIDENTIAL AREAS
 SITE SELECTION
 SPOT (FRENCH SATELLITE)
 STARSITE PROGRAM
 SUBURBAN AREAS
 URBAN DEVELOPMENT
 URBAN PLANNING
 URBAN RESEARCH

LANDAU DAMPING

GS DAMPING
 . LANDAU DAMPING
 RT ELECTRON PLASMA
 LANDAU FACTOR
 PHASE VELOCITY
 PLASMA WAVES
 SPACE CHARGE

LANDAU FACTOR

RT ATOMIC ENERGY LEVELS
 ATOMIC THEORY
 LANDAU DAMPING
 PLASMAS (PHYSICS)
 SUPERCONDUCTIVITY

LANDAU-GINZBURG EQUATIONS

RT ∞ EQUATIONS
 QUANTUM ELECTRODYNAMICS
 SUPERCONDUCTIVITY

LANDFILLS

RT INDUSTRIAL WASTES
 LAND USE
 METHANE
 SOLID WASTES
 WASTE DISPOSAL
 WASTE UTILIZATION
 WATER POLLUTION

LANDFORMS

GS LANDFORMS
 . ARROYOS
 . BARRIERS (LANDFORMS)
 . . OUTER BANKS (NC)
 . . REEFS
 . BARS (LANDFORMS)
 . BEDS (GEOLOGY)
 . . SALT BEDS
 . BRIDGES (LANDFORMS)
 . CALDERAS
 . CANALS
 . CANYONS
 . . GRAND CANYON (AZ)
 . CAPES (LANDFORMS)
 . . CAPE HATTERAS (NC)
 . CONES (VOLCANOES)
 . CUSPS (LANDFORMS)
 . DELTAS
 . . MISSISSIPPI DELTA (LA)
 . . RHONE DELTA (FRANCE)
 . DIVIDES (LANDFORMS)
 . DUNES
 . ESCARPMENTS

LANDING

LANDFORMS-(CONT.)

- . FANS (LANDFORMS)
- . FIORDS
- . FLATS (LANDFORMS)
- . TIDAL FLATS
- . GAPS (GEOLOGY)
- . INLETS (TOPOGRAPHY)
- . BAYOUS
- . COOK INLET (AK)
- . INLIERS (LANDFORMS)
- . ISLAND ARCS
- . ISLANDS
- . ALEUTIAN ISLANDS (US)
- . ASSATEAGUE ISLAND (MD-VA)
- . ATOLLS
- . BAHRAIN
- . BERMUDA
- . CYPRUS
- . GREENLAND
- . HAWAII
- . ICELAND
- . INDONESIA
- . IRELAND
- . KEYS (ISLANDS)
- . LONG ISLAND (NY)
- . MALAGASY REPUBLIC
- . MALDIVE ISLANDS
- . MALTA
- . MERRITT ISLAND (FL)
- . NUNATAKS
- . PACIFIC ISLANDS
- . GUAM
- . JAPAN
- . JOHNSTON ISLAND
- . KURILE ISLANDS
- . NEW GUINEA (ISLAND)
- . NEW ZEALAND
- . PHILIPPINES
- . SAMOA
- . SICILY
- . TASMANIA
- . WALLOPS ISLAND
- . WEST INDIES
- . BARBADOS
- . CUBA
- . DOMINICA
- . GUADELOUPE
- . HAITI
- . JAMAICA
- . LESSER ANTILLES
- . MARTINIQUE
- . PUERTO RICO
- . TRINIDAD AND TOBAGO
- . VIRGIN ISLANDS
- . ISTHMUSES
- . LAGOONS
- . MAGDALENA-CAUCA VALLEY (COLOMBIA)
- . MASSIFS
- . MOUNTAINS
- . ADIRONDACK MOUNTAINS (NY)
- . ALPS MOUNTAINS (EUROPE)
- . ANDES MOUNTAINS (SOUTH AMERICA)
- . APPALACHIAN MOUNTAINS (NORTH AMERICA)
- . BIGHORN MOUNTAINS (MT-WY)
- . BLACK HILLS (SD-WY)
- . CARPATHIAN MOUNTAINS (EUROPE)
- . CASCADE RANGE (CA-OR-WA)
- . CAUCASUS MOUNTAINS (U.S.S.R.)
- . COASTAL RANGES (CA)
- . GREAT SMOKY MOUNTAINS (NC-TN)
- . HIMALAYAS
- . PENINSULAR RANGES (CA)
- . PYRENEES MOUNTAINS (EUROPE)
- . ROCKY MOUNTAINS (NORTH AMERICA)
- . SAN JUAN MOUNTAINS (CO)
- . SIERRA NEVADA MOUNTAINS (CA)
- . WIND RIVER RANGE (WY)
- . WRANGELL MOUNTAINS (AK)
- . MUSKEGS
- . OUTLIERS (LANDFORMS)
- . PANAMA CANAL ZONE
- . PEAKS (LANDFORMS)
- . PIKE'S PEAK (CO)
- . PENINSULAS
- . DELMARVA PENINSULA (DE-MD-VA)
- . PHOENIX QUADRANGLE (AZ)
- . PLAYAS
- . RAVINES
- . ST LAWRENCE VALLEY (NORTH AMERICA)
- . STEPPES
- . STRUCTURAL BASINS

LANDFORMS-(CONT.)

- . CIRQUES (LANDFORMS)
- . GREAT BASIN (US)
- . KALIHARI BASIN (AFRICA)
- . KETTLES (GEOLOGY)
- . LAKE CHAMPLAIN BASIN (NY-VT)
- . RIVER BASINS
- . ATCHAFALAYA RIVER BASIN (LA)
- . CHENA RIVER BASIN (AK)
- . COLUMBIA RIVER BASIN (ID-OR-WA)
- . DELAWARE RIVER BASIN (US)
- . FEATHER RIVER BASIN (CA)
- . MISSOURI RIVER BASIN (US)
- . SUSQUEHANNA RIVER BASIN (MD-NY-PA)
- . WABASH RIVER BASIN (IL-IN-OH)
- . WADIS
- . WATERSHEDS
- . WILLISTON BASIN (NORTH AMERICA)
- . TERRACES (LANDFORMS)
- . PLATEAUS
- . ALLEGHENY PLATEAU (US)
- . COLORADO PLATEAU (US)
- . MESAS
- . BUTTES
- . PIEDMONTS
- . CENTRAL PIEDMONT (US)
- . TUNDRA
- . VOLCANOES
- . MARS VOLCANOES
- . RT ARCHIPELAGOES
- . CROSSBEDDING (GEOLOGY)
- . DEATH VALLEY (CA)
- . DITCHES
- . EARTHQUAKE RESISTANCE
- . ∞ FAULTS
- . GEOLOGICAL FAULTS
- . GLACIAL DRIFT
- . LANDMARKS
- . LANDSLIDES
- . PLAINS
- . ∞ PLATFORMS
- . ∞ RIDGES
- . SEAMOUNTS
- . SINKHOLES
- . SLOPES
- . STRUCTURAL PROPERTIES (GEOLOGY)
- . TERRAIN
- . TOPOGRAPHY

LANDING

- . GS LANDING
- . AIRCRAFT LANDING
- . CRASH LANDING
- . DITCHING (LANDING)
- . SKID LANDINGS
- . BLIND LANDING
- . GLIDE LANDINGS
- . HORIZONTAL SPACECRAFT LANDING
- . HARD LANDING
- . SOFT LANDING
- . SPACECRAFT LANDING
- . HORIZONTAL SPACECRAFT LANDING
- . LUNAR LANDING
- . MARS LANDING
- . PLANETARY LANDING
- . TOUCHDOWN
- . VERTICAL LANDING
- . WATER LANDING
- . DITCHING (LANDING)
- . RT AIR TRAFFIC CONTROL
- . APPROACH
- . APPROACH AND LANDING TESTS (STS)
- . ARRIVALS
- . GUIDANCE (MOTION)
- . INSTRUMENT FLIGHT RULES
- . INSTRUMENT LANDING SYSTEMS
- . MANEUVERS
- . RUNWAYS
- . TAKEOFF
- . VISUAL FLIGHT

LANDING AIDS

- . UF LANDING SYSTEMS
- . GS LANDING AIDS
- . AIRPORT BEACONS
- . DISCRETE ADDRESS BEACON SYSTEM
- . AIRPORT LIGHTS
- . RUNWAY LIGHTS
- . ARRESTING GEAR
- . INSTRUMENT LANDING SYSTEMS
- . ALL-WEATHER LANDING SYSTEMS
- . AUTOMATIC LANDING CONTROL
- . LANDING INSTRUMENTS

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LANDING AIDS-(CONT.)

- . APPROACH INDICATORS
- . LANDING RADAR
- . MICROVISION LANDING AID
- . MICROWAVE LANDING SYSTEMS
- . MICROWAVE SCANNING BEAM LANDING SYSTEM
- . RT ∞ AIDS
- . AIR TRAFFIC CONTROL
- . AIR TRAFFIC CONTROLLERS (PERSONNEL)
- . AIRBORNE RADAR APPROACH
- . AIRCRAFT EQUIPMENT
- . AIRCRAFT INSTRUMENTS
- . AIRCRAFT LANDING
- . AIRCRAFT SAFETY
- . AIRPORT TOWERS
- . AIRPORTS
- . ANTISKID DEVICES
- . APPROACH
- . APPROACH CONTROL
- . AUTOMATIC PILOTS
- . DELAYED FLAP APPROACH
- . GROUND BASED CONTROL
- . GROUND SUPPORT EQUIPMENT
- . HEAD-UP DISPLAYS
- . HELIPORTS
- . INSTRUMENT APPROACH
- . MILITARY AIR FACILITIES
- . NATIONAL AVIATION SYSTEM
- . NAVIGATION AIDS
- . PLAT SYSTEM
- . RADAR APPROACH CONTROL
- . RADIO BEACONS
- . RUNWAYS
- . SAFETY DEVICES
- . SOLAR COMPASSES

LANDING GEAR

- . UF RETRACTABLE LANDING GEAR
- . RT AIRCRAFT PARTS
- . AIRCRAFT TIRES
- . AIRFRAMES
- . ∞ BICYCLE
- . BRAKES (FOR ARRESTING MOTION)
- . CARRIAGES
- . FAIRINGS
- . FLOATS
- . ∞ GEAR
- . HYDROFOILS
- . NOSE WHEELS
- . RETRACTABLE EQUIPMENT
- . SELF ALIGNMENT
- . SHOCK ABSORBERS
- . SKIDDING
- . SKIS
- . TIRES
- . UNDERCARRIAGES
- . VEHICLE WHEELS
- . WHEEL BRAKES
- . WHEELS

LANDING INSTRUMENTS

- . GS LANDING AIDS
- . LANDING INSTRUMENTS
- . APPROACH INDICATORS
- . RT AIR TRAFFIC CONTROL
- . AIRCRAFT EQUIPMENT
- . AIRCRAFT INSTRUMENTS
- . ALTIMETERS
- . AUTOMATIC CONTROL
- . BLIND LANDING
- . FLIGHT INSTRUMENTS
- . INSTRUMENT LANDING SYSTEMS
- . MANUAL CONTROL
- . MEASURING INSTRUMENTS
- . RADAR APPROACH CONTROL
- . SPEED INDICATORS

LANDING LOADS

- . GS LOADS (FORCES)
- . DYNAMIC LOADS
- . TRANSIENT LOADS
- . LANDING LOADS
- . RT DECELERATION
- . IMPACT LOADS
- . SHOCK LOADS
- . STRUCTURAL DESIGN CRITERIA

LANDING MATS

- . RT AIRCRAFT LANDING
- . AIRPORTS
- . MILITARY AIR FACILITIES
- . RUNWAYS

LANDING MODULES

GS MODULES
 . SPACECRAFT MODULES
 . **LANDING MODULES**
 . . . LUNAR LANDING MODULES
 LUNAR MODULE
 LSSM
 . . . MARS EXCURSION MODULE
 SOFT LANDING SPACECRAFT
 . **LANDING MODULES**
 . . LUNAR LANDING MODULES
 . . . LUNAR MODULE
 APOLLO LUNAR EXPERIMENT
 MODULE
 LSSM
 . . MARS EXCURSION MODULE
 RT APOLLO SPACECRAFT
 INTERPLANETARY SPACECRAFT
 LAUNCH VEHICLES
 MANEUVERABLE SPACECRAFT
 MANNED SPACECRAFT
 REENTRY VEHICLES
 REUSABLE SPACECRAFT
 SPACE CAPSULES
 SPACECRAFT DOCKING MODULES

LANDING RADAR

GS LANDING AIDS
 . **LANDING RADAR**
 RADAR
 . **LANDING RADAR**
 RT AIR TRAFFIC CONTROL
 AIRCRAFT LANDING
 AIRCRAFT SAFETY
 APPROACH CONTROL
 INSTRUMENT APPROACH
 RADAR APPROACH CONTROL

LANDING SIMULATION

GS SIMULATION
 . **LANDING SIMULATION**
 RT ALTITUDE SIMULATION
 ATMOSPHERIC ENTRY SIMULATION
 COMPUTERIZED SIMULATION
 FLIGHT SIMULATION
 SPACECRAFT LANDING
 TRAINING SIMULATORS

LANDING SITES

GS SITES
 . **LANDING SITES**
 . . LUNAR LANDING SITES
 RT HELIPORTS
 RECOVERY ZONES
 RUNWAYS
 TRAJECTORY CONTROL

LANDING SPEED

GS RATES (PER TIME)
 . **LANDING SPEED**
 VELOCITY
 . **LANDING SPEED**
 RT HIGH SPEED
 LOW SPEED

LANDING SYSTEMS

USE LANDING AIDS

LANDMARKS

RT LANDFORMS
 TERRAIN
 TOPOGRAPHY

LANDSAT C

USE LANDSAT 3

LANDSAT D

UF EARTH RESOURCES TECHNOLOGY
 SATELLITE D
 ERTS-D
 GS SATELLITES
 . ARTIFICIAL SATELLITES
 . . LANDSAT SATELLITES
 . . . **LANDSAT D**
 . . . EARTH SATELLITES
 . . . LANDSAT SATELLITES
 . . . **LANDSAT D**

LANDSAT D PRIME

GS SATELLITES
 . ARTIFICIAL SATELLITES
 . . LANDSAT SATELLITES
 . . . **LANDSAT D PRIME**
 . . . EARTH SATELLITES

LANDSAT D PRIME-(CONT.)

. . LANDSAT SATELLITES
 . . . **LANDSAT D PRIME**

LANDSAT E

UF EARTH RESOURCES TECHNOLOGY
 SATELLITE E
 EOS-A
 ERTS-E
 GS SATELLITES
 . ARTIFICIAL SATELLITES
 . . LANDSAT SATELLITES
 . . . **LANDSAT E**
 . . . EARTH SATELLITES
 . . . LANDSAT SATELLITES
 . . . **LANDSAT E**

LANDSAT F

UF EARTH RESOURCES TECHNOLOGY
 SATELLITE F
 EOS-B
 ERTS-F
 GS SATELLITES
 . ARTIFICIAL SATELLITES
 . . LANDSAT SATELLITES
 . . . **LANDSAT F**
 . . . EARTH SATELLITES
 . . . LANDSAT SATELLITES
 . . . **LANDSAT F**

LANDSAT FOLLOW-ON MISSIONS

UF LFO
 RT ∞ MISSIONS
 MULTIMISSION MODULAR SPACECRAFT

LANDSAT SATELLITES

UF EARTH RESOURCES TECHNOLOGY
 SATELLITES
 EOS
 ERTS
 GS SATELLITES
 . ARTIFICIAL SATELLITES
 . . **LANDSAT SATELLITES**
 . . . LANDSAT D
 . . . LANDSAT D PRIME
 . . . LANDSAT E
 . . . LANDSAT F
 . . . LANDSAT 1
 . . . LANDSAT 2
 . . . LANDSAT 3
 . . . EARTH SATELLITES
 . . . **LANDSAT SATELLITES**
 . . . LANDSAT D
 . . . LANDSAT D PRIME
 . . . LANDSAT E
 . . . LANDSAT F
 . . . LANDSAT 1
 . . . LANDSAT 2
 . . . LANDSAT 3
 RT AGRISTARS PROJECT
 EARTH OBSERVATIONS (FROM SPACE)
 NASA PROGRAMS
 OCEANOGRAPHY
 SATELLITE OBSERVATION
 SEASAT PROGRAM
 SEASAT SATELLITES
 SEASAT-A SATELLITE
 SEASAT-B SATELLITE
 SYNCHRONOUS EARTH OBSERVATORY
 SATELLITE

LANDSAT 1

UF EARTH RESOURCES TECHNOLOGY
 SATELLITE 1
 ERTS-A
 GS SATELLITES
 . ARTIFICIAL SATELLITES
 . . LANDSAT SATELLITES
 . . . **LANDSAT 1**
 . . . EARTH SATELLITES
 . . . LANDSAT SATELLITES
 . . . **LANDSAT 1**

LANDSAT 2

UF EARTH RESOURCES TECHNOLOGY
 SATELLITE B
 ERTS-B
 GS SATELLITES
 . ARTIFICIAL SATELLITES
 . . LANDSAT SATELLITES
 . . . **LANDSAT 2**
 . . . EARTH SATELLITES
 . . . LANDSAT SATELLITES
 . . . **LANDSAT 2**

LANDSAT 3

UF EARTH RESOURCES TECHNOLOGY
 SATELLITE C
 ERTS-C
 GS LANDSAT C
 SATELLITES
 . ARTIFICIAL SATELLITES
 . . LANDSAT SATELLITES
 . . . **LANDSAT 3**
 . . . EARTH SATELLITES
 . . . LANDSAT SATELLITES
 . . . **LANDSAT 3**
 RT PLASMA INTERACTION EXPERIMENT

LANDSCAPE

USE TERRAIN
 TOPOGRAPHY

LANDSLIDES

GS EARTH MOVEMENTS
 . **LANDSLIDES**
 RT CLIFFS
 FLOOD DAMAGE
 LANDFORMS
 RAIN EROSION
 ROCKS
 SLOPES
 SOIL EROSION
 SOILS
 STORM DAMAGE

LANES

USE PATHS

LANGVIN FORMULA

RT DISPERSING
 FERROMAGNETISM
 MAGNETIC MOMENTS

LANGLEY COMPLEX COORDINATOR

GS SIMULATORS
 . ENVIRONMENT SIMULATORS
 . . SPACE SIMULATORS
 . . . **LANGLEY COMPLEX COORDINATOR**
 RT FLIGHT SIMULATORS
 GRAVITATIONAL EFFECTS
 ROTATING ENVIRONMENTS
 SPACE ENVIRONMENT SIMULATION
 SPACECRAFT ENVIRONMENTS
 WEIGHTLESSNESS SIMULATION

LANGMUIR PROBES

USE ELECTROSTATIC PROBES

LANGUAGE PROGRAMMING

GS COMPUTER PROGRAMMING
 . **LANGUAGE PROGRAMMING**
 RT COMPUTER ASSISTED INSTRUCTION
 DATA PROCESSING
 HIGH LEVEL LANGUAGES
 LANGUAGES
 MACHINE ORIENTED LANGUAGES
 MACHINE TRANSLATION
 SYMBOLIC PROGRAMMING
 ∞ TRANSLATORS

LANGUAGES

GS **LANGUAGES**
 . ALGOL
 . ENGLISH LANGUAGE
 . ORTHOGRAPHY
 . PROGRAMMING LANGUAGES
 . . ASSEMBLY LANGUAGE
 . . . AUTOCODERS
 . . . COMPASS (PROGRAMMING
 LANGUAGE)
 . . . MAP (PROGRAMMING LANGUAGE)
 . . . BASIC (PROGRAMMING LANGUAGE)
 . . . COBOL
 . . . COGO (PROGRAMMING LANGUAGE)
 . . . CONTEXT FREE LANGUAGES
 . . . FORTRAN
 . . . HAL/S (LANGUAGE)
 . . . HIGH LEVEL LANGUAGES
 . . . LISP (PROGRAMMING LANGUAGE)
 . . . MACHINE ORIENTED LANGUAGES
 . . . MARVS (PROGRAMMING
 LANGUAGE)
 . . . SLEUTH (PROGRAMMING
 LANGUAGE)
 . . . NATURAL LANGUAGE (COMPUTERS)
 . . . PASCAL (PROGRAMMING LANGUAGE)
 . . . PL/1
 . . . SENTENCES
 . . . WORDS (LANGUAGE)

LANTHANIDE SERIES METALS

LANGUAGES-(CONT.)

RT . . . SYLLABLES
ALPHABETS
ARTICULATION
CODING
COMMUNICATION THEORY
GRAMMARS
LANGUAGE PROGRAMMING
LINGUISTICS
MACHINE TRANSLATION
PHONEMES
PHONEMICS
PHONETICS
SEMANTICS
SPEECH
SYMBOLS
SYNTAX
TRANSLATING
VERBAL COMMUNICATION
VOWELS

LANTHANIDE SERIES METALS

USE RARE EARTH ELEMENTS

LANTHANUM

GS CHEMICAL ELEMENTS
. RARE EARTH ELEMENTS
. LANTHANUM
. . . LANTHANUM ISOTOPES
METALS
. RARE EARTH ELEMENTS
. LANTHANUM
. . . LANTHANUM ISOTOPES

LANTHANUM ALLOYS

GS ALLOYS
. LANTHANUM ALLOYS

LANTHANUM CHLORIDES

GS HALOGEN COMPOUNDS
. CHLORINE COMPOUNDS
. CHLORIDES
. . . LANTHANUM CHLORIDES
HALIDES
. CHLORIDES
. . . LANTHANUM CHLORIDES
. METAL HALIDES
. . . LANTHANUM CHLORIDES
LANTHANUM COMPOUNDS
. LANTHANUM CHLORIDES

LANTHANUM COMPOUNDS

GS LANTHANUM COMPOUNDS
. LANTHANUM CHLORIDES
. LANTHANUM FLUORIDES
. LANTHANUM OXIDES
. LANTHANUM TELLURIDES
RT ∞ METAL COMPOUNDS

LANTHANUM FLUORIDES

GS HALOGEN COMPOUNDS
. FLUORINE COMPOUNDS
. FLUORIDES
. . . METAL FLUORIDES
. . . LANTHANUM FLUORIDES
HALIDES
. METAL HALIDES
. . . LANTHANUM FLUORIDES
LANTHANUM COMPOUNDS
. LANTHANUM FLUORIDES

LANTHANUM ISOTOPES

UF LANTHANUM 140
GS CHEMICAL ELEMENTS
. NUCLIDES
. ISOTOPES
. . . LANTHANUM ISOTOPES
. RARE EARTH ELEMENTS
. LANTHANUM
. . . LANTHANUM ISOTOPES
METALS
. RARE EARTH ELEMENTS
. LANTHANUM
. . . LANTHANUM ISOTOPES

LANTHANUM OXIDES

GS CHALCOGENIDES
. OXIDES
. METAL OXIDES
. . . LANTHANUM OXIDES
LANTHANUM COMPOUNDS
. LANTHANUM OXIDES

LANTHANUM TELLURIDES

GS CHALCOGENIDES
. TELLURIDES
. . . LANTHANUM TELLURIDES
LANTHANUM COMPOUNDS
. LANTHANUM TELLURIDES
RARE EARTH COMPOUNDS
. LANTHANUM TELLURIDES
TELLURIUM COMPOUNDS
. TELLURIDES
. . . LANTHANUM TELLURIDES

LANTHANUM 140

USE LANTHANUM ISOTOPES

LAOS

RT ASIA
NATIONS

LAP JOINTS

GS JOINTS (JUNCTIONS)
. LAP JOINTS
RT BUTT JOINTS
METAL JOINTS
RIVETED JOINTS
SOLDERED JOINTS
WELDED JOINTS

LAPLACE EQUATION

RT ∞ EQUATIONS
HARMONIC FUNCTIONS
PARTIAL DIFFERENTIAL EQUATIONS
POISSON EQUATION
STOKES-BELTRAMI EQUATION

LAPLACE OPERATORS

USE LAPLACE TRANSFORMATION

LAPLACE TRANSFORMATION

UF LAPLACE OPERATORS
GS ANALYSIS (MATHEMATICS)
. FUNCTIONAL ANALYSIS
. . . INTEGRAL TRANSFORMATIONS
. . . LAPLACE TRANSFORMATION
FUNCTIONS (MATHEMATICS)
. LAPLACE TRANSFORMATION
TRANSFORMATIONS (MATHEMATICS)
. . . INTEGRAL TRANSFORMATIONS
. . . LAPLACE TRANSFORMATION
RT DIFFERENTIAL EQUATIONS
OPERATORS (MATHEMATICS)

LAPSE RATE

RT HUMIDITY
TEMPERATURE
TEMPERATURE INVERSIONS
TEPHIGRAMS

LARA AIRCRAFT

USE COIN AIRCRAFT

LARGE APERTURE SEISMIC ARRAY

GS ARRAYS
. LARGE APERTURE SEISMIC ARRAY
RT EARTH MOVEMENTS
EARTHQUAKES
MEASURING INSTRUMENTS
SEISMIC WAVES
SEISMOLOGY

LARGE AREA CROP INVENTORY EXPERIMENT

RT AGRICULTURE
CROP GROWTH
CROP INVENTORIES
 ∞ CROPS
EARTH RESOURCES
EARTH RESOURCES PROGRAM
FARM CROPS
INVENTORIES

LARGE INFRARED TELESCOPE ON SPACELAB

USE LIRTS (TELESCOPE)

LARGE SCALE INTEGRATION

UF LSI
GS MICROELECTRONICS
. LARGE SCALE INTEGRATION
RT CHIPS (ELECTRONICS)
DTL INTEGRATED CIRCUITS
ELECTRONIC PACKAGING
LINEAR INTEGRATED CIRCUITS
MEDIUM SCALE INTEGRATION
MICROPROCESSORS
TTL INTEGRATED CIRCUITS

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LARGE SCALE INTEGRATION-(CONT.)

VHSIC (CIRCUITS)

LARGE SPACE STRUCTURES

RT EXPANDABLE STRUCTURES
FLEXIBLE SPACECRAFT
LASER GYROSCOPES
MAYPOLE ANTENNAS
ORBITAL SERVICING
SHAPE CONTROL
SOLAR POWER SATELLITES
SPACE ERECTABLE STRUCTURES
 ∞ STRUCTURES

LARGE SPACE TELESCOPE

UF LST
GS TELESCOPES
. SPACEBORNE TELESCOPES
. . . LARGE SPACE TELESCOPE
RT FAINT OBJECT CAMERA
SPACE SHUTTLES
SPACE STATIONS
SPACEBORNE ASTRONOMY

LARGOS SATELLITE

GS SATELLITES
. ARTIFICIAL SATELLITES
. . . GEODETIC SATELLITES
. . . LARGOS SATELLITE
. EARTH SATELLITES
. . . GEODETIC SATELLITES
. . . LARGOS SATELLITE
UNMANNED SPACECRAFT
. GEODETIC SATELLITES
. . . LARGOS SATELLITE
RT EXPLORER 29 SATELLITE
EXPLORER 36 SATELLITE
GEOS 1 SATELLITE
GEOS 2 SATELLITE
GEOS 3 SATELLITE

LARMOR PRECESSION

GS GYRATION
. PRECESSION
RT LARMOR PRECESSION
CYCLOTRON FREQUENCY
CYCLOTRON RADIATION

LARMOR RADIUS

GS DIMENSIONS
. RADII
. . . LARMOR RADIUS
RT CYCLOTRON RADIATION
GYROMAGNETISM
PLASMA PHYSICS
PRECESSION

LARVAE

GS ANIMALS
. INVERTEBRATES
. . . ARTHROPODS
. . . INSECTS
. LARVAE
. BOLLWORMS
. SILKWORMS
RT INFESTATION
PUPA
WORMS

LARYNX

GS LARYNX
. GLOTTIS
RT CARTILAGE
VOCAL CORDS

LASER ALTIMETERS

GS NAVIGATION AIDS
. LASER ALTIMETERS
SPACECRAFT INSTRUMENTS
. LASER ALTIMETERS
RT ALTITUDE CONTROL
 ∞ INSTRUMENTS
LASERS
OPTICAL RADAR

LASER ANEMOMETERS

GS MEASURING INSTRUMENTS
. INDICATING INSTRUMENTS
. . . SPEED INDICATORS
. . . ANEMOMETERS
. LASER ANEMOMETERS
RT FLOW VELOCITY

LASER ANNEALING

- GS HEAT TREATMENT
 - . ANNEALING
 - . . **LASER ANNEALING**
- RT HEATING
 - . LASER CUTTING
 - . LASERS
 - . NORMALIZING (HEAT TREATMENT)
 - . RECRYSTALLIZATION
 - . TEMPERING

LASER APPLICATIONS

- GS UTILIZATION
 - . **LASER APPLICATIONS**
 - . . LASER CUTTING
 - . . LASER FUSION
- RT DATA TRANSMISSION
 - . LASER HEATING
 - . LASERS
 - . METAL WORKING
 - . OPTICAL DATA STORAGE MATERIALS
 - . OPTICAL RELAY SYSTEMS
 - . PLASMA DYNAMIC LASERS
 - . PRODUCTION ENGINEERING
 - . RAPID BALLISTICS IDENTIFICATION
 - . TECHNOLOGY UTILIZATION
 - . ULTRASHORT PULSED LASERS

LASER BEAM DEFOCUSING

- USE THERMAL BLOOMING

LASER CAVITIES

- UF OPTICAL GENERATORS
- RT AMPLIFIERS
 - . LASER STABILITY
 - . LASERS
 - . LIGHT AMPLIFIERS
 - . PULSE GENERATORS
 - . SEMICONDUCTOR LASERS
 - . SOLID STATE DEVICES
 - . SOLID STATE LASERS
 - . STIMULATED EMISSION DEVICES

LASER COMMUNICATION

- USE OPTICAL COMMUNICATION

LASER CUTTING

- GS CUTTING
 - . **LASER CUTTING**
 - . UTILIZATION
 - . . LASER APPLICATIONS
 - . . **LASER CUTTING**
- RT BLANKING (CUTTING)
 - . CUTTERS
 - . FOCUSING
 - . FORMING TECHNIQUES
 - . LASER ANNEALING
 - . LASER DRILLING
 - . LASER HEATING
 - . LASER OUTPUTS
 - . LASER TARGET INTERACTIONS
 - . MACHINING
 - . . MATERIALS SCIENCE
 - . . METAL CUTTING
 - . . SPLITTING
 - . . THERMAL BLOOMING

LASER DAMAGE

- GS DAMAGE
 - . RADIATION DAMAGE
 - . . **LASER DAMAGE**
 - . . RADIATION EFFECTS
 - . . **LASER DAMAGE**
- RT BURNS (INJURIES)
 - . PULSED RADIATION
 - . RADIATION HAZARDS

LASER DOPPLER VELOCIMETERS

- GS MEASURING INSTRUMENTS
 - . **LASER DOPPLER VELOCIMETERS**
 - . OPTICAL EQUIPMENT
 - . . **LASER DOPPLER VELOCIMETERS**
- RT FLOW MEASUREMENT
 - . OPTICAL MEASURING INSTRUMENTS
 - . VELOCITY MEASUREMENT

LASER DRILLING

- GS DRILLING
 - . **LASER DRILLING**
- RT FOCUSING
 - . LASER CUTTING

LASER FUSION

- GS UTILIZATION

LASER FUSION-(CONT.)

- . LASER APPLICATIONS
- . . **LASER FUSION**
- RT FUSION
 - . GLASS LASERS
 - . HIGH POWER LASERS
 - . INERTIAL FUSION (REACTOR)
 - . NOVA LASER SYSTEM
 - . PLASMAS (PHYSICS)
 - . SHIVA LASER SYSTEM

LASER GEODYNAMIC SATELLITE

- USE LAGEOS (SATELLITE)

LASER GUIDANCE

- GS GUIDANCE (MOTION)
 - . TERMINAL GUIDANCE
 - . . **LASER GUIDANCE**
- RT COMPUTER PROGRAMS
 - . HOMING DEVICES
 - . IMPACT PREDICTION
 - . MISSILE CONTROL

LASER GYROSCOPES

- GS GYROSCOPES
 - . **LASER GYROSCOPES**
- RT LARGE SPACE STRUCTURES
 - . OPTICAL GYROSCOPES
 - . . SENSORS
 - . . SPACECRAFT GUIDANCE
 - . . STABILIZATION

LASER HEATING

- GS HEATING
 - . **LASER HEATING**
- RT HEAT SOURCES
 - . LASER APPLICATIONS
 - . LASER CUTTING
 - . PULSE HEATING
 - . PULSED LASERS
 - . THERMAL BLOOMING
 - . YAG LASERS

LASER INTERFEROMETRY

- GS INTERFEROMETRY
 - . **LASER INTERFEROMETRY**

LASER MATERIALS

- RT METAL VAPOR LASERS
 - . XENON FLUORIDE LASERS
 - . YAG LASERS

LASER MICROSCOPY

- GS MICROSCOPY
 - . **LASER MICROSCOPY**
- RT ELECTRO-OPTICS
 - . LIGHT AMPLIFIERS
 - . METAL VAPOR LASERS
 - . MICROELECTRONICS

LASER MODE LOCKING

- GS LOCKING
 - . **LASER MODE LOCKING**
- RT LASERS
 - . OPTICAL COUPLING

LASER MODES

- GS MODES
 - . **LASER MODES**
- RT AXIAL MODES
 - . HELIUM-NEON LASERS
 - . LASER STABILITY
 - . OPTICAL RESONATORS
 - . TEA LASERS
 - . WAVEGUIDE LASERS
 - . WAVELENGTHS

LASER OUTPUTS

- GS OUTPUT
 - . **LASER OUTPUTS**
- RT ATMOSPHERIC LASERS
 - . COHERENCE
 - . COHERENT LIGHT
 - . DYE LASERS
 - . EXCIMER LASERS
 - . GAS DYNAMIC LASERS
 - . GLASS LASERS
 - . HELIUM-NEON LASERS
 - . HIGH POWER LASERS
 - . HOLOGRAPHIC INTERFEROMETRY
 - . LASER CUTTING
 - . LASER STABILITY
 - . MASER OUTPUTS
 - . NOVA LASER SYSTEM

LASER OUTPUTS-(CONT.)

- . OPTICAL RESONATORS
- . OPTICAL WAVEGUIDES
- . PHASE MATCHING
- . PHOTON BEAMS
- . PICOSECOND PULSES
- . PULSE DURATION
- . QUANTUM EFFICIENCY
- . RADIANT FLUX DENSITY
- . SHIVA LASER SYSTEM
- . SPECKLE PATTERNS
- . THERMAL BLOOMING
- . TUBE LASERS
- . TWO-WAVELENGTH LASERS
- . ULTRAVIOLET LASERS
- . WAVEGUIDE LASERS
- . WAVELENGTHS
- . X RAY LASERS
- . XENON FLUORIDE LASERS
- . YAG LASERS

LASER PLASMA INTERACTIONS

- RT BACKSCATTERING
 - . GLASS LASERS
 - . . INTERACTIONS
 - . . THETA PINCH

LASER PLASMAS

- GS GASES
 - . IONIZED GASES
 - . . CHARGED PARTICLES
 - . . . **LASER PLASMAS**
 - . . . PARTICLES
 - . . . CHARGED PARTICLES
 - . . . ENERGETIC PARTICLES
 - . . . PLASMAS (PHYSICS)
 - **LASER PLASMAS**
- RT INERTIAL FUSION (REACTOR)
 - . LASERS

LASER PROPULSION

- GS PROPULSION
 - . ELECTRIC PROPULSION
 - . . **LASER PROPULSION**
- RT AIRCRAFT ENGINES
 - . HYBRID PROPULSION
 - . OPTICAL PUMPING
 - . PROPULSION SYSTEM CONFIGURATIONS
 - . PROPULSIVE EFFICIENCY
 - . RANKINE CYCLE
 - . ROCKET ENGINES
 - . SPACECRAFT PROPULSION
 - . THERMODYNAMIC CYCLES

LASER PUMPING

- GS OPTICAL PUMPING
 - . **LASER PUMPING**
- RT LASERS
 - . . PUMPING
 - . . RARE GAS-HALIDE LASERS
 - . . STIMULATED EMISSION DEVICES
 - . . WIGGLER MAGNETS

LASER RADAR

- USE OPTICAL RADAR

LASER RANGE FINDERS

- GS MEASURING INSTRUMENTS
 - . DISTANCE MEASURING EQUIPMENT
 - . . RANGE FINDERS
 - . . . OPTICAL RANGE FINDERS
 - **LASER RANGE FINDERS**
- RT LAGEOS (SATELLITE)
 - . LUNAR RANGE FINDING
 - . LUNAR RETROREFLECTORS
 - . NAVIGATION AIDS
 - . NAVIGATION INSTRUMENTS

LASER RANGER/TRACKER

- RT RANGE FINDERS
 - . RANGE FINDING
 - . TRACKING (POSITION)

LASER SPECTROMETERS

- GS MEASURING INSTRUMENTS
 - . SPECTROMETERS
 - . . **LASER SPECTROMETERS**
- RT ABSORPTION SPECTRA
 - . INFRARED SPECTROSCOPY
 - . LASER SPECTROSCOPY

LASER SPECTROSCOPY

- GS SPECTROSCOPY
 - . OPTICAL EMISSION SPECTROSCOPY

LASER STABILITY

LASER SPECTROSCOPY-(CONT.)

RT LASER SPECTROSCOPY
LASER SPECTROMETERS
SPECTROSCOPIC ANALYSIS
SPECTRUM ANALYSIS

LASER STABILITY

RT CONTINUOUS WAVE LASERS
FREQUENCY STABILITY
LASER CAVITIES
LASER MODES
LASER OUTPUTS

LASER TARGET DESIGNATORS

RT ∞ DETECTORS
MISSILE TRACKING
SATELLITE TRACKING
TARGET RECOGNITION
TARGETS

LASER TARGET INTERACTIONS

RT ∞ INTERACTIONS
LASER CUTTING
LASERS
PULSED LASERS
TARGETS

LASER TARGETS

GS TARGETS
RT LASER TARGETS
GLASS LASERS
LASERS

LASER WEAPONS

GS WEAPON SYSTEMS
LASER WEAPONS
WEAPONS
SPACE WEAPONS
RT LASER WEAPONS
FUSION WEAPONS
LASERS
MILITARY TECHNOLOGY
STIMULATED EMISSION DEVICES

LASER WELDING

GS WELDING
LASER WELDING
FUSION WELDING
GAS WELDING
BRAZING
LOW TEMPERATURE BRAZING
RT BONDING
HEATING
PULSED LASERS
SOLDERING

LASER WINDOWS

GS WINDOWS (INTERVALS)
LASER WINDOWS
BANDWIDTH
RT ENERGY BANDS
LASERS

LASERS

UF FABRY-PEROT LASERS
NATURAL LASERS
OPTICAL MASERS
GS STIMULATED EMISSION DEVICES
LASERS
ATMOSPHERIC LASERS
CARBON LASERS
CHEMICAL LASERS
HCL LASERS
CONTINUOUS WAVE LASERS
FREE ELECTRON LASERS
GAMMA RAY LASERS
GAS LASERS
CARBON DIOXIDE LASERS
CARBON MONOXIDE LASERS
DF LASERS
EXCIMER LASERS
HCL LASERS
HCL ARGON LASERS
HCN LASERS
HELIUM-NEON LASERS
HF LASERS
KRYPTON FLUORIDE LASERS
NITROGEN LASERS
TEA LASERS
ULTRAVIOLET LASERS
XENON FLUORIDE LASERS
GASDYNAMIC LASERS
GLASS LASERS
HIGH POWER LASERS
NOVA LASER SYSTEM

LASERS-(CONT.)

SHIVA LASER SYSTEM
INFRARED LASERS
INJECTION LASERS
IODINE LASERS
LIQUID LASERS
METAL VAPOR LASERS
NEODYMIUM LASERS
NUCLEAR PUMPED LASERS
ORGANIC LASERS
DYE LASERS
PLASMA DYNAMIC LASERS
PULSED LASERS
Q SWITCHED LASERS
ULTRASHORT PULSED LASERS
ULTRAVIOLET LASERS
RAMAN LASERS
RARE GAS-HALIDE LASERS
KRYPTON FLUORIDE LASERS
XENON FLUORIDE LASERS
RING LASERS
SEMICONDUCTOR LASERS
GALLIUM ARSENIDE LASERS
SOLID STATE LASERS
GALLIUM ARSENIDE LASERS
RUBY LASERS
YAG LASERS
TUNABLE LASERS
TWO-WAVELENGTH LASERS
WAVEGUIDE LASERS
X RAY LASERS
RT ALKALI VAPOR LAMPS
AMPLIFIERS
BEAM SWITCHING
∞ COHERENCE
COHERENT ELECTROMAGNETIC RADIATION
COHERENT LIGHT
ELECTRON PUMPING
GARNETS
HOLOGRAPHY
INFRARED WINDOWS
INTERPLANETARY COMMUNICATION
INTERSTELLAR MASERS
KERR ELECTROOPTICAL EFFECT
LASER ALTIMETERS
LASER ANNEALING
LASER APPLICATIONS
LASER CAVITIES
LASER MODE LOCKING
LASER PLASMAS
LASER PUMPING
LASER TARGET INTERACTIONS
LASER TARGETS
LASER WEAPONS
LASER WINDOWS
LASING
LIGHT AMPLIFIERS
LIGHT BEAMS
LIGHT MODULATION
LIGHT SOURCES
LIGHT TRANSMISSION
LUNAR COMMUNICATION
MASERS
MICROBALLOONS
MOLECULAR OSCILLATORS
NUCLEAR PUMPING
OPTICAL COMMUNICATION
OPTICAL DATA PROCESSING
OPTICAL MEMORY (DATA STORAGE)
OPTICAL PUMPING
PHASE MATCHING
PHOTODIODES
PHOTONICS
POWER TRANSMISSION (LASERS)
PULSE GENERATORS
PULSED RADIATION
QUANTUM AMPLIFIERS
RAPID BALLISTICS IDENTIFICATION
SENARMONT POLARISCOPE
SOLID STATE DEVICES
SPACE COMMUNICATION
STIMULATED EMISSION
THERMAL BLOOMING
THRESHOLD CURRENTS
TRANSIENT OSCILLATIONS
TRAVELING WAVE MODULATION

LASING

RT ELECTRON TRANSITIONS
EXCIMER LASERS
KRYPTON FLUORIDE LASERS
LASERS
NITROGEN LASERS
OPTICAL TRANSITION
RARE GAS-HALIDE LASERS

NASA THESAURUS (VOLUME 1)

LASING-(CONT.)

STIMULATED EMISSION DEVICES

LASV

USE F-111 AIRCRAFT

LATCH-UP

RT CMOS
ELECTRICAL IMPEDANCE
INTEGRATED CIRCUITS
P-N-P-N JUNCTIONS
SWITCHING CIRCUITS

LATCHES

RT FASTENERS
HOLDERS
LINKAGES
PINS

LATE STARS

GS CELESTIAL BODIES
STARS
RT LATE STARS
DWARF STARS
EARLY STARS
GIANT STARS
MAIN SEQUENCE STARS
RED GIANT STARS
STELLAR EVOLUTION
SUBGIANT STARS

LATENESS

RT DELAY
SCHEDULING

LATENT HEAT OF FUSION

USE HEAT OF FUSION

LATERAL CONTROL

UF LATERALIZATION
ROLL CONTROL
GS ATTITUDE CONTROL
LATERAL CONTROL
RTAILERONS
AIRCRAFT CONTROL
ALTITUDE CONTROL
AUTOMATIC CONTROL
∞ CONTROL
DIRECTIONAL CONTROL
ELEVONS
HELICOPTER CONTROL
LONGITUDINAL CONTROL
MANUAL CONTROL
MISSILE CONTROL
ROLL
SATELLITE ATTITUDE CONTROL
SATELLITE CONTROL

LATERAL OSCILLATION

UF SNAKING
RT DIRECTIONAL STABILITY
ROLL
STABILITY AUGMENTATION
TRANSVERSE OSCILLATION
TURNING FLIGHT
YAW
YAWING MOMENTS

LATERAL STABILITY

UF DIHEDRAL EFFECT
LATERALITY
GS DYNAMIC CHARACTERISTICS
DYNAMIC STABILITY
MOTION STABILITY
ATTITUDE STABILITY
LATERAL STABILITY
STABILITY
DYNAMIC STABILITY
MOTION STABILITY
ATTITUDE STABILITY
LATERAL STABILITY
RT AERODYNAMIC STABILITY
AIRCRAFT STABILITY
DIHEDRAL ANGLE
DIRECTIONAL STABILITY
FLOW STABILITY
HANDEDNESS
HOVERING STABILITY
LONGITUDINAL STABILITY
ROLL
ROLLING MOMENTS
ROTARY STABILITY
SPACECRAFT STABILITY
TURNING FLIGHT

LATERAL STABILITY-(CONT.)
VERTICAL ORIENTATION

LATERALITY
USE LATERAL STABILITY

LATERALIZATION
USE LATERAL CONTROL

LATERITES
GS SOILS
RT LATERITES
DECOMPOSITION
ROCKS
TROPICAL REGIONS
WATER

LATEX
GS RUBBER
RT LATEX
ACRYLIC RESINS
ELASTOMERS
SYNTHETIC RUBBERS

LATHES
GS TOOLS
MACHINE TOOLS
LATHES
TURRET LATHES
RT CONSTRUCTION MATERIALS
GRINDING MACHINES

LATIN SQUARE METHOD
RT MATHEMATICS
METHODOLOGY
VARIABLE

LATITUDE
GS LATITUDE
GEOMAGNETIC LATITUDE
RT COORDINATES
GEODETIC COORDINATES
LONGITUDE
POSITION (LOCATION)

LATITUDE MEASUREMENT
RT LONGITUDE MEASUREMENT
MEASUREMENT
NAVIGATION
POSITIONING

LATTICE IMPERFECTIONS
USE CRYSTAL DEFECTS

LATTICE PARAMETERS
GS INDEPENDENT VARIABLES
LATTICE PARAMETERS
RT CRYSTAL LATTICES
CRYSTALLOGRAPHY
PATTERSON MAP
X RAY ANALYSIS

LATTICE VIBRATIONS
GS VIBRATION
LATTICE VIBRATIONS
RT CRYSTAL DEFECTS
CRYSTAL LATTICES
FORBIDDEN BANDS
PARTICLE MOTION
PHONONS
RANDOM VIBRATION
SPIN-LATTICE RELAXATION
THERMAL ENERGY

LATTICES
SN (USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)
RT CRYSTAL LATTICES
LATTICES (MATHEMATICS)

LATTICES (MATHEMATICS)
UF SUBLATTICES
GS MATHEMATICAL LOGIC
LATTICES (MATHEMATICS)
BOOLEAN ALGEBRA
BOOLEAN FUNCTIONS
RT COMMUNICATION THEORY
KAKUTANI THEOREM
LATTICES
MATHEMATICS
MATRICES
SET THEORY*

LATVIA
RT BALTIC SEA
EUROPE
NATIONS

LAUE METHOD
GS X RAY ANALYSIS
LAUE METHOD
RT CRYSTAL LATTICES
CRYSTALLOGRAPHY
DIFFRACTION
METHODOLOGY
X RAY DIFFRACTION

LAUGHING
RT EMOTIONS
HUMAN REACTIONS

LAUNCH COMPLEXES
USE LAUNCHING BASES

LAUNCH DATES
RT LAUNCHING
SPACECRAFT LAUNCHING
TIME
TURNAROUND (STS)

LAUNCH ESCAPE SYSTEMS
UF LES (ESCAPE SYSTEMS)
GS ESCAPE SYSTEMS
LAUNCH ESCAPE SYSTEMS
RT ESCAPE CAPSULES
ESCAPE ROCKETS
SYSTEMS

LAUNCH TIME
USE LAUNCH WINDOWS

LAUNCH VEHICLE CONFIGURATIONS
RT AERODYNAMIC CONFIGURATIONS
CONFIGURATIONS
MISSILE CONFIGURATIONS
PROPULSION SYSTEM CONFIGURATIONS
RECOVERABLE LAUNCH VEHICLES
SPACECRAFT CONFIGURATIONS

LAUNCH VEHICLES
UF CARRIER ROCKETS
GS LAUNCH VEHICLES
ABLESTAR LAUNCH VEHICLE
ARIANE LAUNCH VEHICLE
ATLAS LAUNCH VEHICLES
ATLAS ABLE 5 LAUNCH VEHICLE
ATLAS AGENA B LAUNCH VEHICLE
ATLAS AGENA LAUNCH VEHICLES
ATLAS CENTAUR LAUNCH VEHICLE
ATLAS SLV-3 LAUNCH VEHICLE
BLUE SCOUT JR ROCKET VEHICLE
BLUE SCOUT ROCKET VEHICLE
BLUE STREAK LAUNCH VEHICLE
CENTAUR LAUNCH VEHICLE
ATLAS CENTAUR LAUNCH VEHICLE
DELTA LAUNCH VEHICLE
DIAMANT LAUNCH VEHICLE
ELDO LAUNCH VEHICLE
EUROPA LAUNCH VEHICLES
EUROPA 1 LAUNCH VEHICLE
EUROPA 2 LAUNCH VEHICLE
EUROPA 3 LAUNCH VEHICLE
EUROPA 4 LAUNCH VEHICLE
HEAVY LIFT LAUNCH VEHICLES
HYLA-STAR ROCKET VEHICLE
JUNO LAUNCH VEHICLES
JUNO 1 LAUNCH VEHICLE
JUNO 2 LAUNCH VEHICLE
JUNO 5 LAUNCH VEHICLE
LITTLE JOE 2 LAUNCH VEHICLE
NOMAD LAUNCH VEHICLE
NOVA LAUNCH VEHICLES
NOVA H LAUNCH VEHICLE
NOVA J LAUNCH VEHICLE
RAM B LAUNCH VEHICLE
RECOVERABLE LAUNCH VEHICLES
REUSABLE LAUNCH VEHICLES
SINGLE STAGE TO ORBIT VEHICLES
SATURN LAUNCH VEHICLES
SATURN D LAUNCH VEHICLE
SATURN 1 LAUNCH VEHICLES
SATURN 1 SA-1 LAUNCH VEHICLE
SATURN 1 SA-2 LAUNCH VEHICLE
SATURN 1 SA-3 LAUNCH VEHICLE
SATURN 1 SA-4 LAUNCH VEHICLE
SATURN 1 SA-5 LAUNCH VEHICLE
SATURN 1 SA-6 LAUNCH VEHICLE
SATURN 1 SA-7 LAUNCH VEHICLE

LAUNCH VEHICLES-(CONT.)
SATURN 1 SA-8 LAUNCH VEHICLE
SATURN 1 SA-9 LAUNCH VEHICLE
SATURN 1 SA-10 LAUNCH VEHICLE
SATURN 1B LAUNCH VEHICLES
SATURN 2 LAUNCH VEHICLES
SATURN 5 LAUNCH VEHICLES
SCOUT LAUNCH VEHICLE
STANDARD LAUNCH VEHICLES
ATLAS SLV-3 LAUNCH VEHICLE
STANDARD LAUNCH VEHICLE F 1
STANDARD LAUNCH VEHICLE 1
STANDARD LAUNCH VEHICLE 1B
STANDARD LAUNCH VEHICLE 2A
STANDARD LAUNCH VEHICLE 5
THOR LAUNCH VEHICLES
THOR ABLE ROCKET VEHICLE
THOR AGENA LAUNCH VEHICLE
THOR DELTA LAUNCH VEHICLE
THORAD LAUNCH VEHICLES
THOR ABLE ROCKET VEHICLE
THOR AGENA LAUNCH VEHICLE
THOR DELTA LAUNCH VEHICLE
TITAN CENTAUR LAUNCH VEHICLE
TITAN LAUNCH VEHICLES
TITAN 3 LAUNCH VEHICLE
VANGUARD 2 LAUNCH VEHICLE
VEGA LAUNCH VEHICLE

RT AEROSPACEPLANES
ASTROPLANE
BOOSTER ROCKET ENGINES
BOOSTER ROCKETS
BOOSTERS
CENTAUR PROJECT
FLIGHT TEST VEHICLES
JUPITER C ROCKET VEHICLE
JUPITER PROJECT
JUPITER PROJECT
LANDING MODULES
LAUNCHERS
LAUNCHING
MISSILE LAUNCHERS
MISSILES
MULTIENGINE VEHICLES
MULTISTAGE ROCKET VEHICLES
NATIONAL LAUNCH VEHICLE PROGRAM
ROCKET CATAPULTS
ROCKET ENGINES
ROCKET LAUNCHERS
ROCKET LAUNCHING
ROCKET VEHICLES
ROCKETS
SATURN PROJECT
SCOUT PROJECT
SPACE PROCESSING APPLICATIONS
ROCKET
SPACECRAFT
SPACECRAFT LAUNCHING
SUSTAINER ROCKET ENGINES
TEST VEHICLES
TITAN PROJECT
VEHICLES
VERNIER ENGINES
WINGED VEHICLES

LAUNCH WINDOWS
UF LAUNCH TIME
GS WINDOWS (INTERVALS)
LAUNCH WINDOWS
RT LAUNCHING
ROCKET LAUNCHING
SPACECRAFT LAUNCHING

LAUNCHERS
UF LAUNCHING DEVICES
GS LAUNCHERS
AIRCRAFT LAUNCHING DEVICES
JATO ENGINES
ROCKET ENGINE 2KS-36250
ROCKET ENGINE 15KS-25000
CATAPULTS
ROCKET CATAPULTS
GUN LAUNCHERS
HYPERVELOCITY LAUNCHERS
MISSILE LAUNCHERS
MOBILE MISSILE LAUNCHERS
ROCKET LAUNCHERS
ROCKET CATAPULTS
RT LAUNCH VEHICLES
LAUNCHING
LAUNCHING PADS
LAUNCHING SITES
NATIONAL LAUNCH VEHICLE PROGRAM
ROCKET LAUNCHING
TITAN PROJECT

LAUNCHING

LAUNCHING
 GS **LAUNCHING**
 . AIR LAUNCHING
 . ROCKET LAUNCHING
 . . LUNAR LAUNCH
 . . ORBITAL LAUNCHING
 . SEA LAUNCHING
 . SPACECRAFT LAUNCHING
 RT COUNTDOWN
 LAUNCH DATES
 LAUNCH VEHICLES
 LAUNCH WINDOWS
 LAUNCHERS
 MISSILE LAUNCHERS
 NATIONAL LAUNCH VEHICLE PROGRAM
 PRELAUNCH TESTS
 ROCKET LAUNCHERS
 ∞ SHOT
 STARTING
 TITAN PROJECT

LAUNCHING BASES
 UF LAUNCH COMPLEXES
 GS **LAUNCHING BASES**
 . CAPE KENNEDY LAUNCH COMPLEX
 RT ∞ FACILITIES
 GROUND SUPPORT EQUIPMENT

LAUNCHING DEVICES
 USE LAUNCHERS

LAUNCHING PADS
 GS SITES
 . LAUNCHING SITES
 . . **LAUNCHING PADS**
 FLAME DEFLECTORS
 GANTRY CRANES
 GROUND SUPPORT EQUIPMENT
 LAUNCHERS
 ∞ PAD
 ∞ PLATFORMS
 SPACECRAFT LAUNCHING
 UMBILICAL TOWERS

LAUNCHING SITES
 GS SITES
 . **LAUNCHING SITES**
 . . LAUNCHING PADS
 RT GANTRY CRANES
 GROUND SUPPORT EQUIPMENT
 LAUNCHERS
 MISSILE LAUNCHERS
 MISSILE SILOS
 MISSILES
 NATIONAL LAUNCH VEHICLE PROGRAM
 ROCKET CATAPULTS
 ROCKET LAUNCHERS

LAVA
 GS EFFUSIVES
 . **LAVA**
 RT AGGREGATES
 CALDERAS
 CONES (VOLCANOES)
 EARTH RESOURCES
 IGNEOUS ROCKS
 MAGMA
 MARIA
 MARS VOLCANOES
 MINERALS
 REGOLITH
 ROCKS
 SOILS
 VOLCANOES
 VOLCANOLOGY

LAVAL NUMBER
 GS RATIOS
 . DIMENSIONLESS NUMBERS
 . . **LAVAL NUMBER**

∞ **LAW**
 SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)*
 RT CLAIMING
 LAW (JURISPRUDENCE)
 LAWS

LAW (JURISPRUDENCE)
 UF FORENSIC SCIENCES
 GS **LAW (JURISPRUDENCE)**
 . INTERNATIONAL LAW
 . . AIR LAW
 . . SPACE LAW

LAW (JURISPRUDENCE)-(CONT.)

. PUBLIC LAW
 . . LIABILITIES
 . . . LEGAL LIABILITY
 . . . PENALTIES
 RT CONSTITUTION
 ∞ LAW
 POLITICS
 REGULATIONS
 VOTING

LAWRENCIUM
 GS CHEMICAL ELEMENTS
 . ACTINIDE SERIES
 . . TRANSURANIUM ELEMENTS
 . . . **LAWRENCIUM**
 . NUCLIDES
 . . ISOTOPES
 . . . RADIOACTIVE ISOTOPES
 TRANSURANIUM ELEMENTS
 **LAWRENCIUM**
 HEAVY ELEMENTS
 . TRANSURANIUM ELEMENTS
 . . **LAWRENCIUM**
 METALS
 . ACTINIDE SERIES
 . . TRANSURANIUM ELEMENTS
 . . . **LAWRENCIUM**

LAWS
 GS **LAWS**
 . AIR LAW
 . CHILD-LANGMUIR LAW
 . CLOSURE LAW
 . COFFIN-MANSON LAW
 . CONSERVATION LAWS
 . FOURIER LAW
 . HOOKES LAW
 . KEPLER LAWS
 . NEWTON PRESSURE LAW
 . NEWTON SECOND LAW
 . NEWTON-BUSEMANN LAW
 . OHMS LAW
 . RADIATION LAWS
 . . KIRCHHOFF LAW OF RADIATION
 . . STEFAN-BOLTZMANN LAW
 . . STOKES LAW OF RADIATION
 . SCALING LAWS
 . SEA LAW
 . SIMILITUDE LAW
 . SNELLS LAW
 . TAFEL LAW
 . WEBER-FECHNER LAW
 RT ∞ LAW
 RULES
 ∞ STOKES LAW

LAY-UP
 RT CARBON FIBER REINFORCED PLASTICS
 COMPOSITE MATERIALS
 COMPOSITE STRUCTURES
 EPOXY RESINS
 FIBER ORIENTATION
 LAMINATES
 REINFORCING FIBERS

∞ **LAYERS**
 SN *(USE OF A MORE SPECIFIC TERM RECOMMENDED--CONSULT THE TERMS LISTED BELOW)*
 UF LAMINA
 PLIES
 RT ANTICLINES
 ATMOSPHERIC BOUNDARY LAYER
 BARRIER LAYERS
 BOUNDARY LAYERS
 COATINGS
 DEEP SCATTERING LAYERS
 EKMAN LAYER
 FLAT LAYERS
 FOLDS (GEOLOGY)
 FORMATIONS
 GEOSYNCLINES
 INTERCALATION
 INTERLAYERS
 IONOSPHERE
 LAMINATES
 MEMBRANES
 MONOMOLECULAR FILMS
 MULTILAYER INSULATION
 PLASMA LAYERS
 PLY ORIENTATION
 REGIONS
 SEDIMENTARY ROCKS
 SHEAR LAYERS

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LAYERS-(CONT.)

SHOCK LAYERS
 STRATA
 STRATIFICATION
 SUBSTRATES
 SURFACE LAYERS
 SYNCLINES
 THREE DIMENSIONAL BOUNDARY LAYER
 TURBULENT BOUNDARY LAYER

LAYOUTS
 RT BLUEPRINTS
 CIRCUIT DIAGRAMS
 CONSTRUCTION
 DESCRIPTIVE GEOMETRY
 ∞ DESIGN
 ∞ DRAWING
 DRAWINGS
 ENGINEERING DRAWINGS
 MODELS
 ∞ PLANS
 SURVEYS

LAZAREV METEORITE
 GS CELESTIAL BODIES
 . METEORITES
 . . **LAZAREV METEORITE**
 RT IRON METEORITES
 STONY METEORITES

LC CIRCUITS
 GS CIRCUITS
 . **LC CIRCUITS**
 INDUCTANCE
 RT NETWORK ANALYSIS
 NETWORK SYNTHESIS
 PARAMETRIC AMPLIFIERS
 RC CIRCUITS
 RL CIRCUITS
 RLC CIRCUITS
 TIME CONSTANT

LCRE REACTOR
 USE LITHIUM COOLED REACTOR
 EXPERIMENT

LDEF
 USE LONG DURATION EXPOSURE FACILITY

LEACHING
 RT AUTOCLAVING
 BENEFICIATION
 DISSOLVING
 ELUTION
 EXTRACTION
 FLUSHING
 HYDROMETALLURGY
 PERCOLATION
 PERMEABILITY
 ∞ SEPARATION

LEAD (METAL)
 GS CHEMICAL ELEMENTS
 . **LEAD (METAL)**
 . . LEAD ISOTOPES
 METALS
 . **LEAD (METAL)**
 . . LEAD ISOTOPES

LEAD ACETATES
 GS ACETATES
 . **LEAD ACETATES**
 ESTERS
 . **LEAD ACETATES**
 LEAD COMPOUNDS
 . **LEAD ACETATES**
 LEAD ORGANIC COMPOUNDS
 . **LEAD ACETATES**

LEAD ACID BATTERIES
 GS ELECTROCHEMICAL CELLS
 . ELECTRIC BATTERIES
 . . STORAGE BATTERIES
 . . . **LEAD ACID BATTERIES**
 RT CHEMICAL AUXILIARY POWER UNITS
 ∞ ELECTRIC CELLS
 ELECTROLYTIC CELLS
 ENERGY STORAGE
 NICKEL-IRON BATTERIES
 ∞ POWER SUPPLIES

LEAD ALLOYS
 GS ALLOYS
 . **LEAD ALLOYS**

LEAD ALLOYS-(CONT.)

RT BEARING ALLOYS
SOLDERS

LEAD CHLORIDES

GS HALOGEN COMPOUNDS
. CHLORINE COMPOUNDS
. CHLORIDES
. . . LEAD CHLORIDES
. HALIDES
. . CHLORIDES
. . . LEAD CHLORIDES
. METAL HALIDES
. . . LEAD CHLORIDES
LEAD COMPOUNDS
. LEAD CHLORIDES

LEAD COMPOUNDS

UF PLUMBANE
GS LEAD COMPOUNDS
. LEAD ACETATES
. LEAD CHLORIDES
. LEAD MOLYBDATES
. LEAD OXIDES
. LEAD SELENIDES
. LEAD SULFIDES
. LEAD TELLURIDES
. LEAD TITANATES
. LEAD TUNGSTATES
RT ∞ CHEMICAL COMPOUNDS
∞ GROUP 4A COMPOUNDS
∞ METAL COMPOUNDS

LEAD ISOTOPES

GS CHEMICAL ELEMENTS
. LEAD (METAL)
. . LEAD ISOTOPES
. NUCLIDES
. . ISOTOPES
. . . LEAD ISOTOPES
METALS
. LEAD (METAL)
. . LEAD ISOTOPES

LEAD MOLYBDATES

GS LEAD COMPOUNDS
. LEAD MOLYBDATES
MOLYBDENUM COMPOUNDS
. LEAD MOLYBDATES

LEAD ORGANIC COMPOUNDS

GS LEAD ORGANIC COMPOUNDS
. LEAD ACETATES
RT ∞ METAL COMPOUNDS

LEAD OXIDES

GS CHALCOGENIDES
. OXIDES
. . METAL OXIDES
. . . LEAD OXIDES
LEAD COMPOUNDS
. LEAD OXIDES

LEAD POISONING

GS DISEASES
. TOXIC DISEASES
. . LEAD POISONING
TOXICITY
. LEAD POISONING
RT ∞ POISONING
SMOG

LEAD SELENIDES

GS CHALCOGENIDES
. SELENIDES
. . LEAD SELENIDES
LEAD COMPOUNDS
. LEAD SELENIDES
SELENIUM COMPOUNDS
. SELENIDES
. . LEAD SELENIDES

LEAD SULFIDES

GS CHALCOGENIDES
. SULFIDES
. . INORGANIC SULFIDES
. . . LEAD SULFIDES
LEAD COMPOUNDS
. LEAD SULFIDES
SULFUR COMPOUNDS
. SULFIDES
. . INORGANIC SULFIDES
. . . LEAD SULFIDES

LEAD TELLURIDES

GS CHALCOGENIDES
. TELLURIDES
. . LEAD TELLURIDES
LEAD COMPOUNDS
. LEAD TELLURIDES
TELLURIUM COMPOUNDS
. TELLURIDES
. . LEAD TELLURIDES

LEAD TITANATES

GS LEAD COMPOUNDS
. LEAD TITANATES
TITANIUM COMPOUNDS
. TITANATES
. . LEAD TITANATES

LEAD TUNGSTATES

GS LEAD COMPOUNDS
. LEAD TUNGSTATES
TUNGSTEN COMPOUNDS
. TUNGSTATES
. . LEAD TUNGSTATES

LEAD ZIRCONATE TITANATES

GS TITANIUM COMPOUNDS
. TITANATES
. . PIEZOELECTRIC CERAMICS
. . . LEAD ZIRCONATE TITANATES

LEADERSHIP

RT MORALE
PERSONNEL MANAGEMENT

LEADING EDGE FLAPS

GS CONTROL SURFACES
. FLAPS (CONTROL SURFACES)
. . WING FLAPS
. . . LEADING EDGE FLAPS
RT AIRCRAFT STRUCTURES
AIRFOILS
TRAILING-EDGE FLAPS
VORTEX FLAPS
∞ WINGED VEHICLES
WINGS

LEADING EDGE SLATS

UF WING SLATS
GS AIRFOILS
. FLAPS (CONTROL SURFACES)
. . WING FLAPS
. . . LEADING EDGE SLATS
BRAKES (FOR ARRESTING MOTION)
. AERODYNAMIC BRAKES
. . WING FLAPS
. . . LEADING EDGE SLATS
AIRCRAFT BRAKES
. WING FLAPS
. . . LEADING EDGE SLATS
CONTROL SURFACES
. FLAPS (CONTROL SURFACES)
. . WING FLAPS
. . . LEADING EDGE SLATS
DRAG DEVICES
. AERODYNAMIC BRAKES
. . WING FLAPS
. . . LEADING EDGE SLATS
RT BOUNDARY LAYER CONTROL
SPLIT FLAPS
SPOILERS
TRAILING-EDGE FLAPS
WING SLOTS

LEADING EDGE SWEEP

GS GEOMETRY
. EUCLIDEAN GEOMETRY
. . ANGLES (GEOMETRY)
. . . SWEEP ANGLE
. . . . SWEEPBACK
. LEADING EDGE SWEEP

LEADING EDGE THRUST

GS THRUST
. LEADING EDGE THRUST
RT AERODYNAMIC FORCES
AIRFOILS
LEADING EDGES
LIFT
WING LOADING

LEADING EDGES

GS EDGES
. LEADING EDGES
. . SHARP LEADING EDGES

LEADING EDGES-(CONT.)

RT AIRFOILS
FOREBODIES
LEADING EDGE THRUST
THRUST DISTRIBUTION
TRAILING EDGES
VORTEX FLAPS

LEAKAGE

RT CAVITIES
CRACKS
DEFECTS
∞ ESCAPE
FLUID FLOW
INTRUSION
LABYRINTH SEALS
LOSSES
PERMEABILITY
PINHOLES
POROSITY
∞ REDUCTION
SEEPAGE
WASTES

LEAR JET AIRCRAFT

GS COMMERCIAL AIRCRAFT
. LEAR JET AIRCRAFT
JET AIRCRAFT
. LEAR JET AIRCRAFT
RT ∞ AIRCRAFT

LEARNING

GS LEARNING
. ASTRONAUT TRAINING
. CONDITIONING (LEARNING)
. HABITUATION (LEARNING)
. MAZE LEARNING
. . TRANSFER OF TRAINING
RT ACHIEVEMENT
APTITUDE
BEHAVIOR
CHILD DEVICE
DECONDITIONING
EDUCATION
EDUCATIONAL TELEVISION
HABITS
INSTRUCTORS
KNOWLEDGE
MEMORY
MOTIVATION
REINFORCEMENT (PSYCHOLOGY)
RESPONSES
RETENTION (PSYCHOLOGY)
STUDENTS
TEACHING MACHINES
TEXTBOOKS
TRAINING ANALYSIS
TRAINING EVALUATION
UNIVERSITIES

LEARNING CURVES

RT ASYMPTOTIC METHODS
∞ CURVES

LEARNING MACHINES

UF MACHINE LEARNING
GS AUTOMATIC CONTROL
. ADAPTIVE CONTROL
. . LEARNING MACHINES
RT ARTIFICIAL INTELLIGENCE
AUTOMATA THEORY
CYBERNETICS
FEEDBACK CONTROL
∞ MACHINERY
SELF ORGANIZING SYSTEMS
TEACHING MACHINES

LEARNING THEORY

RT CHILD DEVICE
EDUCATION
PROBLEM SOLVING

LEASING

GS PROCUREMENT
. LEASING
RT CONTRACTS
LAND USE
NASA PROGRAMS
RESOURCES MANAGEMENT
SITE SELECTION

LEAST SQUARES METHOD

GS ANALYSIS (MATHEMATICS)
. NUMERICAL ANALYSIS
. . APPROXIMATION

LEATHER

LEAST SQUARES METHOD-(CONT.)
 . . . LEAST SQUARES METHOD
 RT CORRELATION
 CURVE FITTING
 GAUSS-MARKOV THEOREM
 MEAN SQUARE VALUES
 ∞ METHODOLOGY
 OPTIMIZATION
 PARAMETER IDENTIFICATION
 QUALITY CONTROL
 REGRESSION ANALYSIS
 SIMULTANEOUS EQUATIONS

LEATHER
 GS SKIN (ANATOMY)
 . LEATHER
 RT CLOTHING
 COLLAGENS
 SHOES

LEAVES
 GS PLANTS (BOTANY)
 . LEAVES
 RT BROWN WAVE EFFECT
 CANOPIES (VEGETATION)
 DECIDUOUS TREES
 DEFOLIANTS
 DEFOLIATION
 FOLIAGE
 GREEN WAVE EFFECT
 HERBICIDES

LEBANON
 RT ASIA
 NATIONS

LEBESGUE THEOREM
 GS ANALYSIS (MATHEMATICS)
 . REAL VARIABLES
 . . MEASURE AND INTEGRATION
 . . . LEBESGUE THEOREM
 THEOREMS
 . LEBESGUE THEOREM
 RT SET THEORY

LECTURES
 RT EDUCATION
 SPEECH
 VERBAL COMMUNICATION

LED (DIODES)
 USE LIGHT EMITTING DIODES

LEDGES
 RT CLIFFS
 ROCKS
 TOPOGRAPHY

LEE WAVES
 RT AIR CURRENTS
 BAROTROPIC FLOW
 SURFACE WAVES
 TROPOSPHERIC WAVES
 VERTICAL AIR CURRENTS

LEG (ANATOMY)
 GS ANATOMY
 . LIMBS (ANATOMY)
 . . LEG (ANATOMY)
 . . . KNEE (ANATOMY)
 APPENDAGES
 . LEG (ANATOMY)
 . . KNEE (ANATOMY)
 RT FEET (ANATOMY)
 FEMUR
 THIGH
 TIBIA

LEGAL LIABILITY
 GS LAW (JURISPRUDENCE)
 . PUBLIC LAW
 . . LIABILITIES
 . . . LEGAL LIABILITY
 RT AIR LAW
 CONTRACTS
 INTERNATIONAL LAW
 JUDGMENTS
 LOSSES
 PENALTIES
 PROHIBITION

LEGENDRE CODE
 USE COMPUTER PROGRAMMING
 NEUTRON SCATTERING

LEGENDRE FUNCTIONS
 UF LEGENDRE POLYNOMIALS
 GS LEGENDRE TRANSFORMATION
 ANALYSIS (MATHEMATICS)
 . COMPLEX VARIABLES
 . . LEGENDRE FUNCTIONS
 FUNCTIONS (MATHEMATICS)
 . LEGENDRE FUNCTIONS
 RT ORTHOGONAL FUNCTIONS
 SPHERICAL HARMONICS

LEGENDRE POLYNOMIALS
 USE LEGENDRE FUNCTIONS

LEGENDRE TRANSFORMATION
 USE LEGENDRE FUNCTIONS

LEGIBILITY
 RT CHARACTER RECOGNITION
 CONTRAST
 PERCEPTION
 PRINTING
 READING
 RESOLUTION
 SYMBOLS
 VISIBILITY
 VISION

LEGUMINOUS PLANTS
 GS FARM CROPS
 . LEGUMINOUS PLANTS
 RT AGRICULTURE
 BOTANY
 EARTH RESOURCES
 ∞ FOOD
 HAY
 NODULES
 VEGETABLES

LEIDENFROST PHENOMENON
 GS PHASE TRANSFORMATIONS
 . VAPORIZING
 . . BOILING
 . . . NUCLEATE BOILING
 LEIDENFROST PHENOMENON
 RT FILM BOILING
 HEAT TRANSFER

LEM (LUNAR MODULE)
 USE LUNAR MODULE

LEMMAS
 USE THEOREMS

LENARD WIRE METHOD
 RT ∞ METHODOLOGY

LENGTH
 GS DIMENSIONS
 . LENGTH
 RT DISTANCE
 THICKNESS

LENNARD-JONES GAS
 RT BINARY FLUIDS
 GAS VISCOSITY

LENS ANTENNAS
 GS ANTENNAS
 . DIRECTIONAL ANTENNAS
 . . LENS ANTENNAS
 MICROWAVE EQUIPMENT
 . MICROWAVE ANTENNAS
 . . LENS ANTENNAS
 RT ANTENNA DESIGN
 DIPOLE ANTENNAS
 HORN ANTENNAS
 LENSES
 RADAR ANTENNAS
 WAVEGUIDE ANTENNAS
 WIRE GRID LENSES

LENS DESIGN
 RT ANTIREFLECTION COATINGS
 COMPUTERIZED DESIGN
 ∞ DESIGN
 GRADIENT INDEX OPTICS
 LENSES
 OPTICAL CORRECTION PROCEDURE
 ∞ OPTICS
 PRODUCT DEVELOPMENT
 STIGMATISM

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LENSES
 GS LENSES
 . CONTACT LENSES
 . FRESNEL LENSES
 . GRAVITATIONAL LENSES
 . MAGNETIC LENSES
 . WIDE ANGLE LENSES
 . WIRE GRID LENSES
 RT ASTIGMATISM
 CAMERAS
 CATARACTS
 CIRCUMSOLAR TELESCOPES
 EYE (ANATOMY)
 EYEPIECES
 FOCUSING
 GRADIENT INDEX OPTICS
 INTEGRATED OPTICS
 LENS ANTENNAS
 LENS DESIGN
 MAGNIFICATION
 OPTICAL EQUIPMENT
 OPTICAL FILTERS
 ∞ OPTICS
 PANORAMIC CAMERAS
 PHOTOGRAPHIC EQUIPMENT
 REFRACTING TELESCOPES
 REFRACTION
 RETICLES
 STIGMATISM
 STREAK CAMERAS
 TELESCOPES
 VIGNETTING

LENTICULAR BODIES
 GS SYMMETRICAL BODIES
 . LENTICULAR BODIES
 RT AXISYMMETRIC BODIES
 ∞ BODIES
 CONVEXITY

LEON-QUERETARO AREA (MEXICO)
 RT MEXICO

LEONID METEORIDS
 GS CELESTIAL BODIES
 . METEOROID SHOWERS
 . . LEONID METEORIDS
 . METEORIDS
 . . LEONID METEORIDS

LEPROSY
 USE HANSEN'S DISEASE

LEPTONS
 GS PARTICLES
 . ELEMENTARY PARTICLES
 . . FERMIONS
 . . . LEPTONS
 ANTINEUTRINOS
 MUONS
 NEUTRINOS
 SOLAR NEUTRINOS
 RT CHARGED PARTICLES
 CHARM (PARTICLE PHYSICS)
 GLUONS
 MESONS
 PARTONS
 QUANTUM CHROMODYNAMICS
 QUARK PARTON MODEL

LES
 USE LINCOLN EXPERIMENTAL SATELLITES

LES (ESCAPE SYSTEMS)
 USE LAUNCH ESCAPE SYSTEMS

LESA (LUNAR EXPLORATION SYSTEM)
 USE LUNAR EXPLORATION SYSTEM FOR
 APOLLO

LESIONS
 GS INJURIES
 . LESIONS
 . . PULMONARY LESIONS
 RT ABRASION
 BURNS (INJURIES)
 MILIARIA

LESOTHO
 RT AFRICA
 NATIONS
 REPUBLIC OF SOUTH AFRICA

- LESSER ANTILLES**
 GS LANDFORMS
 . ISLANDS
 . WEST INDIES
 . . . LESSER ANTILLES
 RT ATLANTIC OCEAN
- LETHALITY**
 RT CARBON MONOXIDE POISONING
 DAMAGE
 DESTRUCTION
- LETHARGY**
 RT BOREDOM
 ∞ DEPRESSION
 DETACHMENT
 FRUSTRATION
 HUMAN BEHAVIOR
 ∞ INHIBITION
 MONOTONY
- LETTERS (SYMBOLS)**
 USE SYMBOLS
- LEUCINE**
 GS ACIDS
 . AMINO ACIDS
 . . LEUCINE
 . . . NORLEUCINE
 ORGANIC COMPOUNDS
 . AMINO ACIDS
 . . LEUCINE
 . . . NORLEUCINE
- LEUKEMIAS**
 GS DISEASES
 . TUMORS
 . . NEOPLASMS
 . . . CANCER
 LEUKEMIAS
 RT BONE MARROW
- LEUKOCYTES**
 GS ANATOMY
 . CARDIOVASCULAR SYSTEM
 . . LEUKOCYTES
 . . . EOSINOPHILS
 . . . LYMPHOCYTES
 BODY FLUIDS
 . BLOOD
 . . LEUKOCYTES
 . . . EOSINOPHILS
 . . . LYMPHOCYTES
 CELLS (BIOLOGY)
 . LEUKOCYTES
 . . EOSINOPHILS
 . . LYMPHOCYTES
 RT BIOCOMPATIBILITY
 ERYTHROCYTES
 WHITE BLOOD CELLS
- LEUKOPENIA**
 GS SIGNS AND SYMPTOMS
 . LEUKOPENIA
 RT INFECTIOUS DISEASES
- ∞ LEVEL**
 SN *(USE OF A MORE SPECIFIC TERM IS
 RECOMMENDED--CONSULT THE TERMS
 LISTED BELOW)*
 RT CHEMICAL ENERGY
 FREE ENERGY
 HEIGHT
 INTERNAL ENERGY
 LEVEL (HORIZONTAL)
 LEVEL (QUANTITY)
- LEVEL (HORIZONTAL)**
 GS LEVEL (HORIZONTAL)
 . LIQUID LEVELS
 RT ∞ GRADE
 GRADIENTS
 ∞ LEVEL
 SLOPES
- LEVEL (QUANTITY)**
 GS LEVEL (QUANTITY)
 . EFFECTIVE PERCEIVED NOISE LEVELS
 . ENERGY LEVELS
 . . ATOMIC ENERGY LEVELS
 . . ELECTRON STATES
 . . GROUND STATE
 . . MOLECULAR ENERGY LEVELS
 . . . INTERMOLECULAR FORCES
- LEVEL (QUANTITY)-(CONT.)**
 RT AMPLITUDES
 DISPLACEMENT
 ∞ FLUX
 FLUX (RATE)
 FLUX DENSITY
 ∞ INTENSITY
 ∞ LEVEL
 LOUDNESS
 MAGNITUDE
 VALUE
- LEVELING**
 SN (EXCLUDES METAL WORKING)
 RT ADJUSTING
 CONSISTENCY
 DATUM (ELEVATION)
 FLATTENING
 METAL WORKING
 ∞ ROLLING
 SMOOTHING
 WINDING
- LEVERS**
 RT CANTILEVER MEMBERS
 HANDLES
 KNOBS
 ∞ MACHINERY
 MANUAL CONTROL
 MECHANICAL DEVICES
 PEDALS
- LEVITATION**
 GS LEVITATION
 . ACOUSTIC LEVITATION
 RT BUOYANCY
 ELECTROSTATIC GYROSCOPES
 FLOTATION
 FRICTIONLESS ENVIRONMENTS
 MAGNETIC LEVITATION VEHICLES
 SUSPENSION SYSTEMS (VEHICLES)
 VACUUM MELTING
- LEWIS BASE**
 RT AMINES
 ELECTRONS
- LEWIS NUMBERS**
 GS RATIOS
 . DIMENSIONLESS NUMBERS
 . . LEWIS NUMBERS
 RT DENSITY (MASS/VOLUME)
 DIFFUSION COEFFICIENT
 FLUID FLOW
 HEAT TRANSFER
 MASS FLOW
 MASS TRANSFER
 SPECIFIC HEAT
 THERMAL CONDUCTIVITY
- LEXAN (TRADEMARK)**
 GS CARBON COMPOUNDS
 . CARBONATES
 . . POLYCARBONATES
 . . . LEXAN (TRADEMARK)
 ESTERS
 . POLYCARBONATES
 . . LEXAN (TRADEMARK)
 RT ∞ POLYMERS
 RESINS
- LFO**
 USE LANDSAT FOLLOW-ON MISSIONS
- LIABILITIES**
 GS LAW (JURISPRUDENCE)
 . PUBLIC LAW
 . . LIABILITIES
 . . . LEGAL LIABILITY
 RT AIR LAW
 COMMERCE
 DISCIPLINING
 LOSSES
 PENALTIES
 REGULATIONS
- LIAPUNOV FUNCTIONS**
 UF LYAPUNOV FUNCTIONS
 GS ANALYSIS (MATHEMATICS)
 . REAL VARIABLES
 . . LIAPUNOV FUNCTIONS
 FUNCTIONS (MATHEMATICS)
 . LIAPUNOV FUNCTIONS
 RT DIFFERENTIAL EQUATIONS
- LIBERIA**
 RT AFRICA
 NATIONS
- LIBERTY BELL 7**
 GS MANNED SPACECRAFT
 . MERCURY SPACECRAFT
 . . LIBERTY BELL 7
 REENTRY VEHICLES
 . RECOVERABLE SPACECRAFT
 . . MERCURY SPACECRAFT
 . . . LIBERTY BELL 7
 SOFT LANDING SPACECRAFT
 . MERCURY SPACECRAFT
 . . LIBERTY BELL 7
 SPACE CAPSULES
 . MERCURY SPACECRAFT
 . . LIBERTY BELL 7
 RT MERCURY MR-4 FLIGHT
- LIBRARIES**
 RT BIBLIOGRAPHIES
 CATALOGS (PUBLICATIONS)
 DATA RETRIEVAL
 DOCUMENTATION
 DOCUMENTS
 INFORMATION DISSEMINATION
 INFORMATION RETRIEVAL
 INFORMATION SYSTEMS
 INTERSERVICE DATA EXCHANGE
 PROGRAM
 LITERATURE
 MUSEUMS
 ∞ REFERENCE SYSTEMS
 SELECTIVE DISSEMINATION OF
 INFORMATION
 TEXTBOOKS
 WORLD DATA CENTERS
- LIBRATION**
 RT EARTH LIMB
 LISSAJOUS FIGURES
 LUNAR FAR SIDE
 LUNAR LIMB
 ∞ MOTION
 NUTATION
 PRECESSION
 ROTATION
- LIBRATIONAL MOTION**
 RT LAGRANGE COORDINATES
 ∞ MOTION
 NUTATION
- LIBYA**
 RT AFRICA
 NATIONS
- LIBYAN DESERT**
 GS LAND
 . DESERTS
 . . LIBYAN DESERT
 RT AFRICA
- LICENSING**
 RT COPYRIGHTS
 PATENT APPLICATIONS
 POLICIES
 REGULATIONS
- LICHENS**
 GS PLANTS (BOTANY)
 . LICHENS
 RT ALGAE
 FUNGI
 LACUNAS
 SYMBIOSIS
- LIDAR**
 USE OPTICAL RADAR
- LIE GROUPS**
 GS ALGEBRA
 . LIE GROUPS
 . . SPINOR GROUPS
 GEOMETRY
 . DIFFERENTIAL GEOMETRY
 . . LIE GROUPS
 . . . SPINOR GROUPS
 RT GROUP THEORY
- LIECHTENSTEIN**
 RT EUROPE
 NATIONS

LIENARD POTENTIAL

LIENARD POTENTIAL

GS POTENTIAL ENERGY
 . ELECTRIC POTENTIAL
 . . LIENARD POTENTIAL
 RT ELECTRIC CURRENT
 ELECTRIC FIELDS

LIES

RT GALVANIC SKIN RESPONSE
 MENTAL PERFORMANCE

LIFE (BIOLOGY)

USE LIFE SCIENCES

LIFE (DURABILITY)

UF LIFETIME (DURABILITY)
 GS LIFE (DURABILITY)
 . FATIGUE LIFE
 . HALF LIFE
 . PLASMA LIFETIME
 . SATELLITE LIFETIME
 . SERVICE LIFE
 . STORAGE STABILITY
 RT ACCELERATED LIFE TESTS
 AIRCRAFT SURVIVABILITY
 DEPLETION
 DEPRECIATION
 DURABILITY
 FAILURE ANALYSIS
 LONG TERM EFFECTS
 . LONGEVITY
 . MILLS RATIO
 . MTBF
 . RESISTANCE
 . RETIREMENT FOR CAUSE
 . VULNERABILITY

LIFE CYCLE COSTS

GS COSTS
 . LIFE CYCLE COSTS
 RT COST ANALYSIS
 COST EFFECTIVENESS
 DESIGN TO COST
 FINANCIAL MANAGEMENT
 MANAGEMENT PLANNING
 PRODUCTION COSTS
 SYSTEMS ENGINEERING
 VALUE ENGINEERING

LIFE DETECTORS

RT BIOSATELLITES
 . DETECTORS
 . . EXTRATERRESTRIAL LIFE

LIFE RAFTS

GS RAFTS
 . LIFE RAFTS
 RT FLOATS
 INFLATABLE STRUCTURES
 LIFEBOATS

LIFE SCIENCES

UF LIFE (BIOLOGY)
 GS LIFE SCIENCES
 . EXTRATERRESTRIAL LIFE
 . MOLECULAR BIOLOGY
 RT A BIOGENESIS
 . AEROSPACE SCIENCES
 . AGING (BIOLOGY)
 . BIOLOGICAL EVOLUTION
 . CHEMICAL EVOLUTION
 . ENVIRONMENTAL ENGINEERING
 . NEUROLOGY
 . PHYSICAL SCIENCES
 . PSYCHOPHARMACOLOGY
 . SCIENCE

LIFE SPAN

SN (LIMITED TO THE LIFE SCIENCES)
 RT AGE FACTOR
 AGING (BIOLOGY)
 DEATH
 EXISTENCE
 GERONTOLOGY
 . LONGEVITY
 . MORTALITY
 . SPAN

LIFE SUPPORT SYSTEMS

GS SUPPORT SYSTEMS
 . LIFE SUPPORT SYSTEMS
 . . BIOPAKS
 . . CLOSED ECOLOGICAL SYSTEMS

LIFE SUPPORT SYSTEMS-(CONT.)

. . EMERGENCY LIFE SUSTAINING
 SYSTEMS
 . . . AEPS
 . . PORTABLE LIFE SUPPORT SYSTEMS
 . . . AEPS
 RT AEROSPACE ENVIRONMENTS
 AIR CONDITIONING
 ARTIFICIAL GRAVITY
 ASTRONAUT LOCOMOTION
 . ATMOSPHERES
 . BIOSATELLITES
 . BREATHING APPARATUS
 . ENVIRONMENTAL ENGINEERING
 . ENVIRONMENTS
 . EXOBIOLOGY
 . HUMAN FACTORS ENGINEERING
 . LONG TERM EFFECTS
 . LUNAR ENVIRONMENT
 . LUNAR LOGISTICS
 . LUNAR SHELTERS
 . NUTRIENTS
 . ONBOARD EQUIPMENT
 . OXYGEN MASKS
 . OXYGEN SUPPLY EQUIPMENT
 . PLANETARY ENVIRONMENTS
 . PRESSURE SUITS
 . PRESSURIZED CABINS
 . PROVISIONING
 . REBREATHING
 . SPACE FLIGHT FEEDING
 . SPACECRAFT ENVIRONMENTS
 . SURVIVAL
 . SUSTAINING
 . SYSTEMS
 . THERMAL ENVIRONMENTS
 . UNDERWATER BREATHING APPARATUS
 . VAPOR BARRIER CLOTHING
 . VENTILATION
 . WATER
 . WEIGHTLESSNESS

LIFEBOATS

GS SURFACE VEHICLES
 . BOATS
 . . LIFEBOATS
 . WATER VEHICLES
 . BOATS
 . . LIFEBOATS
 RT LIFE RAFTS
 RAFTS
 SURVIVAL EQUIPMENT

LIFETIME (DURABILITY)

USE LIFE (DURABILITY)

LIFT

UF AERODYNAMIC LIFT
 LIFT COEFFICIENTS
 LIFT DISTRIBUTION
 LIFT FORCES
 VARIABLE LIFT
 GS AERODYNAMIC CHARACTERISTICS
 . LIFT
 . . INTERFERENCE LIFT
 . . JET LIFT
 . . ROTOR LIFT
 . . ZERO LIFT
 . AERODYNAMIC FORCES
 . LIFT
 . . INTERFERENCE LIFT
 . . JET LIFT
 . . ROTOR LIFT
 . . ZERO LIFT
 . DYNAMIC CHARACTERISTICS
 . LIFT
 . . INTERFERENCE LIFT
 . . JET LIFT
 . . ROTOR LIFT
 . . ZERO LIFT
 RT AERODYNAMIC COEFFICIENTS
 AERODYNAMIC CONFIGURATIONS
 AERODYNAMIC DRAG
 AERODYNAMICS
 AIRFOILS
 ANGLE OF ATTACK
 ASPECT RATIO
 CAMBER
 DISTRIBUTION (PROPERTY)
 DRAG
 EXTERNALLY BLOWN FLAPS
 GLIDING
 GROUND EFFECT
 GROUND EFFECT (AERODYNAMICS)
 HYPERSONIC FORCES

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LIFT-(CONT.)

LEADING EDGE THRUST
 PRESSURE DISTRIBUTION
 SWEEP EFFECT
 UNDER SURFACE BLOWING
 UPPER SURFACE BLOWING

LIFT AUGMENTATION

RT BOUNDARY LAYER CONTROL
 CIRCULATION CONTROL AIRFOILS
 DOWNWASH
 PERIPHERAL JET FLOW
 SPANWISE BLOWING
 UPPER SURFACE BLOWN FLAPS
 VORTEX FLAPS

LIFT COEFFICIENTS

USE AERODYNAMIC COEFFICIENTS
 LIFT

LIFT DEVICES

UF LIFTING SURFACES
 RT BOUNDARY LAYER CONTROL
 . DEVICES
 . DIRECT LIFT CONTROLS
 . DRAG DEVICES
 . EXTERNALLY BLOWN FLAPS
 . FLAPS (CONTROL SURFACES)
 . MAGNETIC LEVITATION VEHICLES
 . SLOTS
 . UPPER SURFACE BLOWN FLAPS

LIFT DISTRIBUTION

USE FORCE DISTRIBUTION
 LIFT

LIFT DRAG RATIO

UF DRAG BALANCE
 GS RATIOS
 . LIFT DRAG RATIO
 RT AERODYNAMIC BALANCE
 AERODYNAMIC COEFFICIENTS
 AERODYNAMIC DRAG
 AERODYNAMIC STALLING
 BOUNDARY LAYER SEPARATION
 DRAG REDUCTION
 FORCE DISTRIBUTION
 PRESSURE RATIO

LIFT FANS

UF FANLIFT DEVICES
 RT DUCTED FANS
 FAN IN WING AIRCRAFT
 LIFTING ROTORS
 PROPELLER FANS
 ROTARY WINGS
 SHORT TAKEOFF AIRCRAFT
 TURBOFANS
 VERTICAL TAKEOFF AIRCRAFT
 XV-11A AIRCRAFT

LIFT FORCES

USE LIFT

LIFTING BODIES

UF LIFTING SURFACES
 GS LIFTING BODIES
 . LIFTING REENTRY VEHICLES
 . . HL-10 REENTRY VEHICLE
 . . HLD-35 REENTRY VEHICLE
 . . JANUS SPACECRAFT
 . . M-2 LIFTING BODY
 . . M-2F2 LIFTING BODY
 . . X-20 AIRCRAFT
 . . X-24 AIRCRAFT
 . . M-2F3 LIFTING BODY
 RT AERODYNAMIC CONFIGURATIONS
 AIRFOILS
 BLUFF BODIES
 . BODIES
 . DEVICES
 . LUNAR FLYING VEHICLES
 . REENTRY VEHICLES
 . TOWED BODIES

LIFTING REENTRY VEHICLES

UF REENTRY GLIDERS
 SPACE GLIDERS
 GS HYPERSONIC VEHICLES
 . LIFTING REENTRY VEHICLES
 . . HLD-35 REENTRY VEHICLE
 . . JANUS SPACECRAFT
 . . M-2F2 LIFTING BODY
 . . X-20 AIRCRAFT

LIFTING REENTRY VEHICLES-(CONT.)

LIFTING BODIES

LIFTING REENTRY VEHICLES

.. HL-10 REENTRY VEHICLE
 .. HLD-35 REENTRY VEHICLE
 .. JANUS SPACECRAFT
 .. M-2 LIFTING BODY
 .. M-2F2 LIFTING BODY
 .. X-20 AIRCRAFT
 .. X-24 AIRCRAFT

MANEUVERABLE SPACECRAFT

LIFTING REENTRY VEHICLES

.. HL-10 REENTRY VEHICLE
 .. HLD-35 REENTRY VEHICLE
 .. JANUS SPACECRAFT
 .. M-2 LIFTING BODY
 .. M-2F2 LIFTING BODY
 .. X-20 AIRCRAFT

REENTRY VEHICLES

LIFTING REENTRY VEHICLES

.. FDL-5 REENTRY VEHICLE
 .. HL-10 REENTRY VEHICLE
 .. HLD-35 REENTRY VEHICLE
 .. JANUS SPACECRAFT
 .. M-2 LIFTING BODY
 .. M-2F2 LIFTING BODY
 .. X-20 AIRCRAFT

RT AEROSPACEPLANES

AIRCRAFT

ASSET GLIDERS
 ASTRO VEHICLE
 ASTROPLANE
 BOOSTGLIDE VEHICLES
 GLIDERS
 HYPERSONIC GLIDERS
 INFLATABLE HYPERSONIC VEHICLES
 MANNED REENTRY
 MANNED SPACECRAFT
 RECOVERABLE SPACECRAFT
 REENTRY
 SPACECRAFT REENTRY

LIFTING ROTORS

GS

AIRFOILS
 .. WINGS
 .. ROTARY WINGS
 .. LIFTING ROTORS
 .. BEARINGLESS ROTORS
 ROTATING BODIES
 .. ROTORS
 .. ROTARY WINGS

LIFTING ROTORS

.. BEARINGLESS ROTORS

RT

GROUND EFFECT MACHINES
 LIFT FANS
 ROTARY WING AIRCRAFT
 SHORT TAKEOFF AIRCRAFT
 VERTICAL TAKEOFF AIRCRAFT

LIFTING SURFACES

USE

LIFT DEVICES
 LIFTING BODIES
 SURFACES

∞ LIFTS

SN

(USE OF A MORE SPECIFIC TERM IS
 RECOMMENDED--CONSULT THE TERMS
 LISTED BELOW)

RT

CONVEYORS
 CRANES
 ELEVATORS (LIFTS)
 ESCALATORS
 JACKS (LIFTS)
 WINCHES

LIGAMENTS

RT

CONNECTIVE TISSUE
 JOINTS (ANATOMY)

LIGANDS

RT

CHEMICAL BONDS
 CHEMICAL COMPOSITION

LIGHT (VISIBLE RADIATION)

UF

EXTRAGALACTIC LIGHT
 OPTICAL SPECTRUM
 VISIBLE RADIATION

GS

ELECTROMAGNETIC RADIATION
 .. LIGHT (VISIBLE RADIATION)
 .. COHERENT LIGHT
 .. GEGENSCHEN
 .. LIGHT BEAMS
 .. POLARIZED LIGHT
 .. SKY RADIATION
 .. AIRGLOW

LIGHT (VISIBLE RADIATION)-(CONT.)

.. .. GEOCORONAL EMISSIONS
 NIGHTGLOW
 TWILIGHT GLOW
 DAYGLOW
 SUNLIGHT
 ZODIACAL LIGHT

RT

ATMOSPHERIC RADIATION
 ATTENUATION
 BEAMS (RADIATION)
 BLACK BODY RADIATION
 BRIGHTNESS
 CERENKOV RADIATION
 COHERENT ELECTROMAGNETIC
 RADIATION
 COHERENT RADIATION
 COLOR
 CRITICAL FREQUENCIES
 DARKNESS
 DICHROISM
 ELECTROMAGNETIC SPECTRA
 ENERGY ABSORPTION
 EXCITONS
 EXTRATERRESTRIAL RADIATION

∞ FLASH

GEOMETRICAL OPTICS

GLARE
 ILLUMINANCE
 INCANDESCENCE
 INFRARED RADIATION
 LIGHT CURVE
 LIGHTING EQUIPMENT
 LINE SPECTRA
 LUMENS
 LUMINAIRES
 LUMINANCE
 LUMINESCENCE
 LUMINOSITY
 LUMINOUS INTENSITY
 MONOCHROMATIC RADIATION
 NEAR INFRARED RADIATION
 NEAR ULTRAVIOLET RADIATION
 OPACITY
 OPTICAL DEPOLARIZATION
 OPTICAL EMISSION SPECTROSCOPY
 OPTICAL MEASUREMENT
 OPTICAL PROPERTIES

∞ OPTICS

PHOTICS
 PHOTOMETRY
 PHOTONS
 PHOTONUCLEAR REACTIONS
 PHOTOPHILIC PLANTS
 PHOTSENSITIVITY
 PLANETARY RADIATION
 POLARIZED ELECTROMAGNETIC
 RADIATION
 POLARIZERS
 RAMAN SPECTRA
 REFLECTION
 REFRACTION
 REFRACTIVITY
 SHADOWS
 SKY BRIGHTNESS
 SOLAR RADIATION
 THERMAL RADIATION
 TRANSMITTANCE
 ULTRAVIOLET SPECTRA
 VISIBILITY
 VISIBLE SPECTRUM

LIGHT ABSORPTION

USE

ELECTROMAGNETIC ABSORPTION

LIGHT ADAPTATION

GS

ADAPTATION
 .. RETINAL ADAPTATION
 .. LIGHT ADAPTATION
 SENSITIVITY
 .. PHOTSENSITIVITY
 .. LIGHT ADAPTATION
 RT FLASH BLINDNESS
 NIGHT VISION
 PUPILLOMETRY
 THRESHOLDS (PERCEPTION)
 VISION

LIGHT AIRBORNE MULTIPURPOSE SYSTEM

UF

LAMPS PROGRAM
 NAVIGATION AIDS
 .. LIGHT AIRBORNE MULTIPURPOSE
 SYSTEM
 ONBOARD EQUIPMENT
 .. AIRBORNE EQUIPMENT

LIGHT AIRBORNE MULTIPURPOSE-(CONT.).. LIGHT AIRBORNE MULTIPURPOSE
 SYSTEM

RT

AIRCRAFT EQUIPMENT
 FLIGHT INSTRUMENTS
 NAVIGATION INSTRUMENTS
 ∞ SYSTEMS

LIGHT AIRCRAFT

GS

LIGHT AIRCRAFT
 .. BEECH 99 AIRCRAFT
 .. BEECHCRAFT 18 AIRCRAFT
 .. BEECHCRAFT 95 AIRCRAFT
 .. C-33 AIRCRAFT
 .. C-35 AIRCRAFT
 .. BOLKOW 207 AIRCRAFT
 .. CESSNA L-19 AIRCRAFT
 .. CESSNA 172 AIRCRAFT
 .. CESSNA 205 AIRCRAFT
 .. CESSNA 210 AIRCRAFT
 .. CESSNA 336 AIRCRAFT
 .. CESSNA 402B AIRCRAFT
 .. DH 125 AIRCRAFT
 .. DINFIA FA AIRCRAFT
 .. DO-27 AIRCRAFT
 .. DO-28 AIRCRAFT
 .. F-28 HELICOPTER
 .. FIREBEE 2 TARGET DRONE AIRCRAFT
 .. G-1 AIRCRAFT
 .. G-91 AIRCRAFT
 .. GRASSHOPPER HELICOPTER
 .. GY-80 AIRCRAFT
 .. KH-4 HELICOPTER
 .. LIGHT INTRATHEATER TRANSPORT
 .. M-218 AIRCRAFT
 .. MH-262 AIRCRAFT
 .. MYSTERE 20 AIRCRAFT
 .. OH-4 HELICOPTER
 .. OH-5 HELICOPTER
 .. OH-6 HELICOPTER
 .. OH-13 HELICOPTER
 .. OH-23 HELICOPTER
 .. OH-58 HELICOPTER
 .. P-166 AIRCRAFT
 .. PD-808 AIRCRAFT
 .. PIPER AIRCRAFT
 .. PA-34 SENECA AIRCRAFT
 .. POTEZ 840 AIRCRAFT
 .. PZL M-4 AIRCRAFT
 .. SAAB 91 AIRCRAFT
 .. SAAB 105 AIRCRAFT
 .. SC-7 AIRCRAFT
 .. SIEMETZKI T-3 HELICOPTER
 .. U-3 AIRCRAFT
 .. U-10 AIRCRAFT
 .. VZ-8 AIRCRAFT
 .. YAK 40 AIRCRAFT
 RT AGRICULTURAL AIRCRAFT
 ∞ AIRCRAFT
 BIPLANES
 DRONE AIRCRAFT
 GENERAL AVIATION AIRCRAFT
 ∞ LOW WING AIRCRAFT
 ∞ MILITARY AIRCRAFT
 MYSTERE 50 AIRCRAFT
 OBSERVATION AIRCRAFT
 PASSENGER AIRCRAFT
 PILOTLESS AIRCRAFT
 RECONNAISSANCE AIRCRAFT
 SUBMERSIBLE AIRCRAFT
 ∞ SUBSONIC AIRCRAFT
 TERRAIN FOLLOWING AIRCRAFT
 TRAINING AIRCRAFT
 TRANSPORT AIRCRAFT
 UTILITY AIRCRAFT
 WATER TAKEOFF AND LANDING
 AIRCRAFT

LIGHT ALLOYS

GS

ALLOYS
 .. LIGHT ALLOYS
 .. ALUMINUM ALLOYS
 .. BERYLLIUM ALLOYS
 .. MAGNESIUM ALLOYS
 RT ∞ METALLURGY
 METALS

LIGHT AMPLIFIERS

UF

OPTICAL AMPLIFIERS
 GS AMPLIFIERS
 .. LIGHT AMPLIFIERS
 RT HCN LASERS
 IMAGE CONVERTERS
 IMAGE ENHANCEMENT
 IMAGE INTENSIFIERS

LIGHT ARMED RECONNAISSANCE AIRCRAFT

LIGHT AMPLIFIERS-(CONT.)

LALLEMAND CAMERAS
LASER CAVITIES
LASER MICROSCOPY
LASERS
MICROCHANNELS
PHOTOCATHODES
ULTRASHORT PULSED LASERS
ULTRAVIOLET LASERS

LIGHT ARMED RECONNAISSANCE AIRCRAFT

USE COIN AIRCRAFT

LIGHT BEAMS

UF LIGHT PROBES
GS BEAMS (RADIATION)
. PHOTON BEAMS
. LIGHT BEAMS
ELECTROMAGNETIC RADIATION
. LIGHT (VISIBLE RADIATION)
. LIGHT BEAMS
. PHOTON BEAMS
. LIGHT BEAMS
PARTICLES
. ELEMENTARY PARTICLES
. BOSONS
. PHOTONS
. LIGHT BEAMS
RT LASERS
OPTICAL WAVEGUIDES
RARE GAS-HALIDE LASERS

LIGHT BULBS

USE LUMINAIRES

LIGHT COMMUNICATION

USE OPTICAL COMMUNICATION

LIGHT CURVE

RT ∞ CURVES
LIGHT (VISIBLE RADIATION)
STELLAR RADIATION

LIGHT DURATION

USE FLASH
PULSE DURATION

LIGHT ELEMENTS

GS CHEMICAL ELEMENTS
. LIGHT ELEMENTS
RT ∞ ELEMENTS
LOW DENSITY MATERIALS

LIGHT EMISSION

UF OPTICAL EMISSION
GS DECAY
. EMISSION
. LIGHT EMISSION
. INCANDESCENCE
. LUMINESCENCE
. BIOLUMINESCENCE
. CATHODE GLOW
. CATHODOLUMINESCENCE
. CHEMILUMINESCENCE
. ELECTROLUMINESCENCE
. FLUORESCENCE
. PHOSPHORESCENCE
. RESONANCE FLUORESCENCE
. X RAY FLUORESCENCE
. LUNAR LUMINESCENCE
. OPTICAL RESONANCE
. PHOTOLUMINESCENCE
. X RAY FLUORESCENCE
. SHOCK WAVE LUMINESCENCE
. SONOLUMINESCENCE
. THERMOLUMINESCENCE
RT AIRGLOW
AURORAL ABSORPTION
AURORAL IONIZATION
AURORAL SPECTROSCOPY
AURORAS
DIMMING
ELECTROMAGNETIC RADIATION
LINEAR POLARIZATION
SELF SUSTAINED EMISSION
SKY BRIGHTNESS
SPECTRAL EMISSION
STIMULATED EMISSION
WHITE HOLES (ASTRONOMY)

LIGHT EMITTING DIODES

UF LED (DIODES)
GS ELECTRONIC EQUIPMENT
. DIODES

LIGHT EMITTING DIODES-(CONT.)

. . . SEMICONDUCTOR DIODES
. . . LIGHT EMITTING DIODES
. SOLID STATE DEVICES
. . . SEMICONDUCTOR DEVICES
. . . LIGHT EMITTING DIODES
RT AIRCRAFT INSTRUMENTS
ALPHANUMERIC CHARACTERS
DISPLAY DEVICES
ELECTROLUMINESCENCE
LUMINESCENCE
PHOTONICS

LIGHT GAS GUNS

GS GAS GUNS
. LIGHT GAS GUNS
RT HYPERVELOCITY PROJECTILES

LIGHT INTENSITY

USE LUMINOUS INTENSITY

LIGHT INTRATHEATER TRANSPORT

GS LIGHT AIRCRAFT
. LIGHT INTRATHEATER TRANSPORT
TRANSPORT AIRCRAFT
. LIGHT INTRATHEATER TRANSPORT
RT ∞ AIRCRAFT
COIN AIRCRAFT

LIGHT IONS

GS IONS
. LIGHT IONS
RT CHEMICAL ELEMENTS
HEAVY IONS
PLASMAS (PHYSICS)

LIGHT MODULATION

UF OPTICAL MASER MODULATION
OPTICAL MODULATION
GS MODULATION
. LIGHT MODULATION
. MIROS SYSTEM
. ULTRASONIC LIGHT MODULATION
RT AMPLITUDE MODULATION
ELECTRO-OPTICAL EFFECT
FREQUENCY MODULATION
KERR ELECTROOPTICAL EFFECT
LASERS
MODULATORS
OPTICAL HETERODYNING
PULSE MODULATION
TRAVELING WAVE MODULATION
TUNABLE LASERS

LIGHT PRESSURE

USE ILLUMINANCE

LIGHT PROBES

USE LIGHT BEAMS

LIGHT SCATTERING

GS SCATTERING
. WAVE SCATTERING
. ELECTROMAGNETIC SCATTERING
. LIGHT SCATTERING
. . . HALOS
TRANSMISSION
. ELECTROMAGNETIC WAVE
TRANSMISSION
. LIGHT TRANSMISSION
. . . HALOS
. WAVE PROPAGATION
. LIGHT SCATTERING
. . . HALOS
RT AFTERGLOWS
ATMOSPHERIC SCATTERING
BRILLOUIN EFFECT
CIRCUMSOLAR RADIATION
DIFFUSE RADIATION
ELECTROMAGNETIC ABSORPTION
FORWARD SCATTERING
GRAVITATIONAL LENSES
INFRARED ABSORPTION
RAYLEIGH SCATTERING
SCATTER PLATES (OPTICS)
SPECKLE PATTERNS
TRANSMISSIVITY
TROPOSPHERIC SCATTERING
UMKEHR EFFECT

LIGHT SCATTERING METERS

GS MEASURING INSTRUMENTS
. OPTICAL MEASURING INSTRUMENTS

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LIGHT SCATTERING METERS-(CONT.)

. . . LIGHT SCATTERING METERS
OPTICAL EQUIPMENT
. OPTICAL MEASURING INSTRUMENTS
. LIGHT SCATTERING METERS
RT METEOROLOGICAL INSTRUMENTS

LIGHT SOURCES

GS LIGHT SOURCES
. ILLUMINATORS
RT ARC LAMPS
CATHODOLUMINESCENCE
DAYGLOW
DUOCHROMATORS
ELECTRIC ARCS
ELECTROLUMINESCENCE
FLASH LAMPS
GLOW DISCHARGES
HCN LASERS
HEAT SOURCES
ILLUMINATING
LASERS
LIGHTING EQUIPMENT
LUMINAIRES
MERCURY LAMPS
MONOCHROMATORS
MOON
PLASMA DISPLAY DEVICES
POINT SOURCES
RADIATION SOURCES
SUN

LIGHT SPEED

GS RATES (PER TIME)
. LIGHT SPEED
VELOCITY
RT HIGH SPEED
RELATIVISTIC VELOCITY
SCHWARZSCHILD METRIC

LIGHT TRANSMISSION

UF OPTICAL ABSORPTION
GS TRANSMISSION
. ELECTROMAGNETIC WAVE
TRANSMISSION
. LIGHT TRANSMISSION
. . . LIGHT SCATTERING
. . . HALOS
RT ABSORPTANCE
ATMOSPHERIC OPTICS
ATMOSPHERIC REFRACTION
FERMAT PRINCIPLE
FIBER OPTICS
FLICKER
GAMMA RAY LASERS
GEOMETRICAL OPTICS
HAZE
ILLUMINATING
 ∞ ILLUMINATION
INTEGRATED OPTICS
LASERS
LOW VISIBILITY
MOLECULAR ABSORPTION
OPACITY
OPTICAL COUPLING
OPTICAL PROPERTIES
OPTICAL REFLECTION
OPTICAL WAVEGUIDES
RAINBOWS
STIMULATED EMISSION DEVICES
TRANSLUCENCE
TRANSPARENCE
TURBIDITY
ULTRAVIOLET LASERS
VISIBILITY
WAVE DISPERSION
WAVE PROPAGATION

LIGHT TRANSPORT AIRCRAFT

GS COMMERCIAL AIRCRAFT
. LIGHT TRANSPORT AIRCRAFT
TRANSPORT AIRCRAFT
. LIGHT TRANSPORT AIRCRAFT
RT ∞ AIRCRAFT
MULTIENGINE VEHICLES
PASSENGER AIRCRAFT

LIGHT WATER

UF PROTIUM
GS HYDROGEN COMPOUNDS
. LIGHT WATER
WATER
. LIGHT WATER

LIGHT WATER BREEDER REACTORS
 GS NUCLEAR REACTORS
 . BREEDER REACTORS
 . . LIGHT WATER BREEDER REACTORS
 RT HEAVY WATER REACTORS

LIGHT WATER REACTORS
 GS NUCLEAR REACTORS
 . LIQUID COOLED REACTORS
 . . WATER COOLED REACTORS
 . . . LIGHT WATER REACTORS
 RT WATER MODERATED REACTORS

LIGHT-CONE EXPANSION
 GS ELECTRODYNAMICS
 . QUANTUM ELECTRODYNAMICS
 . . LIGHT-CONE EXPANSION
 NUCLEAR REACTIONS
 . HIGH ENERGY INTERACTIONS
 . . LIGHT-CONE EXPANSION
 QUANTUM MECHANICS
 . QUANTUM ELECTRODYNAMICS
 . . LIGHT-CONE EXPANSION

LIGHTHILL GAS MODEL
 GS MODELS
 . LIGHTHILL GAS MODEL
 RT BOUNDARY LAYER FLOW
 GAS MIXTURES
 GAS TRANSPORT
 HYPERSONIC FLOW
 MOLECULAR THEORY
 TRANSPORT PROPERTIES

LIGHTHILL METHOD
 RT AIRFOIL PROFILES
 AIRFOILS
 CONFORMAL MAPPING
 FLOW THEORY
 INTEGRAL TRANSFORMATIONS
 ∞ METHODOLOGY

LIGHTING
 USE ILLUMINATING

LIGHTING EQUIPMENT
 GS LIGHTING EQUIPMENT
 . AIRCRAFT LIGHTS
 . ILLUMINATORS
 . LUMINAIRES
 . . AIRPORT LIGHTS
 . . . RUNWAY LIGHTS
 . . ARC LAMPS
 . . FLASH LAMPS
 . . . ALKALI VAPOR LAMPS
 . . MERCURY LAMPS
 . . QUARTZ LAMPS
 . . SEARCHLIGHTS
 . . XENON LAMPS
 RT ∞ ELECTRIC EQUIPMENT
 ∞ EQUIPMENT
 ∞ FLARES
 ILLUMINATING
 LIGHT (VISIBLE RADIATION)
 LIGHT SOURCES
 ONBOARD EQUIPMENT
 WASTE ENERGY UTILIZATION

LIGHTNING
 GS ELECTRIC CURRENT
 . ELECTRIC DISCHARGES
 . . LIGHTNING
 . . . BALL LIGHTNING
 RT ∞ ARRESTERS
 ATMOSPHERIC ELECTRICITY
 ELECTRIC ARCS
 ELECTRIC SPARKS
 ELECTRICITY
 ELECTRODELESS DISCHARGES
 GAS DISCHARGES
 LIGHTNING SUPPRESSION
 RADIATIVE RECOMBINATION
 STATIC ELECTRICITY
 THUNDERSTORMS
 WHISTLERS

LIGHTNING SUPPRESSION
 GS WEATHER MODIFICATION
 . LIGHTNING SUPPRESSION
 RT ATMOSPHERIC ELECTRICITY
 CLIMATOLOGY
 ELECTRIC DISCHARGES
 LIGHTNING
 THUNDERSTORMS

LIGHTS
 USE LUMINAIRES

LIGNIN
 RT CELLULOSE
 ∞ POLYMERS

LIGNITE
 GS RESOURCES
 . EARTH RESOURCES
 . . FOSSIL FUELS
 . . . COAL
 LIGNITE
 ROCKS
 . COAL
 . . LIGNITE
 SEDIMENTARY ROCKS
 . CARBONACEOUS ROCKS
 . . COAL
 . . . LIGNITE
 RT ASHES
 BITUMENS
 CARBONACEOUS MATERIALS
 COAL GASIFICATION
 COAL LIQUEFACTION
 COAL UTILIZATION
 COKE
 ENERGY CONVERSION
 ENERGY POLICY
 ENERGY TECHNOLOGY
 GASEOUS FUELS
 HYDROCARBON FUEL PRODUCTION
 HYDROCARBON FUELS
 HYDROGEN PRODUCTION
 HYDROLYSIS
 SYNTHANE

LIKELIHOOD RATIO
 GS STATISTICAL ANALYSIS
 . LIKELIHOOD RATIO
 RT ESTIMATES
 MATHEMATICAL MODELS
 MAXIMUM LIKELIHOOD ESTIMATES
 PROBABILITY THEORY
 STATISTICAL TESTS

LIMB BRIGHTENING
 RT 8 STARS
 BRIGHTNESS
 BRIGHTNESS TEMPERATURE
 ∞ LIMBS
 SOLAR FLUX
 SOLAR FLUX DENSITY
 SOLAR GRANULATION
 SOLAR LIMB
 STELLAR ATMOSPHERES
 STELLAR LUMINOSITY

LIMB DARKENING
 GS DARKENING
 . LIMB DARKENING
 RT 8 STARS
 BINARY STARS
 ∞ LIMBS
 SOLAR LIMB
 STELLAR ATMOSPHERES
 STELLAR LUMINOSITY

∞ LIMBS
 SN (USE OF A MORE SPECIFIC TERM IS
 RECOMMENDED--CONSULT THE TERMS
 LISTED BELOW)

RT EARTH LIMB
 LIMB BRIGHTENING
 LIMB DARKENING
 LIMBS (ANATOMY)
 LUNAR LIMB
 PLANETARY LIMB
 SOLAR LIMB

LIMBS (ANATOMY)
 GS ANATOMY
 . LIMBS (ANATOMY)
 . . ARM (ANATOMY)
 . . . ELBOW (ANATOMY)
 . . . FOREARM
 . . . HAND (ANATOMY)
 . . . LEG (ANATOMY)
 . . . KNEE (ANATOMY)
 RT APPENDAGES
 FEET (ANATOMY)
 HUMAN BODY
 ∞ LIMBS

LIME
 USE CALCIUM OXIDES

LIMEN
 RT PSYCHOLOGICAL TESTS
 THRESHOLDS (PERCEPTION)

LIMESTONE
 GS ROCKS
 . LIMESTONE
 SEDIMENTARY ROCKS
 . LIMESTONE
 RT AGGREGATES
 CALCIUM CARBONATES
 DOLOMITE (MINERAL)
 EARTH RESOURCES
 FLUXES
 MINERALS
 SCHIST
 SOILS

LIMITATIONS
 USE CONSTRAINTS

LIMITER AMPLIFIERS
 GS AMPLIFIERS
 . LIMITER AMPLIFIERS

LIMITER CIRCUITS
 GS CIRCUITS
 . LIMITER CIRCUITS
 . . CLIPPER CIRCUITS
 RT CIRCULATORS (PHASE SHIFT CIRCUITS)
 CLAMPING CIRCUITS
 CURRENT REGULATORS
 POWER LIMITERS

LIMITERS (FUSION REACTORS)
 RT BLANKETS (FUSION REACTORS)
 CONTROLLED FUSION
 FUSION REACTORS
 MODERATION (ENERGY ABSORPTION)
 MODERATORS
 PLASMA CONTROL
 PLASMA LOSS
 REACTOR DESIGN
 REACTOR MATERIALS
 TOKAMAK DEVICES
 TOROIDAL PLASMAS
 WALLS

∞ LIMITS
 SN (USE OF A MORE SPECIFIC TERM IS
 RECOMMENDED--CONSULT THE TERMS
 LISTED BELOW)
 RT IGNITION LIMITS
 LIMITS (MATHEMATICS)
 RANGE (EXTREMES)

LIMITS (MATHEMATICS)
 GS ANALYSIS (MATHEMATICS)
 . CALCULUS
 . . LIMITS (MATHEMATICS)
 . . REAL VARIABLES
 . . . EXTREMUM VALUES
 . . . LIMITS (MATHEMATICS)
 RT DIFFERENTIAL CALCULUS
 ∞ ENVELOPES
 ∞ LIMITS

LIMNOLOGY
 RT AQUIFERS
 ARROYOS
 EARTH HYDROSPHERE
 FRESH WATER
 GEOCHEMISTRY
 GEOPHYSICS
 GROUND WATER
 ∞ HYDRAULICS
 HYDROGRAPHY
 HYDROLOGY
 LAKE TEXOMA (OK-TX)
 LAKES
 MARINE BIOLOGY
 MARINE CHEMISTRY
 PONDS
 POTABLE WATER
 RAIN
 STREAMS
 WATER
 WATER MANAGEMENT
 WATER POLLUTION
 WATER RESOURCES
 WELLS

LIMONITE

LIMONITE

GS IRON COMPOUNDS
 . LIMONITE
 MINERALS
 . LIMONITE

LINCOLN EXPERIMENTAL SATELLITES

UF LES
 GS SATELLITES
 . ARTIFICIAL SATELLITES
 . LINCOLN EXPERIMENTAL SATELLITES
 . EARTH SATELLITES
 . LINCOLN EXPERIMENTAL SATELLITES

LINE CURRENT

GS ELECTRIC CURRENT
 . LINE CURRENT
 RT ELECTRIC POWER SUPPLIES
 ELECTRODYNAMICS
 MAGNETOHYDRODYNAMIC FLOW
 PLASMA CURRENTS
 ∞ POWER SUPPLIES

LINE OF SIGHT

RT AREA
 COORDINATES
 ∞ DIRECTION
 LOC
 TARGETS

LINE OF SIGHT COMMUNICATION

GS TELECOMMUNICATION
 . COMMUNICATION
 . LINE OF SIGHT COMMUNICATION
 RT BORESIGHT ERROR
 FREQUENCY MODULATION
 SPACE COMMUNICATION
 TELEVISION TRANSMISSION

LINE SHAPE

GS SHAPES
 . LINE SHAPE
 RT CURVES (GEOMETRY)
 INFLECTION POINTS
 ∞ PROFILES

LINE SPECTRA

UF SPECTRAL LINES
 GS SPECTRA
 . RADIATION SPECTRA
 . ELECTROMAGNETIC SPECTRA
 . LINE SPECTRA
 . . . BALMER SERIES
 . . . D LINES
 . . . ELECTRONIC SPECTRA
 . . . FRAUNHOFER LINES
 . . . H LINES
 . . . H ALPHA LINE
 . . . H BETA LINE
 . . . H GAMMA LINE
 . . . K LINES
 . . . LYMAN SPECTRA
 . . . PASCHEN SERIES
 . . . RYDBERG SERIES
 . . . TELLURIC LINES
 RT ABSORPTION SPECTRA
 ATOMIC ENERGY LEVELS
 BOHR THEORY
 EMISSION SPECTRA
 FINE STRUCTURE
 FLAME SPECTROSCOPY
 FREQUENCIES
 HYPERFINE STRUCTURE
 INFRARED SPECTRA
 LIGHT (VISIBLE RADIATION)
 ∞ LINES
 MOLECULAR SPECTROSCOPY
 PRESSURE BROADENING
 RAMAN SPECTRA
 RAMAN SPECTROSCOPY
 RESONANCE LINES
 SEYFERT GALAXIES
 SOLAR SPECTRA
 SPECTRAL BANDS
 SPECTRAL EMISSION
 SPECTRAL ENERGY DISTRIBUTION
 SPECTRAL LINE WIDTH
 SPECTRAL RESOLUTION
 SPECTROGRAMS
 SPECTRUM ANALYSIS
 STARK EFFECT
 STELLAR SPECTRA
 ULTRAVIOLET SPECTRA

LINE SPECTRA-(CONT.)

VISIBLE SPECTRUM

LINEAMENT

USE STRUCTURAL PROPERTIES (GEOLOGY)

LINEAR ACCELERATORS

GS PARTICLE ACCELERATORS
 . LINEAR ACCELERATORS
 RT ∞ ACCELERATORS
 ELECTRON ACCELERATORS
 ION SOURCES
 MULTIPACTOR DISCHARGES
 NEUTRON SOURCES

LINEAR AMPLIFIERS

GS AMPLIFIERS
 . LINEAR AMPLIFIERS

LINEAR ARRAYS

GS ARRAYS
 . ANTENNA ARRAYS
 . LINEAR ARRAYS
 . . . ENDFIRE ARRAYS
 . . . YAGI ANTENNAS
 RT DIPOLE ANTENNAS
 MULTIPLE BEAM INTERVAL SCANNERS
 PHASED ARRAYS
 PUSHBROOM SENSOR MODES

LINEAR CIRCUITS

GS CIRCUITS
 . LINEAR CIRCUITS
 RT AMPLIFIERS
 DISTRIBUTED PARAMETER SYSTEMS
 ELECTRICAL RESISTANCE
 SUPERPOSITION (MATHEMATICS)
 VOLT-AMPERE CHARACTERISTICS

LINEAR ENERGY TRANSFER (LET)

GS ENERGY TRANSFER
 . LINEAR ENERGY TRANSFER (LET)
 RT IONIZING RADIATION

LINEAR EQUATIONS

GS ALGEBRA
 . LINEAR EQUATIONS
 . . LINEAR EVOLUTION EQUATIONS
 ANALYSIS (MATHEMATICS)
 . REAL VARIABLES
 . LINEAR EQUATIONS
 . . LINEAR EVOLUTION EQUATIONS
 RT DETERMINANTS
 ∞ EQUATIONS
 FLOQUET THEOREM
 MATRICES (MATHEMATICS)
 OPERATIONAL CALCULUS
 POLYNOMIALS

LINEAR EVOLUTION EQUATIONS

GS ALGEBRA
 . LINEAR EQUATIONS
 . LINEAR EVOLUTION EQUATIONS
 ANALYSIS (MATHEMATICS)
 . REAL VARIABLES
 . LINEAR EQUATIONS
 . . LINEAR EVOLUTION EQUATIONS
 RT DIFFERENCE EQUATIONS
 ∞ EQUATIONS

LINEAR FILTERS

GS LINEAR FILTERS
 . KALMAN FILTERS
 . REDUCED ORDER FILTERS
 RT ADAPTIVE FILTERS
 ELECTRIC FILTERS
 ELECTROMAGNETIC WAVE FILTERS
 ∞ FILTERS
 ∞ FREQUENCY RESPONSE
 NONLINEAR FILTERS

LINEAR INTEGRATED CIRCUITS

GS CIRCUITS
 . INTEGRATED CIRCUITS
 . LINEAR INTEGRATED CIRCUITS
 RT ELECTRONIC PACKAGING
 LARGE SCALE INTEGRATION
 MICROMINIATURIZATION
 MOLECULAR ELECTRONICS
 TRANSISTOR CIRCUITS

LINEAR POLARIZATION

GS POLARIZATION (WAVES)
 . LINEAR POLARIZATION

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LINEAR POLARIZATION-(CONT.)

RT LIGHT EMISSION
 MICROWAVE EMISSION
 OPTICAL POLARIZATION
 ∞ POLARIZATION
 . POLARIZED ELECTROMAGNETIC RADIATION
 POLARIZED RADIATION
 RADIO ASTRONOMY

LINEAR PREDICTION

GS PREDICTIONS
 . LINEAR PREDICTION
 RT COMPUTATION
 DIFFERENTIAL PULSE CODE MODULATION
 MATHEMATICAL MODELS
 OPERATIONS RESEARCH
 QUALITY CONTROL
 STATISTICAL ANALYSIS

LINEAR PROGRAMMING

GS RESEARCH
 . OPERATIONS RESEARCH
 . MATHEMATICAL PROGRAMMING
 . . LINEAR PROGRAMMING
 RT ∞ APPLICATIONS OF MATHEMATICS
 COMPUTER PROGRAMMING
 CONSTRAINTS
 DYNAMIC PROGRAMMING
 FORMALISM
 GAME THEORY
 MATRICES (MATHEMATICS)
 NONLINEAR PROGRAMMING
 NUMERICAL ANALYSIS
 OPERATIONS RESEARCH
 OPTIMIZATION
 ∞ PROGRAMMING
 SIMPLEX METHOD

LINEAR RECEIVERS

GS RECEIVERS
 . LINEAR RECEIVERS
 RT ∞ FREQUENCY RESPONSE
 NYQUIST FREQUENCIES

LINEAR SYSTEMS

RT DISTRIBUTED PARAMETER SYSTEMS
 NONLINEAR SYSTEMS
 ROBUSTNESS (MATHEMATICS)
 ∞ SYSTEMS
 TRACKING PROBLEM

LINEAR TRANSFORMATIONS

GS ALGEBRA
 . LINEAR TRANSFORMATIONS
 FUNCTIONS (MATHEMATICS)
 . LINEAR TRANSFORMATIONS
 RT FOURIER ANALYSIS
 JORDAN FORM
 MATRICES (MATHEMATICS)
 ORTHOGONAL FUNCTIONS
 SCHWARTZ INEQUALITY
 VECTOR SPACES

LINEAR VIBRATION

GS VIBRATION
 . STRUCTURAL VIBRATION
 . LINEAR VIBRATION
 RT FREE VIBRATION
 MISSILE VIBRATION
 RANDOM VIBRATION
 VIBRATION MODE

LINEARITY

GS LINEARITY
 . COLLINEARITY
 RT ACCURACY
 CONSISTENCY
 DIFFERENTIAL EQUATIONS
 DYNAMIC CHARACTERISTICS
 ERRORS
 FUNCTIONS (MATHEMATICS)
 INSTRUMENT ERRORS
 LINEARIZATION
 NONLINEARITY
 TOLERANCES (MECHANICS)
 VARIABILITY

LINEARIZATION

RT BERNOULLI THEOREM
 ∞ EQUATIONS
 GALERKIN METHOD
 LINEARITY
 SIMPLIFICATION

- LINEN**
GS FABRICS
 . LINEN
 FIBERS
 . LINEN
 TEXTILES
 . LINEN
RT ORGANIC MATERIALS
- LINERS**
USE LININGS
- ∞ LINES**
SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)*
RT DELAY LINES
 LINE SPECTRA
 LINES OF FORCE
 PIPELINES
 TERMINATOR LINES
 TETHERLINES
 TRANSMISSION LINES
 UNDERGROUND TRANSMISSION LINES
- LINES (GEOMETRY)**
GS GEOMETRY
 . EUCLIDEAN GEOMETRY
 . . LINES (GEOMETRY)
 . . . CHORDS (GEOMETRY)
 . . . GEODESIC LINES
RT RADII
 RECIPROCAL THEOREMS
 SEGMENTS
- LINES OF FORCE**
RT BARIUM ION CLOUDS
 CONJUGATE POINTS
 FLUX PINNING
 ∞ FORCE
 ∞ LINES
 MAGNETIC CIRCUITS
 MAGNETIC DOMAINS
 MAGNETIC FIELDS
 MAGNETIC FLUX
 MAGNETIC MIRRORS
 MAGNETIC PROPERTIES
 MAGNETOSTATIC FIELDS
 NONUNIFORM MAGNETIC FIELDS
- LING-TEMCO-VOUGHT AIRCRAFT**
UF LTV AIRCRAFT
GS LING-TEMCO-VOUGHT AIRCRAFT
 . A-7 AIRCRAFT
 . F-8 AIRCRAFT
 . XC-142 AIRCRAFT
RT ∞ AIRCRAFT
- LINGUISTICS**
GS LINGUISTICS
 . MACHINE TRANSLATION
 . PHONEMES
 . PHONEMICS
 . PSYCHOLINGUISTICS
 . SEMANTICS
 . SYNTAX
 . . SENTENCES
 . . . WORDS (LANGUAGE)
 SYLLABLES
RT LANGUAGES
 ORTHOGRAPHY
 SPEECH
- LINING PROCESSES**
RT COATING
 COATINGS
 INSULATION
 LININGS
 SEALING
 TUNNELING (EXCAVATION)
- LININGS**
UF LINERS
GS LININGS
 . ROCKET LININGS
RT BUSHINGS
 ∞ CASING
 COATINGS
 INSERTS
 INSULATION
 JACKETS
 LINING PROCESSES
 SHEATHS
 SHIELDING
 ∞ TUBES
- LINKAGES**
RT CAMS
 CONNECTORS
 COUPLING
 COUPLINGS
 ECCENTRICS
 FASTENERS
 FITTINGS
 JOINTS (JUNCTIONS)
 LATCHES
 ∞ LINKS
 MECHANICAL DEVICES
 UNIONS (CONNECTORS)
 YOKES
- LINKING**
USE JOINING
- ∞ LINKS**
SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)*
RT CHAINS
 LINKAGES
 LINKS (MATHEMATICS)
- LINKS (MATHEMATICS)**
GS GEOMETRY
 . TOPOLOGY
 . . LINKS (MATHEMATICS)
RT ∞ LINKS
- LIOUVILLE EQUATIONS**
GS ANALYSIS (MATHEMATICS)
 . REAL VARIABLES
 . . DIFFERENTIAL EQUATIONS
 . . . PARTIAL DIFFERENTIAL EQUATIONS
 LIOUVILLE EQUATIONS
RT PLASMA PHYSICS
 PLASMAS (PHYSICS)
 STATISTICAL MECHANICS
- LIOUVILLE THEOREM**
GS ANALYSIS (MATHEMATICS)
 . COMPLEX VARIABLES
 . . LIOUVILLE THEOREM
 THEOREMS
 . LIOUVILLE THEOREM
- LIP READING**
GS COMMUNICATING
 . LIP READING
 READING
 . LIP READING
- LIPID METABOLISM**
GS METABOLISM
 . PROTEIN METABOLISM
 . . LIPID METABOLISM
RT ∞ NUTRIENTS
 OILS
- LIPIDS**
GS LIPIDS
 . CASTOR OIL
 . IODOACETIC ACID
 . LIPOIC ACID
 . LIPOPROTEINS
 . OLEIC ACID
 . PROPIONIC ACID
 . SEBACIC ACID
 . VALERIC ACID
RT ESTERS
 GLYCEROLS
 MYELIN
 ∞ NUTRIENTS
- LIPOIC ACID**
GS ACIDS
 . FATTY ACIDS
 . . LIPOIC ACID
 ALIPHATIC COMPOUNDS
 . FATTY ACIDS
 . . LIPOIC ACID
 LIPIDS
 . LIPOIC ACID
 ORGANIC COMPOUNDS
 . FATTY ACIDS
 . . LIPOIC ACID
- LIPOPROTEINS**
GS LIPIDS
 . LIPOPROTEINS
 PROTEINS
- LIPOPROTEINS-(CONT.)**
 . LIPOPROTEINS
- LIPS (ANATOMY)**
RT FACE (ANATOMY)
 HEAD (ANATOMY)
- LIPSCHITZ CONDITION**
GS ANALYSIS (MATHEMATICS)
 . REAL VARIABLES
 . . LIPSCHITZ CONDITION
 CONDITIONS
 . LIPSCHITZ CONDITION
RT DIFFERENTIAL EQUATIONS
- LIQUEFACTION**
GS PHASE TRANSFORMATIONS
 . LIQUEFACTION
 . . COAL LIQUEFACTION
RT ∞ CONDENSATION
 ∞ CONVERSION
 JET CONDENSERS
 MELTING
 NONCONDENSABLE GASES
 THIXOTROPY
- LIQUEFIED GASES**
GS GASES
 . LIQUEFIED GASES
 . . LIQUEFIED NATURAL GAS
 . . . LIQUID AIR
 . . . LIQUID AMMONIA
 . . . LIQUID FLUORINE
 . . . LIQUID HELIUM
 LIQUID HELIUM 2
 . . . LIQUID HYDROGEN
 . . . LIQUID NEON
 . . . LIQUID NITROGEN
 . . . LIQUID OXYGEN
 LIQUIDS
 . LIQUEFIED GASES
 . . LIQUID AMMONIA
 . . LIQUID HELIUM
 . . LIQUID HYDROGEN
 . . LIQUID NEON
 . . LIQUID NITROGEN
 . . LIQUID OXYGEN
RT CONDENSATES
 CONDENSERS (LIQUIFIERS)
 CRYOGENIC ROCKET PROPELLANTS
 CRYOGENICS
 GAS MIXTURES
 LIQUID ROCKET PROPELLANTS
 SOLID CRYOGEN COOLING
- LIQUEFIED NATURAL GAS**
UF LNG
GS FUELS
 . LIQUEFIED NATURAL GAS
 GASES
 . FLAMMABLE GASES
 . . LIQUEFIED NATURAL GAS
 . LIQUEFIED GASES
 . . LIQUEFIED NATURAL GAS
 . NATURAL GAS
 . . LIQUEFIED NATURAL GAS
 HYDROCARBONS
 . NATURAL GAS
 . . LIQUEFIED NATURAL GAS
RT HYDROCARBON FUELS
 METHANE
- LIQUID AIR**
GS GASES
 . AIR
 . . LIQUID AIR
 . GAS MIXTURES
 . . LIQUID AIR
 . LIQUEFIED GASES
 . . LIQUID AIR
- LIQUID AIR CYCLE ENGINES**
UF LACE (ENGINE)
GS ENGINES
 . ROCKET ENGINES
 . . LIQUID PROPELLANT ROCKET
 ENGINES
 . . . LIQUID AIR CYCLE ENGINES
RT AEROSPACEPLANES
 ASTROPLANE
 HYDROGEN OXYGEN ENGINES
 SUSTAINER ROCKET ENGINES
 TURBOROCKET ENGINES

LIQUID ALLOYS

LIQUID ALLOYS
GS ALLOYS
RT METALS

LIQUID AMMONIA
GS GASES
LIQUEFIED GASES
LIQUID AMMONIA
INORGANIC COMPOUNDS
AMMONIA
LIQUID AMMONIA
LIQUIDS
LIQUEFIED GASES
LIQUID AMMONIA
NITROGEN COMPOUNDS
AMMONIA
LIQUID AMMONIA
RT FUELS

LIQUID ATOMIZATION
GS ATOMIZING
LIQUID ATOMIZATION
RT GAS ATOMIZATION
SPRAYING

LIQUID BEARINGS
GS BEARINGS
LIQUID BEARINGS
RT LUBRICATION

LIQUID BREATHING
GS RESPIRATION
LIQUID BREATHING
RT ACCLIMATIZATION
PRESSURE BREATHING
RESUSCITATION

LIQUID CHROMATOGRAPHY
GS CHROMATOGRAPHY
LIQUID CHROMATOGRAPHY
RT CHEMICAL ANALYSIS
CHEMICAL TESTS
COLORIMETRY
PAPER CHROMATOGRAPHY
SORPTION

LIQUID COOLED REACTORS
GS NUCLEAR REACTORS
LIQUID COOLED REACTORS
LIQUID METAL COOLED REACTORS
ADVANCED SODIUM COOLED REACTOR
EXPERIMENTAL BREEDER REACTOR 1
EXPERIMENTAL BREEDER REACTOR 2
LITHIUM COOLED REACTOR EXPERIMENT
LOS ALAMOS MOLTEN PLUTONIUM REACTOR
MILITARY COMPACT REACTORS
SODIUM GRAPHITE REACTORS
SODIUM REACTOR EXPERIMENT
ORGANIC COOLED REACTORS
EXPERIMENTAL ORGANIC COOLED REACTORS
WATER COOLED REACTORS
BOILING WATER REACTORS
BORAX 5 REACTOR
EXPERIMENTAL BOILING WATER REACTORS
HALDEN BOILING WATER REACTOR
LOS ALAMOS WATER BOILER REACTOR
PATHFINDER NUCLEAR REACTOR
SENN REACTOR
SPERT REACTORS
ZERO POWER REACTOR 7
HEAVY WATER REACTORS
HEAVY WATER COMPONENTS TEST REACTORS
PLUTONIUM RECYCLE TEST REACTOR
ZERO POWER REACTOR 2
LIGHT WATER REACTORS
NRX REACTORS
PLUM BROOK REACTOR
PRESSURIZED WATER REACTORS
SPECTRAL SHIFT CONTROL REACTOR
SWIMMING POOL REACTORS
ZERO POWER REACTORS
ZERO POWER REACTOR 2

LIQUID COOLED REACTORS-(CONT.)
ZERO POWER REACTOR 3
ZERO POWER REACTOR 6
ZERO POWER REACTOR 7
ZERO POWER REACTOR 9
RT SODIUM COOLING

LIQUID COOLING
SN (COOLING WITH LIQUIDS)
UF WATER COOLING
GS COOLING
LIQUID COOLING
FILM COOLING
RT AIR COOLING
COOLANTS
COOLING SYSTEMS
SODIUM COOLING
SPACE COOLING (BUILDINGS)
SWEAT COOLING
THERMAL POLLUTION
WATER IMMERSION

LIQUID CRYSTALS
GS CRYSTALS
LIQUID CRYSTALS
RT ANISOTROPIC FLUIDS
CHOLESTEROL

LIQUID DROPS
USE DROPS (LIQUIDS)

LIQUID FILLED SHELLS
GS SHELLS (STRUCTURAL FORMS)
FLUID FILLED SHELLS
LIQUID FILLED SHELLS
RT HYDRODYNAMIC RAM EFFECT
PROPELLANT TANKS
REINFORCED SHELLS
SHELL STABILITY
STORAGE
TANKS (CONTAINERS)
VESSELS

LIQUID FLOW
GS FLUID FLOW
LIQUID FLOW
OPEN CHANNEL FLOW
WATER FLOW
RT CRITICAL FLOW
GAS FLOW
HEAD (FLUID MECHANICS)
HEAD FLOW
HYDRODYNAMIC COEFFICIENTS
LAMINAR FLOW
MASS FLOW
MULTIPHASE FLOW
NONNEWTONIAN FLOW
ORIFICE FLOW
PIPE FLOW
PRESSURE GRADIENTS
PRESSURE HEADS
RHEOLOGY
SINGLE-PHASE FLOW
SORET COEFFICIENT
STEADY FLOW
SUBCRITICAL FLOW
SUPERCRITICAL FLOW
TURBULENT FLOW
TWO PHASE FLOW
UNIFORM FLOW
UNSTEADY FLOW

LIQUID FLUORINE
GS GASES
LIQUEFIED GASES
LIQUID FLUORINE

LIQUID FUELS
GS FUEL PRODUCTION
LIQUID FUELS
FUELS
CHEMICAL FUELS
AEROZINE
LIQUID FUELS
AIRCRAFT FUELS
LIQUID FUELS
AUTOMOBILE FUELS
LIQUID FUELS
HYDROCARBON FUELS
DIESEL FUELS
LIQUID FUELS
GASOLINE
LIQUID FUELS
JET ENGINE FUELS
LIQUID FUELS

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LIQUID FUELS-(CONT.)
RP-1 ROCKET PROPELLANTS
LIQUID FUELS
HYDROGEN FUELS
LIQUID FUELS
SLURRY PROPELLANTS
LIQUID FUELS
SYNTHETIC FUELS
LIQUID FUELS
GASEOUS FUELS
LIQUID FUELS
KEROSENE
LIQUID FUELS
LIQUID ROCKET PROPELLANTS
CRYOGENIC ROCKET PROPELLANTS
LIQUID FUELS
GELLED ROCKET PROPELLANTS
LIQUID FUELS
HYPERGOLIC ROCKET PROPELLANTS
LIQUID FUELS
MONOPROPELLANTS
AEROZINE
LIQUID FUELS
RP-1 ROCKET PROPELLANTS
LIQUID FUELS
SLURRY PROPELLANTS
LIQUID FUELS
SOLID ROCKET PROPELLANTS
LIQUID FUELS
LIQUIDS
LIQUID ROCKET PROPELLANTS
CRYOGENIC ROCKET PROPELLANTS
LIQUID FUELS
GELLED ROCKET PROPELLANTS
LIQUID FUELS
HYPERGOLIC ROCKET PROPELLANTS
LIQUID FUELS
MONOPROPELLANTS
AEROZINE
LIQUID FUELS
RP-1 ROCKET PROPELLANTS
LIQUID FUELS
SLURRY PROPELLANTS
LIQUID FUELS

LIQUID HELIUM
UF HELIUM 2
GS CHEMICAL ELEMENTS
RARE GASES
HELIUM
LIQUID HELIUM
LIQUID HELIUM 2
GASES
LIQUEFIED GASES
LIQUID HELIUM
LIQUID HELIUM 2
RARE GASES
HELIUM
LIQUID HELIUM
LIQUID HELIUM 2
LIQUIDS
CRYOGENIC FLUIDS
LIQUID HELIUM
LIQUEFIED GASES
LIQUID HELIUM
RT CRYOSTATS
SUPERFLUIDITY
TWO FLUID MODELS

LIQUID HELIUM 2
GS CHEMICAL ELEMENTS
RARE GASES
HELIUM
LIQUID HELIUM
LIQUID HELIUM 2
GASES
LIQUEFIED GASES
LIQUID HELIUM
LIQUID HELIUM 2
RARE GASES
HELIUM
LIQUID HELIUM
LIQUID HELIUM 2
RT CRYOSTATS
SUPERFLUIDITY

LIQUID HYDROGEN
GS CHEMICAL ELEMENTS
HYDROGEN
LIQUID HYDROGEN
GASES
HYDROGEN
LIQUID HYDROGEN
LIQUEFIED GASES
LIQUID HYDROGEN

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LIQUID HYDROGEN-(CONT.)

LIQUIDS
 . CRYOGENIC FLUIDS
 . . . **LIQUID HYDROGEN**
 . . . LIQUEFIED GASES
 . . . **LIQUID HYDROGEN**
 RT CRYOGENIC ROCKET PROPELLANTS
 FUELS
 HYDROGEN FUELS
 HYDROGEN-BASED ENERGY

LIQUID INJECTION

GS INJECTION
 . FLUID INJECTION
 . . . **LIQUID INJECTION**
 . . . DEEP WELL INJECTION (WASTES)
 . . . WATER INJECTION
 RT FILM COOLING
 FUEL INJECTION
 FUEL SPRAYS
 MIXING
 PROPELLANT SPRAYS
 THRUST VECTOR CONTROL

LIQUID LASERS

GS STIMULATED EMISSION DEVICES
 . LASERS
 . . . **LIQUID LASERS**
 RT CARBON LASERS
 CHEMICAL LASERS
 DYE LASERS
 INFRARED LASERS
 ORGANIC LASERS

LIQUID LEVELS

GS LEVEL (HORIZONTAL)
 . . . **LIQUID LEVELS**
 RT FLUID BOUNDARIES

LIQUID LITHIUM

GS CHEMICAL ELEMENTS
 . ALKALI METALS
 . . LITHIUM
 . . . **LIQUID LITHIUM**
 LIQUIDS
 . LIQUID METALS
 . . **LIQUID LITHIUM**
 METALS
 . ALKALI METALS
 . . LITHIUM
 . . . **LIQUID LITHIUM**
 . LIQUID METALS
 . . **LIQUID LITHIUM**

LIQUID MERCURY

USE MERCURY (METAL)

LIQUID METAL COOLED REACTORS

UF LMCR (REACTORS)
 GS NUCLEAR REACTORS
 . LIQUID COOLED REACTORS
 . . . **LIQUID METAL COOLED REACTORS**
 . . . ADVANCED SODIUM COOLED
 REACTOR
 . . . EXPERIMENTAL BREEDER
 REACTOR 1
 . . . EXPERIMENTAL BREEDER
 REACTOR 2
 . . . LITHIUM COOLED REACTOR
 EXPERIMENT
 . . . LOS ALAMOS MOLten PLUTONIUM
 REACTOR
 . . . MILITARY COMPACT REACTORS
 . . . SODIUM GRAPHITE REACTORS
 . . . SODIUM REACTOR EXPERIMENT
 RT ENRICO FERMI ATOMIC POWER PLANT
 SODIUM
 SODIUM REACTOR EXPERIMENT

LIQUID METAL FAST BREEDER REACTORS

UF LMFBR
 GS NUCLEAR REACTORS
 . BREEDER REACTORS
 . . . **LIQUID METAL FAST BREEDER
 REACTORS**
 . FAST NUCLEAR REACTORS
 . . . **LIQUID METAL FAST BREEDER
 REACTORS**
 RT NUCLEAR POWER REACTORS

LIQUID METALS

GS LIQUIDS
 . **LIQUID METALS**
 . . LIQUID LITHIUM
 . . LIQUID POTASSIUM

LIQUID METALS-(CONT.)

. . LIQUID SODIUM
 . . . MERCURY (METAL)
 . . . MERCURY VAPOR
 METALS
 . **LIQUID METALS**
 . . LIQUID LITHIUM
 . . LIQUID POTASSIUM
 . . LIQUID SODIUM
 . . . MERCURY (METAL)
 . . . MERCURY VAPOR

RT CASTING
 LUBRICANTS
 MELTING
 METAL VAPORS

LIQUID NEON

GS CHEMICAL ELEMENTS
 . RARE GASES
 . . NEON
 . . . **LIQUID NEON**
 GASES
 . LIQUEFIED GASES
 . . **LIQUID NEON**
 . RARE GASES
 . . NEON
 . . . **LIQUID NEON**
 LIQUIDS
 . LIQUEFIED GASES
 . . **LIQUID NEON**

LIQUID NITROGEN

GS CHEMICAL ELEMENTS
 . NITROGEN
 . . **LIQUID NITROGEN**
 GASES
 . LIQUEFIED GASES
 . . **LIQUID NITROGEN**
 . NITROGEN
 . . **LIQUID NITROGEN**
 LIQUIDS
 . CRYOGENIC FLUIDS
 . . **LIQUID NITROGEN**
 . LIQUEFIED GASES
 . . **LIQUID NITROGEN**
 RT SOLID CRYOGENS

LIQUID OXIDIZERS

GS LIQUIDS
 . **LIQUID OXIDIZERS**
 OXIDIZERS
 . **LIQUID OXIDIZERS**
 RT ROCKET OXIDIZERS

LIQUID OXYGEN

UF LOX (OXYGEN)
 GS GASES
 . LIQUEFIED GASES
 . . **LIQUID OXYGEN**
 . OXYGEN
 . . **LIQUID OXYGEN**
 LIQUIDS
 . CRYOGENIC FLUIDS
 . . **LIQUID OXYGEN**
 . LIQUEFIED GASES
 . . **LIQUID OXYGEN**
 OXIDIZERS
 . **LIQUID OXYGEN**
 RT CRYOGENIC ROCKET PROPELLANTS
 FLOX
 ROCKET OXIDIZERS

LIQUID PHASE EPITAXY

GS GROWTH
 . CRYSTAL GROWTH
 . . EPITAXY
 . . . **LIQUID PHASE EPITAXY**
 RT CRYSTAL STRUCTURE
 LIQUID PHASES
 VAPOR PHASE EPITAXY

LIQUID PHASES

RT ALLOYS
 CRITICAL PRESSURE
 ELECTROEPITAXY
 EUTECTICS
 LIQUID PHASE EPITAXY
 LIQUIDS
 LIQUIDUS
 MELTING POINTS
 PHASE DIAGRAMS
 ∞ PHASES
 SOLID PHASES
 SOLID SOLUTIONS
 SOLIDUS

LIQUID PROPELLANT ROCKET ENGINES

LIQUID PHASES-(CONT.)

SOLUBILITY
 SUPERCRITICAL PRESSURES
 SYNTECTIC ALLOYS
 TRANSITION TEMPERATURE
 VAPOR PHASE EPITAXY
 VAPOR PHASES

LIQUID POTASSIUM

GS CHEMICAL ELEMENTS
 . ALKALI METALS
 . . POTASSIUM
 . . . **LIQUID POTASSIUM**
 LIQUIDS
 . LIQUID METALS
 . . **LIQUID POTASSIUM**
 METALS
 . ALKALI METALS
 . . POTASSIUM
 . . . **LIQUID POTASSIUM**
 . LIQUID METALS
 . . **LIQUID POTASSIUM**

LIQUID PROPELLANT ROCKET ENGINES

GS ENGINES
 . ROCKET ENGINES
 . . **LIQUID PROPELLANT ROCKET
 ENGINES**
 . . . AJ-10 ENGINE
 . . . BRISTOL-SIDDELEY MK 301 ENGINE
 . . . F-1 ROCKET ENGINE
 . . . H-1 ENGINE
 . . . HYDRAZINE ENGINES
 . . . HYDROGEN OXYGEN ENGINES
 . . . J-2 ENGINE
 . . . M-1 ENGINE
 . . . RL-10-A-1 ENGINE
 . . . RL-10-A-3 ENGINE
 . . . LIQUID AIR CYCLE ENGINES
 . . . LR-59-AJ-13 ENGINE
 . . . LR-62 ENGINE
 . . . LR-62-RM-2 ENGINE
 . . . LR-87-AJ-3 ENGINE
 . . . LR-87-AJ-5 ENGINE
 . . . LR-91-AJ-3 ENGINE
 . . . LR-91-AJ-5 ENGINE
 . . . LR-99 ENGINE
 . . . MA-2 ENGINE
 . . . MA-3 ENGINE
 . . . MA-5 ENGINE
 . . . RL-10 ENGINES
 . . . RL-10-A-1 ENGINE
 . . . RL-10-A-3 ENGINE
 . . . SPACE SHUTTLE MAIN ENGINE
 . . . X-405 ENGINE
 . . . XLR-58 ENGINE
 . . . XLR-81-BA-13 ENGINE
 . . . XLR-99 ENGINE
 . . . YLR-91-AJ-1 ENGINE
 . . . YLR-115 ENGINE
 RT ABLESTAR LAUNCH VEHICLE
 ATLAS SLV-3 LAUNCH VEHICLE
 BLACK KNIGHT ROCKET VEHICLE
 BLUE STEEL MISSILE
 BLUE STREAK LAUNCH VEHICLE
 BLUE STREAK MISSILE
 BOMARC A MISSILE
 BOMARC B MISSILE
 BOOSTER ROCKET ENGINES
 CENTAUR LAUNCH VEHICLE
 CORPORAL MISSILE
 CORVUS MISSILE
 DIAMANT LAUNCH VEHICLE
 DORNIER PARAGLIDER ROCKET
 VEHICLE
 DUCTED ROCKET ENGINES
 HYBRID PROPELLANT ROCKET ENGINES
 HYLA-STAR ROCKET VEHICLE
 INTERNAL COMBUSTION ENGINES
 JUNO LAUNCH VEHICLES
 JUNO 1 LAUNCH VEHICLE
 JUNO 2 LAUNCH VEHICLE
 JUNO 5 LAUNCH VEHICLE
 JUPITER C ROCKET VEHICLE
 JUPITER MISSILE
 LANCE MISSILE
 METEOR 1 ROCKET VEHICLE
 NAVAHO MISSILE
 NIKE-AJAX MISSILE
 NOMAD LAUNCH VEHICLE
 NOVA LAUNCH VEHICLES
 PROPELLANT TANKS
 RESTARTABLE ROCKET ENGINES
 RETROCKET ENGINES
 SATURN S-1 STAGE

LIQUID ROCKET PROPELLANTS

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LIQUID PROPELLANT ROCKET ENGINES-(CONT.)

SATURN S-1B STAGE
 SATURN S-1C STAGE
 SATURN S-2 STAGE
 SATURN S-4 STAGE
 SATURN S-4B STAGE
 SATURN STAGES
 SOLID PROPELLANT ROCKET ENGINES
 SPARROW 3 MISSILE
 SUSTAINER ROCKET ENGINES
 TALOS MISSILE
 THOR ABLE ROCKET VEHICLE
 THOR AGENA LAUNCH VEHICLE
 THOR DELTA LAUNCH VEHICLE
 THOR LAUNCH VEHICLES
 THORAD LAUNCH VEHICLES
 TITAN ICBM
 TITAN LAUNCH VEHICLES
 V-1 MISSILE
 V-2 MISSILE
 VANGUARD 2 LAUNCH VEHICLE
 VEGA LAUNCH VEHICLE
 VERNIER ENGINES
 VERONIQUE ROCKET VEHICLES
 VIKING ROCKET VEHICLE
 WHITE LANCE MISSILE

LIQUID ROCKET PROPELLANTS

UF BIPROPELLANTS
 TRIPROPELLANTS
 GS FUELS
 . LIQUID ROCKET PROPELLANTS
 . CRYOGENIC ROCKET PROPELLANTS
 . . LIQUID FUELS
 . GELLED ROCKET PROPELLANTS
 . . LIQUID FUELS
 . HYPERGOLIC ROCKET PROPELLANTS
 . . LIQUID FUELS
 . MONOPROPELLANTS
 . . AEROZINE
 . . . LIQUID FUELS
 . RP-1 ROCKET PROPELLANTS
 . . LIQUID FUELS
 . SLURRY PROPELLANTS
 . . LIQUID FUELS
 LIQUIDS
 . LIQUID ROCKET PROPELLANTS
 . CRYOGENIC ROCKET PROPELLANTS
 . . LIQUID FUELS
 . GELLED ROCKET PROPELLANTS
 . . LIQUID FUELS
 . HYPERGOLIC ROCKET PROPELLANTS
 . . LIQUID FUELS
 . MONOPROPELLANTS
 . . AEROZINE
 . . . LIQUID FUELS
 . RP-1 ROCKET PROPELLANTS
 . . LIQUID FUELS
 . SLURRY PROPELLANTS
 . . LIQUID FUELS
 PROPELLANTS
 . ROCKET PROPELLANTS
 . LIQUID ROCKET PROPELLANTS
 . CRYOGENIC ROCKET PROPELLANTS
 . GELLED ROCKET PROPELLANTS
 . HYPERGOLIC ROCKET PROPELLANTS
 . MONOPROPELLANTS
 . . AEROZINE
 . . . LIQUID FUELS
 . RP-1 ROCKET PROPELLANTS
 . . SLURRY PROPELLANTS
 RT AIRCRAFT FUELS
 CHLORINE FLUORIDES
 FUEL TANK PRESSURIZATION
 GASEOUS ROCKET PROPELLANTS
 HIGH ENERGY PROPELLANTS
 HYBRID PROPELLANTS
 HYDRAZINES
 HYDROGEN FUELS
 LIQUEFIED GASES
 NITROGEN TETROXIDE
 PROPELLANT SPRAYS
 SOLID ROCKET PROPELLANTS
 STORABLE PROPELLANTS

LIQUID ROTATION

USE ROTATING LIQUIDS

LIQUID SLOSHING

UF SLOSHING
 RT AERODYNAMIC STABILITY
 AIRCRAFT STABILITY
 BAFFLES
 CONTROLLABILITY
 FUEL CONTROL

LIQUID SLOSHING-(CONT.)

FUEL TANKS
 INTERFACE STABILITY
 PROPELLANT TANKS
 PROPELLANT TRANSFER
 ROTATING FLUIDS
 SPACECRAFT STABILITY
 STORAGE STABILITY
 TANK GEOMETRY
 ULLAGE

LIQUID SODIUM

GS CHEMICAL ELEMENTS
 . ALKALI METALS
 . . SODIUM
 . . . LIQUID SODIUM
 LIQUIDS
 . LIQUID METALS
 . . LIQUID SODIUM
 METALS
 . ALKALI METALS
 . . SODIUM
 . . . LIQUID SODIUM
 . LIQUID METALS
 . . LIQUID SODIUM

LIQUID SURFACES

GS LIQUID SURFACES
 . MENISCI
 RT FLUID BOUNDARIES
 FREE BOUNDARIES
 INTERFACIAL TENSION
 JET BOUNDARIES
 SOLID SURFACES
 SURFACE WAVES
 ∞ SURFACES

LIQUID WASTES

GS WASTES
 . LIQUID WASTES
 . . URINE
 . . WASTE WATER
 RT DRAINAGE
 EFFLUENTS
 HUMAN WASTES
 INDUSTRIAL WASTES
 METABOLIC WASTES
 PONDS
 SEWAGE
 SLUDGE
 SOLID WASTES

LIQUID-GAS MIXTURES

GS MIXTURES
 . DISPERSIONS
 . . LIQUID-GAS MIXTURES
 . . . AEROSOLS
 FOG
 RT AIR WATER INTERACTIONS
 BINARY MIXTURES
 GAS MIXTURES
 MENISCI
 SOLUBILITY
 VAPOR PHASES
 VAPOR PRESSURE

LIQUID-LIQUID INTERFACES

GS BOUNDARIES
 . FLUID BOUNDARIES
 . . LIQUID-LIQUID INTERFACES
 INTERFACES
 . FLUID BOUNDARIES
 . . LIQUID-LIQUID INTERFACES
 RT BOUNDARY LAYERS
 FREE BOUNDARIES
 HEAT TRANSFER
 INTERFACE STABILITY
 INTERFACIAL ENERGY
 INTERFACIAL TENSION
 PRESSURE GRADIENTS
 SOLUBILITY

LIQUID-SOLID INTERFACES

GS BOUNDARIES
 . FLUID BOUNDARIES
 . . LIQUID-SOLID INTERFACES
 INTERFACES
 . FLUID BOUNDARIES
 . . LIQUID-SOLID INTERFACES
 RT BOUNDARY LAYERS
 FLUID FILMS
 ∞ FUSION
 HEAT TRANSFER
 INTERFACE STABILITY
 MELTING

LIQUID-SOLID INTERFACES-(CONT.)

MENISCI
 METAL SURFACES
 PHASE CHANGE MATERIALS
 SOLID PHASES
 SOLID-SOLID INTERFACES
 SQUEEZE FILMS

LIQUID-VAPOR EQUILIBRIUM

UF VAPOR LIQUID EQUILIBRIUM
 RT ∞ EQUILIBRIUM
 THERMODYNAMIC EQUILIBRIUM
 VAPORS

LIQUID-VAPOR INTERFACES

GS BOUNDARIES
 . FLUID BOUNDARIES
 . . LIQUID-VAPOR INTERFACES
 INTERFACES
 . FLUID BOUNDARIES
 . . LIQUID-VAPOR INTERFACES
 RT AIR WATER INTERACTIONS
 EVAPORATION
 FREE BOUNDARIES
 HEAT TRANSFER
 INTERFACE STABILITY
 MENISCI
 PRESSURE GRADIENTS
 SOLUBILITY
 VAPOR PHASES
 VAPOR PRESSURE

LIQUIDS

GS LIQUIDS
 . CRYOGENIC FLUIDS
 . . FERMI LIQUIDS
 . . FLOX
 . . LIQUID HELIUM
 . . LIQUID HYDROGEN
 . . LIQUID NITROGEN
 . . LIQUID OXYGEN
 . FERROFLUIDS
 . HYDRAULIC FLUIDS
 . . SKYDROL (TRADEMARK)
 . JUICES
 . LIQUEFIED GASES
 . . LIQUID AMMONIA
 . . LIQUID HELIUM
 . . LIQUID HYDROGEN
 . . LIQUID NEON
 . . LIQUID NITROGEN
 . . LIQUID OXYGEN
 . LIQUID METALS
 . . LIQUID LITHIUM
 . . LIQUID POTASSIUM
 . . LIQUID SODIUM
 . . MERCURY (METAL)
 . . MERCURY VAPOR
 . LIQUID OXIDIZERS
 . LIQUID ROCKET PROPELLANTS
 . CRYOGENIC ROCKET PROPELLANTS
 . . LIQUID FUELS
 . GELLED ROCKET PROPELLANTS
 . . LIQUID FUELS
 . HYPERGOLIC ROCKET PROPELLANTS
 . . LIQUID FUELS
 . MONOPROPELLANTS
 . . AEROZINE
 . . . LIQUID FUELS
 . RP-1 ROCKET PROPELLANTS
 . . LIQUID FUELS
 . SLURRY PROPELLANTS
 . . LIQUID FUELS
 . ORGANIC LIQUIDS
 . . POTABLE LIQUIDS
 . . BEVERAGES
 . . WINES
 . . ROTATING LIQUIDS
 RT ∞ FLUIDS
 GLOBULES
 GLYCEROLS
 LIQUID PHASES
 NONPOINT SOURCES
 PHASE DIAGRAMS
 VAPOR PHASES
 WATER

LIQUIDUS

RT CRYSTALLIZATION
 LIQUID PHASES
 MELTING POINTS
 PHASE DIAGRAMS
 SOLID PHASES
 SOLID SOLUTIONS
 SOLIDUS

NASA THESAURUS (VOLUME 1)

LIRTS (TELESCOPE)

- UF LARGE INFRARED TELESCOPE ON
SPACELAB
- GS TELESCOPES
... SPACEBORNE TELESCOPES
... **LIRTS (TELESCOPE)**
- RT EUROPEAN SPACE AGENCY
PAYLOADS
SPACE SHUTTLES
SPACELAB

LISP (PROGRAMMING LANGUAGE)

- GS LANGUAGES
... PROGRAMMING LANGUAGES
... **LISP (PROGRAMMING LANGUAGE)**
- RT COMPUTER PROGRAMMING
RECURSIVE FUNCTIONS

LISSAJOUS FIGURES

- RT ECCENTRIC ORBITS
EQUATIONS OF MOTION
LIBRATION
LUNAR ORBITS
SATELLITE ORBITS

LISTS

- GS **LISTS**
... HARDWARE UTILIZATION LISTS
- RT ∞ CATALOGS
DISPLAY DEVICES
ENUMERATION
INDEXES (DOCUMENTATION)
PRINTOUTS

LITERATURE

- GS **LITERATURE**
... BIOGRAPHY
... DOCUMENTATION
... PROCEEDINGS
- RT BIBLIOGRAPHIES
DOCUMENTS
INDEXES (DOCUMENTATION)
KNOWLEDGE
LIBRARIES
PAPERS
PHILOSOPHY

LITHERGOL ROCKET ENGINES

- GS ENGINES
... ROCKET ENGINES
... HYBRID PROPELLANT ROCKET
ENGINES
... **LITHERGOL ROCKET ENGINES**

LITHERGOLIC PROPELLANTS

- USE HYBRID PROPELLANTS

LITHIASIS

- GS DISEASES
... **LITHIASIS**
- RT CALCULI
DENTAL CALCULI

LITHIUM

- GS CHEMICAL ELEMENTS
... ALKALI METALS
... **LITHIUM**
... LIQUID LITHIUM
... LITHIUM ISOTOPES
METALS
... ALKALI METALS
... **LITHIUM**
... LIQUID LITHIUM
... LITHIUM ISOTOPES

LITHIUM ALLOYS

- GS ALLOYS
... **LITHIUM ALLOYS**

LITHIUM ALUMINUM HYDRIDES

- GS ALUMINUM COMPOUNDS
... **LITHIUM ALUMINUM HYDRIDES**
HYDROGEN COMPOUNDS
... HYDRIDES
... METAL HYDRIDES
... LITHIUM HYDRIDES
... **LITHIUM ALUMINUM HYDRIDES**
LITHIUM COMPOUNDS
... **LITHIUM ALUMINUM HYDRIDES**
- RT POWDERED ALUMINUM

LITHIUM BORATES

- GS BORON COMPOUNDS
... BORATES

LITHIUM BORATES-(CONT.)

- ... **LITHIUM BORATES**
LITHIUM COMPOUNDS
... **LITHIUM BORATES**

LITHIUM CHLORIDES

- GS HALOGEN COMPOUNDS
... CHLORINE COMPOUNDS
... CHLORIDES
... **LITHIUM CHLORIDES**
... HALIDES
... CHLORIDES
... **LITHIUM CHLORIDES**
... METAL HALIDES
... **LITHIUM CHLORIDES**
LITHIUM COMPOUNDS
... **LITHIUM CHLORIDES**

LITHIUM COMPOUNDS

- GS **LITHIUM COMPOUNDS**
... LITHIUM ALUMINUM HYDRIDES
... LITHIUM BORATES
... LITHIUM CHLORIDES
... LITHIUM FLUORIDES
... LITHIUM HYDRIDES
... LITHIUM HYDROXIDES
... LITHIUM IODATES
... LITHIUM NIOBATES
... LITHIUM OXIDES
... LITHIUM PERCHLORATES
... LITHIUM SULFATES
... ORGANIC LITHIUM COMPOUNDS
... SPODUMENE
- RT ∞ ALKALI METAL COMPOUNDS
∞ METAL COMPOUNDS
METAL FUELS

LITHIUM COOLED REACTOR EXPERIMENT

- UF LCRC REACTOR
- GS NUCLEAR REACTORS
... LIQUID COOLED REACTORS
... LIQUID METAL COOLED REACTORS
... **LITHIUM COOLED REACTOR
EXPERIMENT**

LITHIUM FLUORIDES

- GS HALOGEN COMPOUNDS
... FLUORINE COMPOUNDS
... FLUORIDES
... METAL FLUORIDES
... **LITHIUM FLUORIDES**
... HALIDES
... METAL HALIDES
... **LITHIUM FLUORIDES**
LITHIUM COMPOUNDS
... **LITHIUM FLUORIDES**

LITHIUM HYDRIDES

- GS HYDROGEN COMPOUNDS
... HYDRIDES
... METAL HYDRIDES
... **LITHIUM HYDRIDES**
... LITHIUM ALUMINUM HYDRIDES
LITHIUM COMPOUNDS
... **LITHIUM HYDRIDES**

LITHIUM HYDROXIDES

- GS ALKALIES
... **LITHIUM HYDROXIDES**
HYDROXIDES
... **LITHIUM HYDROXIDES**
LITHIUM COMPOUNDS
... **LITHIUM HYDROXIDES**

LITHIUM IODATES

- GS HALOGEN COMPOUNDS
... IODINE COMPOUNDS
... IODATES
... **LITHIUM IODATES**
LITHIUM COMPOUNDS
... **LITHIUM IODATES**
- RT ∞ METAL COMPOUNDS

LITHIUM ISOTOPES

- UF LITHIUM 4
LITHIUM 6
- GS CHEMICAL ELEMENTS
... ALKALI METALS
... LITHIUM
... **LITHIUM ISOTOPES**
... NUCLIDES
... ISOTOPES
... **LITHIUM ISOTOPES**
METALS
... ALKALI METALS

LITTLE JOHN ROCKET VEHICLE

LITHIUM ISOTOPES-(CONT.)

- ... LITHIUM
... **LITHIUM ISOTOPES**

LITHIUM NIOBATES

- GS LITHIUM COMPOUNDS
... **LITHIUM NIOBATES**

LITHIUM OXIDES

- GS CHALCOGENIDES
... OXIDES
... METAL OXIDES
... **LITHIUM OXIDES**
LITHIUM COMPOUNDS
... **LITHIUM OXIDES**

LITHIUM PERCHLORATES

- GS HALOGEN COMPOUNDS
... CHLORINE COMPOUNDS
... PERCHLORATES
... **LITHIUM PERCHLORATES**
LITHIUM COMPOUNDS
... **LITHIUM PERCHLORATES**

LITHIUM SULFATES

- GS LITHIUM COMPOUNDS
... **LITHIUM SULFATES**
SULFUR COMPOUNDS
... SULFATES
... **LITHIUM SULFATES**

LITHIUM SULFUR BATTERIES

- GS ELECTROCHEMICAL CELLS
... **LITHIUM SULFUR BATTERIES**
- RT ∞ CELLS
∞ ELECTRIC CELLS
∞ ENERGY SOURCES
∞ POWER SUPPLIES

LITHIUM 4

- USE LITHIUM ISOTOPES

LITHIUM 6

- USE LITHIUM ISOTOPES

LITHOGRAPHY

- GS PRINTING
... **LITHOGRAPHY**
... PHOTOLITHOGRAPHY
- RT PHOTOMECHANICAL EFFECT
REPRODUCTION (COPYING)

LITHOLOGY

- GS GEOLOGY
... **LITHOLOGY**
- RT REGOLITH
ROCKS

LITHOSPHERE

- GS **LITHOSPHERE**
... EARTH CORE
... EARTH CRUST
... EARTH MANTLE
... EARTH SURFACE
- RT EARTH PLANETARY STRUCTURE
PLANETARY MANTLES
PLATES (TECTONICS)

LITHUANIA

- RT EUROPE
NATIONS

LITTLE JOE 2 LAUNCH VEHICLE

- GS LAUNCH VEHICLES
... **LITTLE JOE 2 LAUNCH VEHICLE**
ROCKET VEHICLES
... MULTISTAGE ROCKET VEHICLES
... **LITTLE JOE 2 LAUNCH VEHICLE**
- RT ALGOL ENGINE
MERCURY PROJECT
SERGEANT MISSILES
SOLID PROPELLANT ROCKET ENGINES
TX-354 ENGINE
XM-33 ENGINE

LITTLE JOHN ROCKET VEHICLE

- GS ROCKET VEHICLES
... SINGLE STAGE ROCKET VEHICLES
... **LITTLE JOHN ROCKET VEHICLE**
... SURFACE TO SURFACE ROCKETS
... **LITTLE JOHN ROCKET VEHICLE**
- RT HERCULES ENGINE
SOLID PROPELLANT ROCKET ENGINES
X-235 ENGINE

LITTORAL CURRENTS

LITTORAL CURRENTS
USE COASTAL CURRENTS

LITTORAL DRIFT
RT BARS (LANDFORMS)
BEACHES
BREAKWATERS
COASTS
OCEAN CURRENTS
SANDS
SEDIMENTS

LITTORAL TRANSPORT
RT BREAKWATERS
OCEAN CURRENTS
SANDS
WATER WAVES
∞ WAVES

LIVER
GS ANATOMY
. ORGANS
. . LIVER
VISCERA
. ORGANS
. . LIVER
RT GASTROINTESTINAL SYSTEM
GLANDS (ANATOMY)
HEPATITIS

LIVERMORE POOL TYPE REACTOR
UF LPTR REACTOR
GS NUCLEAR REACTORS
. NUCLEAR RESEARCH AND TEST
REACTORS
. . LIVERMORE POOL TYPE REACTOR

LIVESTOCK
GS ANIMALS
. LIVESTOCK
RT CALVES
CATTLE
DEER
GOATS
HORSES
RANGELANDS
SHEEP
SWINE
TURKEYS

LIXISCOPES
UF LOW INTENSITY X-RAY IMAGING SCOPE
GS MEDICAL EQUIPMENT
. X RAY APPARATUS
. . LIXISCOPES
RT PORTABLE EQUIPMENT
RADIOGRAPHY
X RAY ASTRONOMY
X RAY IMAGERY

LIZARDS
GS ANIMALS
. POIKILOthermia
. . REPTILES
. . . LIZARDS
. VERTEBRATES
. . REPTILES
. . . LIZARDS

LLANOS ORIENTALES (COLOMBIA)
GS LAND
. GRASSLANDS
. . LLANOS ORIENTALES (COLOMBIA)
. PLAINS
. . LLANOS ORIENTALES (COLOMBIA)
RT COLOMBIA

LMCR (REACTORS)
USE LIQUID METAL COOLED REACTORS

LMFBR
USE LIQUID METAL FAST BREEDER
REACTORS

LNG
USE LIQUEFIED NATURAL GAS

LOAD DISTRIBUTION (FORCES)
GS DISTRIBUTION (PROPERTY)
. LOAD DISTRIBUTION (FORCES)
RT ∞ DISTRIBUTION

LOAD FACTORS
USE LOADS (FORCES)

LOAD TESTING MACHINES
RT ∞ TEST EQUIPMENT

LOAD TESTS
RT COMPRESSION TESTS
CREEP TESTS
DESTRUCTIVE TESTS
FATIGUE TESTS
IMPACT TESTS
LOADING RATE
NONDESTRUCTIVE TESTS
SHOCK TESTS
SPECIMEN GEOMETRY
SPIN TESTS
STATIC TESTS
TENSILE TESTS
∞ TESTS

∞ LOADING
SN *(USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)*
UF DUMMY LOADS
RT FEEDING (SUPPLYING)
FILLING
INPUT
LOADING OPERATIONS
LOADS (FORCES)
PAYLOADS
REFILLING
REPLENISHMENT
SHAFTS (MACHINE ELEMENTS)
SWEEP EFFECT

LOADING FORCES
USE LOADS (FORCES)

LOADING MOMENTS
GS MOMENTS
. LOADING MOMENTS
RT AERODYNAMIC LOADS
BENDING MOMENTS
FLEXING
LOADS (FORCES)
MASS DISTRIBUTION
MOMENT DISTRIBUTION
PRESSURE DISTRIBUTION
STATIC LOADS
STRUCTURAL ANALYSIS
TORQUE

LOADING OPERATIONS
RT FEEDERS
∞ LOADING
MATERIALS HANDLING
∞ OPERATIONS
UNLOADING

LOADING RATE
GS RATES (PER TIME)
. LOADING RATE
RT IMPACT LOADS
LOAD TESTS
LOADS (FORCES)
STRAIN RATE
VELOCITY

LOADING WAVES
USE ELASTIC WAVES
LOADS (FORCES)

LOADS (FORCES)
UF LOAD FACTORS
LOADING FORCES
LOADING WAVES
GS **LOADS (FORCES)**
. AXIAL LOADS
. . AXIAL COMPRESSION LOADS
. COMPRESSION LOADS
. . AXIAL COMPRESSION LOADS
. IMPACT LOADS
. CRITICAL LOADING
. DYNAMIC LOADS
. . AERODYNAMIC LOADS
. . . BLAST LOADS
. . . GUST LOADS
. . CYCLIC LOADS
. . ROLLING CONTACT LOADS
. THRUST LOADS
. . TRANSIENT LOADS
. . . GUST LOADS
. . . IMPACT LOADS
. . . LANDING LOADS
. . . SHOCK LOADS
. . . . BLAST LOADS

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LOADS (FORCES)-(CONT.)

. . VIBRATORY LOADS
. WING LOADING
. EDGE LOADING
. RANDOM LOADS
. . GUST LOADS
. . STATIC LOADS
RT BALLAST (MASS)
∞ EQUILIBRIUM
∞ FORCE
FORCE DISTRIBUTION
HUGONIOT EQUATION OF STATE
∞ LOADING
LOADING MOMENTS
LOADING RATE
MASS DISTRIBUTION
∞ MECHANICS (PHYSICS)
MOMENT DISTRIBUTION
PAYLOADS
PRESSURE
PRESSURE DISTRIBUTION
PRESSURE EFFECTS
SHAFTS (MACHINE ELEMENTS)
SHEARING
STRESS CONCENTRATION
STRESS INTENSITY FACTORS
STRESSES
STRUCTURAL DESIGN CRITERIA
WEIGHT (MASS)
WIND PRESSURE

∞ LOBES
SN *(USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)*
RT ANTENNA DESIGN
ANTENNA RADIATION PATTERNS
BACKLOBES
SIDELOBES

LOCAL SCIENTIFIC SURVEY MODULE
GS MODULES
. LOCAL SCIENTIFIC SURVEY MODULE
RT INSTRUMENT PACKAGES
LUNAR EXPLORATION
MEASURING INSTRUMENTS

LOCALIZATION
USE POSITION (LOCATION)

LOCATES SYSTEM
UF LOCATION OF AIR TRAFFIC SATELLITES
RT AIR TRAFFIC CONTROL
BEACON SATELLITES
NAVIGATION SATELLITES
SATELLITE GUIDANCE

LOCATION
USE POSITION (LOCATION)

LOCATION OF AIR TRAFFIC SATELLITES
USE LOCATES SYSTEM

LOCI
GS GEOMETRY
. EUCLIDEAN GEOMETRY
. . ANALYTIC GEOMETRY
. . . LOCI
RT ∞ CENTERS
CONICS
FOCI
LINE OF SIGHT
POINTS (MATHEMATICS)
RESOLUTION

LOCKHEED AIRCRAFT
GS **LOCKHEED AIRCRAFT**
. C-5 AIRCRAFT
. C-121 AIRCRAFT
. C-130 AIRCRAFT
. C-140 AIRCRAFT
. C-141 AIRCRAFT
. CL-823 AIRCRAFT
. EC-121 AIRCRAFT
. ELECTRA AIRCRAFT
. F-94 AIRCRAFT
. F-104 AIRCRAFT
. L-1011 AIRCRAFT
. L-1649 AIRCRAFT
. L-2000 AIRCRAFT
. LOCKHEED MODEL 18 AIRCRAFT
. P-3 AIRCRAFT
. T-33 AIRCRAFT
. U-2 AIRCRAFT
. XH-51 HELICOPTER

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LOCKHEED AIRCRAFT-(CONT.)

RT XV-4 AIRCRAFT
∞ AIRCRAFT

LOCKHEED C-5 AIRCRAFT

USE C-5 AIRCRAFT

LOCKHEED CL-595 HELICOPTER

USE XH-51 HELICOPTER

LOCKHEED CL-823 AIRCRAFT

USE CL-823 AIRCRAFT

LOCKHEED CONSTELLATION AIRCRAFT

USE C-121 AIRCRAFT

LOCKHEED L-1649 AIRCRAFT

USE L-1649 AIRCRAFT

LOCKHEED L-2000 AIRCRAFT

USE L-2000 AIRCRAFT

LOCKHEED MODEL 18 AIRCRAFT

GS LOCKHEED AIRCRAFT
∞ LOCKHEED MODEL 18 AIRCRAFT
MONOPLANES
∞ LOCKHEED MODEL 18 AIRCRAFT
TRANSPORT AIRCRAFT
∞ LOCKHEED MODEL 18 AIRCRAFT

LOCKHEED U-2 AIRCRAFT

USE U-2 AIRCRAFT

LOCKHEED XV-4A AIRCRAFT

USE XV-4 AIRCRAFT

LOCKHEED 186 HELICOPTER

USE XH-51 HELICOPTER

LOCKING

UF INTERLOCKING
GS LOCKING
∞ LASER MODE LOCKING
RT FASTENERS
∞ JOINING
LOCKS (FASTENERS)
RETAINING

∞ LOCKS

SN (USE OF A MORE SPECIFIC TERM IS
RECOMMENDED-CONSULT THE TERMS
LISTED BELOW)
RT AIR LOCKS
LOCKS (FASTENERS)

LOCKS (FASTENERS)

GS FASTENERS
∞ LOCKS (FASTENERS)
RT LOCKING
∞ LOCKS

LOCOMOTION

UF MOTILITY
GS LOCOMOTION
∞ ASTRONAUT LOCOMOTION
WALKING
RT EXERCISE PHYSIOLOGY
NAVIGATION
PHYSIOLOGY
PROPULSION
WHEELCHAIRS

LOCOMOTIVES

RT DIESEL ENGINES
HANDLING EQUIPMENT
RAIL TRANSPORTATION
WINDSHIELDS

LOCUSTS

GS ANIMALS
∞ INVERTEBRATES
ARTHROPODS
INSECTS
∞ LOCUSTS
RT FARM CROPS
FOLIAGE
INFESTATION
VEGETATION

LOFAR

RT SONAR
UNDERWATER ACOUSTICS

LOFTI SATELLITES

USE LOW FREQUENCY TRANSIONOSPHERIC
SATELLITES

LOFTING

RT AIRCRAFT DESIGN
ASCENT TRAJECTORIES
COMPUTERIZED DESIGN
DIFFERENTIAL GEOMETRY
ENGINEERING DRAWINGS
MATHEMATICAL MODELS
SPACECRAFT DESIGN
STRUCTURAL DESIGN
∞ SURFACE GEOMETRY
TEMPLATES

LOG PERIODIC ANTENNAS

GS ANTENNAS
∞ DIRECTIONAL ANTENNAS
∞ LOG PERIODIC ANTENNAS
RT ANTENNA ARRAYS
ANTENNA DESIGN
BROADBAND
DIPOLE ANTENNAS
∞ FREQUENCY RESPONSE

LOG SPIRAL ANTENNAS

GS ANTENNAS
∞ SPIRAL ANTENNAS
∞ LOG SPIRAL ANTENNAS
RT DIPOLE ANTENNAS

LOGARITHMIC RECEIVERS

GS RECEIVERS
∞ LOGARITHMIC RECEIVERS
RT COMMUNICATION EQUIPMENT
∞ FREQUENCY RESPONSE
INTERMEDIATE FREQUENCY AMPLIFIERS
TRANSFER FUNCTIONS

LOGARITHMS

GS ANALYSIS (MATHEMATICS)
∞ COMPLEX VARIABLES
EXponential FUNCTIONS
∞ LOGARITHMS
FUNCTIONS (MATHEMATICS)
TRANSCENDENTAL FUNCTIONS
∞ EXPONENTIAL FUNCTIONS
∞ LOGARITHMS
RT EXPONENTS

LOGGING (INDUSTRY)

RT FORESTS
TREES (PLANTS)

∞ LOGIC

SN (USE OF A MORE SPECIFIC TERM IS
RECOMMENDED-CONSULT THE TERMS
LISTED BELOW)
RT ARTIFICIAL INTELLIGENCE
AXIOMS
BOOLEAN ALGEBRA
BRANCHING (MATHEMATICS)
COMPLEMENTS (MATHEMATICS)
FLUID LOGIC
FLUIDICS
FORMALISM
INFORMATION THEORY
LOGIC CIRCUITS
LOGIC DESIGN
MATHEMATICAL LOGIC
PARADOXES
PHILOSOPHY
∞ PRINCIPLES
THRESHOLD LOGIC
TRANSISTOR LOGIC

LOGIC CIRCUITS

UF LOGIC NETWORKS
CIRCUITS
GS LOGIC CIRCUITS
∞ THRESHOLD GATES
ADDING CIRCUITS
ARCHITECTURE (COMPUTERS)
CENTRAL PROCESSING UNITS
COMPUTERS
COUNTING CIRCUITS
DECISIONS
DIGITAL COMPUTERS
FLUID LOGIC
GATES (CIRCUITS)
∞ LOGIC
LOGICAL ELEMENTS
MATRICES (CIRCUITS)
MULTIPLIERS

LOKI ROCKET VEHICLE

LOGIC CIRCUITS-(CONT.)

MULTIVIBRATORS
NEURAL NETS
∞ RELAY
SWITCHING CIRCUITS
THRESHOLD LOGIC
TRANSISTOR CIRCUITS
TRANSISTOR LOGIC

LOGIC DESIGN

RT AMPLIFIER DESIGN
ARCHITECTURE (COMPUTERS)
COMPUTER DESIGN
COMPUTER PROGRAMMING
COMPUTERIZED DESIGN
∞ DESIGN
DESIGN ANALYSIS
∞ LOGIC
LOGICAL ELEMENTS
SWITCHING THEORY
TRANSISTOR LOGIC

LOGIC NETWORKS

USE LOGIC CIRCUITS

LOGICAL ELEMENTS

UF DECISION ELEMENTS
RT COMPUTER COMPONENTS
∞ ELEMENTS
GATES (CIRCUITS)
LOGIC CIRCUITS
LOGIC DESIGN

LOGISTICS

GS LOGISTICS
∞ LUNAR LOGISTICS
SPACE LOGISTICS
RT AIRCRAFT MAINTENANCE
ARMY-NAVY INSTRUMENTATION
PROGRAM
COMMAND AND CONTROL
CONSUMABLES (SPACECRAFT)
CRANES
DEPLOYMENT
DOWNTIME
∞ ELECTRIC EQUIPMENT
ENERGY POLICY
∞ FACILITIES
INVENTORY MANAGEMENT
MAINTENANCE
MATRIX MANAGEMENT
PORTABLE EQUIPMENT
RAPID TRANSIT SYSTEMS
RESOURCE ALLOCATION
RESOURCES
SERVICES
SHIPYARDS
SITE SELECTION
STOCKPILING
∞ STORAGE
STOWAGE (ONBOARD EQUIPMENT)
TRANSPORTATION
∞ TRAVEL
UTILITIES

LOGISTICS MANAGEMENT

GS MANAGEMENT
∞ LOGISTICS MANAGEMENT
INVENTORY MANAGEMENT
INVENTORY CONTROLS
RT ∞ FACILITIES
MAINTENANCE
RESOURCES
SERVICES
SPARE PARTS
∞ STORAGE

LOGISTICS OVER THE SHORE (LOTS) CARRIER

RT MILITARY TECHNOLOGY

LOH HELICOPTER

USE OH-6 HELICOPTER

LOKI ROCKET VEHICLE

GS ROCKET VEHICLES
∞ SINGLE STAGE ROCKET VEHICLES
∞ LOKI ROCKET VEHICLE
SOUNDING ROCKETS
∞ LOKI ROCKET VEHICLE
RT SOLID PROPELLANT ROCKET ENGINES
WASP SOUNDING ROCKET

LOLA (SIMULATOR)

LOLA (SIMULATOR)

USE LUNAR ORBIT AND LANDING
SIMULATORS

LOMONOSOV CURRENT

GS CIRCULATION
... WATER CIRCULATION
... WATER CURRENTS
... OCEAN CURRENTS
... LOMONOSOV CURRENT
RT ATLANTIC OCEAN
GULF STREAM
TROPICAL REGIONS

LONG DURATION EXPOSURE FACILITY

UF LDEF
GS LABORATORIES
... LONG DURATION EXPOSURE FACILITY
MANNED SPACECRAFT
... SPACE STATIONS
... ORBITAL SPACE STATIONS
... LONG DURATION EXPOSURE
FACILITY
SATELLITES
... ARTIFICIAL SATELLITES
... ORBITAL SPACE STATIONS
... LONG DURATION EXPOSURE
FACILITY
STATIONS
... SPACE STATIONS
... ORBITAL SPACE STATIONS
... LONG DURATION EXPOSURE
FACILITY
RT SPACE LABORATORIES

LONG DURATION SPACE FLIGHT

UF EXTENDED DURATION SPACE FLIGHT
GS SPACE FLIGHT
... INTERPLANETARY FLIGHT
... LONG DURATION SPACE FLIGHT
RT DEEP SPACE
EXTRATERRESTRIAL ENVIRONMENTS
∞ FLIGHT
FLYBY MISSIONS
INTERSTELLAR TRAVEL
MANNED SPACE FLIGHT
∞ MISSIONS
PLANETARY ENVIRONMENTS

LONG ISLAND (NY)

GS LANDFORMS
... ISLANDS
... LONG ISLAND (NY)
RT ATLANTIC OCEAN
NEW YORK

LONG RANGE NAVIGATION

USE LORAN
LORAN D

LONG RANGE WEATHER FORECASTING

GS FORECASTING
... WEATHER FORECASTING
... LONG RANGE WEATHER
FORECASTING
METEOROLOGY
... WEATHER FORECASTING
... LONG RANGE WEATHER
FORECASTING
RT NUMERICAL WEATHER FORECASTING
STATISTICAL WEATHER FORECASTING

LONG TERM EFFECTS

UF SECULAR PERTURBATION
RT CELESTIAL MECHANICS
CLIMATE
CLOSED ECOLOGICAL SYSTEMS
CYCLES
DURABILITY
∞ EFFECTS
LIFE (DURABILITY)
LIFE SUPPORT SYSTEMS
ORBIT PERTURBATION
∞ PERFORMANCE
PERIODIC VARIATIONS
PERTURBATION
STORAGE STABILITY
WEATHER

LONG TERM ZONAL EARTH ENERGY

USE LZEEB SATELLITE

LONG WAVE RADIATION

GS ELECTROMAGNETIC RADIATION
... RADIO WAVES
... LONG WAVE RADIATION
RT FAR INFRARED RADIATION
MONOCHROMATIC RADIATION
SHORT WAVE RADIATION
SOLAR RADIATION

LONG WAVES (METEOROLOGY)

USE PLANETARY WAVES

LONGERONS

GS STRUCTURAL MEMBERS
... LONGERONS
RT KEELS
REINFORCEMENT (STRUCTURES)
RIBS (SUPPORTS)
STRAKES
STRINGERS
STRUCTURAL STABILITY

∞ LONGEVITY

SN *(USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)*
RT LIFE (DURABILITY)
LIFE SPAN

LONGITUDE

GS LONGITUDE
... SOLAR LONGITUDE
RT COORDINATES
GEODEIC COORDINATES
LATITUDE
POSITION (LOCATION)

LONGITUDE MEASUREMENT

RT LATITUDE MEASUREMENT
∞ MEASUREMENT
NAVIGATION
POSITIONING

LONGITUDINAL CONTROL

UF PITCH ATTITUDE CONTROL
GS ATTITUDE CONTROL
... LONGITUDINAL CONTROL
RT AIRCRAFT CONTROL
ALTITUDE CONTROL
AUTOMATIC CONTROL
∞ CONTROL
DIRECTIONAL CONTROL
HELICOPTER CONTROL
LATERAL CONTROL
MANUAL CONTROL
MISSILE CONTROL
PITCH (INCLINATION)
SATELLITE ATTITUDE CONTROL
SATELLITE CONTROL

LONGITUDINAL STABILITY

GS DYNAMIC CHARACTERISTICS
... DYNAMIC STABILITY
... MOTION STABILITY
... ATTITUDE STABILITY
... LONGITUDINAL STABILITY
STABILITY
... DYNAMIC STABILITY
... MOTION STABILITY
... ATTITUDE STABILITY
... LONGITUDINAL STABILITY
RT AERODYNAMIC STABILITY
AIRCRAFT STABILITY
DIRECTIONAL STABILITY
FLOW STABILITY
HOVERING STABILITY
LATERAL STABILITY
PITCH (INCLINATION)
PITCHING MOMENTS
POGO EFFECTS
ROTARY STABILITY
SPACECRAFT STABILITY

LONGITUDINAL WAVES

GS LONGITUDINAL WAVES
... PLANE WAVES
RT BEAMS (RADIATION)
DILATATIONAL WAVES
ELASTIC WAVES
ELECTROSTATIC WAVES
FREQUENCIES
NORMAL SHOCK WAVES
∞ RADIATION
SEISMIC WAVES
SHOCK WAVES

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LONGITUDINAL WAVES-(CONT.)

SOLAR RADIATION
SOUND WAVES
TRANSVERSE WAVES
WAVE PACKETS
WAVELENGTHS
∞ WAVES

LONGSHORE CURRENTS

USE COASTAL CURRENTS

LOOK ANGLES (ELECTRONICS)

GS GEOMETRY
... EUCLIDEAN GEOMETRY
... ANGLES (GEOMETRY)
... LOOK ANGLES (ELECTRONICS)
RT ALIGNMENT
DIRECTIVITY
INSTALLING
INSTRUMENT ORIENTATION
OPTICAL EQUIPMENT
POSITIONING
RADAR EQUIPMENT

LOOK ANGLES (TRACKING)

GS GEOMETRY
... EUCLIDEAN GEOMETRY
... ANGLES (GEOMETRY)
... LOOK ANGLES (TRACKING)
RT AZIMUTH
ELEVATION ANGLE
FIELD OF VIEW

LOOP ANTENNAS

GS ANTENNAS
... DIRECTIONAL ANTENNAS
... LOOP ANTENNAS
RT AIRCRAFT ANTENNAS
LOOPS
MONOPOLE ANTENNAS

LOOPS

GS LOOPS
... CORROSION TEST LOOPS
RT CIRCUITS
CLOSED CYCLES
LOOP ANTENNAS
TORUSES
TRUSSES

LOR (RENDEZVOUS)

USE LUNAR ORBITAL RENDEZVOUS

LORAC NAVIGATION SYSTEM

GS NAVIGATION
... RADIO NAVIGATION
... HYPERBOLIC NAVIGATION
... LORAC NAVIGATION SYSTEM
RT DISTANCE MEASURING EQUIPMENT
NAVIGATION AIDS
NAVIGATION INSTRUMENTS
SURFACE NAVIGATION

LORAN

UF LONG RANGE NAVIGATION
NAVIGATION
GS ... RADIO NAVIGATION
... HYPERBOLIC NAVIGATION
... LORAN
... LORAN C
... LORAN D
RT AIR NAVIGATION
DECCA NAVIGATION
DISTANCE MEASURING EQUIPMENT
NAVIGATION AIDS
NAVIGATION INSTRUMENTS
POLAR NAVIGATION
SOLAR COMPASSES
SURFACE NAVIGATION
SURVEYS

LORAN C

GS NAVIGATION
... RADIO NAVIGATION
... HYPERBOLIC NAVIGATION
... LORAN
... LORAN C
RT AIR NAVIGATION
DECCA NAVIGATION
NAVIGATION AIDS

LORAN D

UF LONG RANGE NAVIGATION
NAVIGATION
GS

LORAN D-(CONT.)

. RADIO NAVIGATION
 . . . HYPERBOLIC NAVIGATION
 . . . LORAN

RT . . . **LORAN D**
 AIR NAVIGATION
 DECCA NAVIGATION
 NAVIGATION AIDS

LORENTZ CONTRACTION

UF FITZGERALD-LORENTZ CONTRACTION
 RT RELATIVITY

LORENTZ FORCE

RT CHARGED PARTICLES
 ∞ FORCE
 MAGNETIC FIELDS
 PONDEROMOTIVE FORCES

LORENTZ GAS

GS GASES
 . **LORENTZ GAS**
 RT GAS DYNAMICS
 IONIZED GASES
 KINETIC THEORY

LORENTZ TRANSFORMATIONS

GS FUNCTIONS (MATHEMATICS)
 . **LORENTZ TRANSFORMATIONS**
 RT DIRAC EQUATION
 INVARIANCE
 MANDELSTAM REPRESENTATION

LORV

USE LOW OBSERVABLE REENTRY VEHICLES

LOS ALAMOS MOLTEN PLUTONIUM REACTOR

GS NUCLEAR REACTORS
 . LIQUID COOLED REACTORS
 . . LIQUID METAL COOLED REACTORS
 . . . **LOS ALAMOS MOLTEN PLUTONIUM REACTOR**
 . NUCLEAR RESEARCH AND TEST REACTORS
 . . **LOS ALAMOS MOLTEN PLUTONIUM REACTOR**

LOS ALAMOS TURRET REACTOR

USE HIGH TEMPERATURE NUCLEAR REACTORS

LOS ALAMOS WATER BOILER REACTOR

GS NUCLEAR REACTORS
 . LIQUID COOLED REACTORS
 . . WATER COOLED REACTORS
 . . . BOILING WATER REACTORS
 . . . **LOS ALAMOS WATER BOILER REACTOR**

LOSSES

RT AUDITORY DEFECTS
 COMMERCE
 DAMAGE
 DEPLETION
 EDDY CURRENTS
 ENERGY DISSIPATION
 IMPAIRMENT
 INSERTION LOSS
 LEAKAGE
 LEGAL LIABILITY
 LIABILITIES
 OHMIC DISSIPATION
 PLASMA LOSS
 SEEPAGE
 TRANSMISSION LOSS
 WASTES
 WATER LOSS
 YIELD

LOSSLESS EQUIPMENT

RT LOSSLESS MATERIALS

LOSSLESS MATERIALS

SN (DIELECTRIC MATERIALS THAT DO NOT DISSIPATE ENERGY OR THAT DO NOT DAMPEN OSCILLATIONS)
 GS DIELECTRICS
 . **LOSSLESS MATERIALS**
 RT LOSSLESS EQUIPMENT

LOSSY MEDIA

RT ELECTROMAGNETIC WAVE TRANSMISSION
 IONOSPHERIC PROPAGATION

LOSSY MEDIA-(CONT.)

TRANSMISSION LOSS
 WAVE PROPAGATION

LOST WAX PROCESS

USE INVESTMENT CASTING

LOTS CARGO SHIPS

USE CARGO SHIPS

LOUDNESS

RT ACOUSTICS
 EFFECTIVE PERCEIVED NOISE LEVELS
 FLUX DENSITY
 ∞ INTENSITY
 LEVEL (QUANTITY)
 NOISE (SOUND)
 NOISE MEASUREMENT
 NOISE REDUCTION
 POWER SPECTRA
 SOUND INTENSITY
 SOUND PRESSURE
 SOUND WAVES

LOUDSPEAKERS

GS AUDIO EQUIPMENT
 . **LOUDSPEAKERS**
 TRANSDUCERS
 . SOUND TRANSDUCERS
 . . ELECTROACOUSTIC TRANSDUCERS
 . . . **LOUDSPEAKERS**
 RT MONAURAL SIGNALS
 RADIO RECEIVERS
 SOUND GENERATORS

LOUISIANA

GS UNITED STATES OF AMERICA
 . **LOUISIANA**
 RT ATCHAFALAYA RIVER BASIN (LA)
 GULF OF MEXICO
 LAKE PONTCHARTRAIN (LA)
 MISSISSIPPI DELTA (LA)

∞ LOUNGES

SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED-CONSULT THE TERMS LISTED BELOW)*
 RT MOBILE LOUNGES
 ROOMS
 SEATS

LOUVERS

RT APERTURES
 BAFFLES
 ∞ DIFFUSERS
 ∞ SCREENING
 SHADES
 SHIELDING
 ∞ SHUTTERS
 SLOTS
 VENTS

LOVE WAVES

GS ELASTIC WAVES
 . SEISMIC WAVES
 . . **LOVE WAVES**
 RT SURFACE WAVES

LOW ALLOY STEELS

USE HIGH STRENGTH STEELS

LOW ALTITUDE

GS ALTITUDE
 . **LOW ALTITUDE**
 RT ELEVATION
 LOWER ATMOSPHERE
 MIDALTITUDE
 NAP-OF-THE-EARTH NAVIGATION

LOW ASPECT RATIO

GS RATIOS
 . ASPECT RATIO
 . . **LOW ASPECT RATIO**

LOW ASPECT RATIO WINGS

UF DIAMOND WINGS
 GS AIRFOILS
 . WINGS
 . **LOW ASPECT RATIO WINGS**
 . . DELTA WINGS
 . . . TRAPEZOIDAL WINGS
 RT CRUCIFORM WINGS
 FIXED WINGS
 RIGID WINGS

LOW ASPECT RATIO WINGS-(CONT.)

WING PLANFORMS

LOW CARBON STEELS

GS ALLOYS
 . IRON ALLOYS
 . . STEELS
 . . . CARBON STEELS
 . . . **LOW CARBON STEELS**
 RT IRON

LOW CONCENTRATIONS

GS COMPOSITION (PROPERTY)
 . CONCENTRATION (COMPOSITION)
 . . **LOW CONCENTRATIONS**
 RT DILUTION

LOW CONDUCTIVITY

GS ELECTROCONDUCTIVITY
 . **LOW CONDUCTIVITY**
 RT ELECTRIC CURRENT
 ELECTRICAL RESISTIVITY

LOW COST

GS COSTS
 . **LOW COST**
 RT ECONOMY

LOW CURRENTS

GS ELECTRIC CURRENT
 . **LOW CURRENTS**
 RT LOW VOLTAGE
 PLASMA CURRENTS

LOW DENSITY FLOW

RT ∞ FLOW
 FLUID DYNAMICS
 MOLECULAR FLOW
 RAREFIED GAS DYNAMICS
 RAREFIED GASES

LOW DENSITY GASES

USE RAREFIED GASES

LOW DENSITY MATERIALS

RT ABSORBENTS
 ABSORBERS (MATERIALS)
 FOAMS
 GRANULAR MATERIALS
 HONEYCOMB CORES
 HONEYCOMB STRUCTURES
 LIGHT ELEMENTS
 ∞ MATERIALS
 POLYURETHANE FOAM
 POROUS MATERIALS
 POROUS PLATES
 POWDER METALLURGY

LOW DENSITY RESEARCH

GS RESEARCH
 . **LOW DENSITY RESEARCH**
 RT BLOWDOWN WIND TUNNELS
 COLLISIONLESS PLASMAS
 COMPOSITE MATERIALS
 EPOXY MATRIX COMPOSITES
 NONUNIFORM PLASMAS
 PLASMAS (PHYSICS)
 RAREFIED GASES
 SHOCK TUBES
 SHOCK TUNNELS
 SHOCK WAVE LUMINESCENCE
 ULTRAHIGH VACUUM
 VACUUM APPARATUS

LOW DENSITY WIND TUNNELS

GS TEST FACILITIES
 . WIND TUNNELS
 . . **LOW DENSITY WIND TUNNELS**
 RT HYPERSONIC WIND TUNNELS
 HYPERVELOCITY WIND TUNNELS
 PLASMA JETS
 RAREFIED GAS DYNAMICS
 SHOCK TUBES
 SHOCK TUNNELS
 SLIP FLOW
 SUPERSONIC WIND TUNNELS

LOW FREQUENCIES

GS FREQUENCIES
 . RADIO FREQUENCIES
 . . **LOW FREQUENCIES**
 . . . SUBAUDIBLE FREQUENCIES
 . . . VERY LOW FREQUENCIES
 RT EXTREMELY LOW FREQUENCIES

LOW FREQUENCY BANDS

LOW FREQUENCIES-(CONT.)

INTERMEDIATE FREQUENCIES

LOW FREQUENCY BANDS

- GS FREQUENCIES
 - . RADIO FREQUENCIES
 - . . . **LOW FREQUENCY BANDS**
 - VERY LOW FREQUENCIES
- RT HIGH FREQUENCIES
 - . ULTRAHIGH FREQUENCIES
 - . VERY HIGH FREQUENCIES

LOW FREQUENCY TRANSIONOSPHERIC SATELLITES

- UF LOFTI SATELLITES
- GS SATELLITES
 - . ARTIFICIAL SATELLITES
 - . . COMMUNICATION SATELLITES
 - . . . **LOW FREQUENCY TRANSIONOSPHERIC SATELLITES**
 - EARTH SATELLITES
 - COMMUNICATION SATELLITES
 - **LOW FREQUENCY TRANSIONOSPHERIC SATELLITES**

LOW GRAVITY

USE REDUCED GRAVITY

LOW GRAVITY MANUFACTURING

- GS MANUFACTURING
 - . **LOW GRAVITY MANUFACTURING**
- RT CONTAINERLESS MELTS
 - . DROP TOWERS
 - . FABRICATION
 - . METAL FOAMS
 - . REDUCED GRAVITY
 - . SPACE PROCESSING
 - . SPACE TOOLS
 - . TECHNOLOGIES

LOW INTENSITY X-RAY IMAGING SCOPE

USE LIXISCOPES

LOW LATITUDES

USE TROPICAL REGIONS

LOW LEVEL TURBULENCE

- GS TURBULENCE
 - . ATMOSPHERIC TURBULENCE
 - . . **LOW LEVEL TURBULENCE**
- RT HOMOGENEOUS TURBULENCE

LOW MASS

USE MASS

LOW MOLECULAR WEIGHTS

- GS MOLECULAR WEIGHT
 - . **LOW MOLECULAR WEIGHTS**
- RT DIATOMIC MOLECULES
 - . MOLECULES
 - . MONATOMIC MOLECULES
 - . WEIGHT (MASS)

LOW NOISE

- RT PREAMPLIFIERS
 - . SIGNAL TO NOISE RATIOS

LOW OBSERVABLE REENTRY VEHICLES

- UF LORV
- GS REENTRY VEHICLES
 - . **LOW OBSERVABLE REENTRY VEHICLES**
- RT RADAR CROSS SECTIONS
 - . REENTRY
 - . REENTRY PHYSICS

LOW PASS FILTERS

- RT ELECTRIC FILTERS
 - . ELECTROMAGNETIC WAVE FILTERS
- ∞ FILTERS
 - . MICROWAVE FILTERS
 - . OPTICAL FILTERS

LOW PRESSURE

- GS PRESSURE
 - . **LOW PRESSURE**
 - . . HIGH ALTITUDE PRESSURE
- RT ALTITUDE TOLERANCE
 - . CYCLONES
- ∞ DEPRESSION
 - . HIGH ALTITUDE ENVIRONMENTS
 - . HIGH PRESSURE

LOW PRESSURE-(CONT.)

HYPOBARIC ATMOSPHERES
TROUGH
VACUUM

LOW PRESSURE CHAMBERS

USE VACUUM CHAMBERS

∞ LOW RESISTANCE

- SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)*
- RT CHEMICAL PROPERTIES
 - . ELECTRICAL RESISTANCE
 - . FLOW RESISTANCE
 - . MECHANICAL PROPERTIES
 - . THERMAL RESISTANCE

LOW SPEED

- UF LOW VELOCITY
- GS RATES (PER TIME)
 - . **LOW SPEED**
 - . VELOCITY
 - . . **LOW SPEED**
- RT AIRSPEED
 - . FLOW VELOCITY
 - . GROUND SPEED
 - . LANDING SPEED
 - . SUBSONIC SPEED

LOW SPEED STABILITY

- GS DYNAMIC CHARACTERISTICS
 - . DYNAMIC STABILITY
 - . . MOTION STABILITY
 - . . . **LOW SPEED STABILITY**
 - STABILITY
 - DYNAMIC STABILITY
 - MOTION STABILITY
 - **LOW SPEED STABILITY**
- RT AERODYNAMIC STABILITY
 - . AERODYNAMIC STALLING
 - . AIRCRAFT STABILITY
 - . ATTITUDE STABILITY
 - . CONTROLLABILITY
 - . DYNAMIC TESTS
 - . FLIGHT CHARACTERISTICS
 - . FLOW STABILITY
 - . HOVERING STABILITY
 - . SPACECRAFT STABILITY

LOW SPEED WIND TUNNELS

- GS TEST FACILITIES
 - . WIND TUNNELS
 - . . **LOW SPEED WIND TUNNELS**
 - . . . SUBSONIC WIND TUNNELS
- RT BLOWDOWN WIND TUNNELS

LOW TEMPERATURE

- GS TEMPERATURE
 - . **LOW TEMPERATURE**
 - . . ULTRALOW TEMPERATURES
- RT BAY ICE
 - . COOLING
 - . CRYOGENICS
 - . FREEZING
 - . FROST
 - . FROST DAMAGE
 - . ICE FORMATION
 - . MAGNETIC COOLING
 - . PRESSURE ICE
 - . REFRIGERATING

LOW TEMPERATURE BRAZING

- GS WELDING
 - . LASER WELDING
 - . . FUSION WELDING
 - . . . GAS WELDING
 - BRAZING
 - **LOW TEMPERATURE BRAZING**
- RT SOLDERING

LOW TEMPERATURE ENVIRONMENTS

- GS ENVIRONMENTS
 - . **LOW TEMPERATURE ENVIRONMENTS**
- RT COLD STRENGTH
 - . COLD WEATHER
 - . HIGH ALTITUDE ENVIRONMENTS
 - . LUNAR TEMPERATURE
 - . MAGNETIC COOLING
 - . MOUNTAIN INHABITANTS
 - . THERMAL ENVIRONMENTS

LOW TEMPERATURE PHYSICS

RT CRYOCHEMISTRY

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LOW TEMPERATURE PHYSICS-(CONT.)

CRYOGENICS
KONDO EFFECT
∞ PHYSICS
SOLIDIFIED GASES
SUPERCONDUCTING POWER
TRANSMISSION
SUPERCONDUCTIVITY

LOW TEMPERATURE PLASMAS

USE COLD PLASMAS

LOW TEMPERATURE TESTS

- GS ENVIRONMENTAL TESTS
 - . **LOW TEMPERATURE TESTS**
- RT CHEMICAL TESTS
 - . COLD STRENGTH
 - . COLD WEATHER TESTS
 - . CRYOSTATS
 - . HARDNESS TESTS
 - . LUBRICANT TESTS
 - . MELTING POINTS
 - . NONDESTRUCTIVE TESTS
 - . QUALITY CONTROL
 - . TEMPERATURE CONTROL
 - . THERMAL EXPANSION
 - . THERMAL STABILITY

LOW THRUST

- GS THRUST
 - . **LOW THRUST**
 - . . MICROTHRUST
- RT HIGH THRUST
 - . JET THRUST
 - . ROCKET THRUST
 - . VARIABLE THRUST

LOW THRUST PROPULSION

- GS PROPULSION
 - . **LOW THRUST PROPULSION**
 - . . ELECTROMAGNETIC PROPULSION
 - . . ELECTROSTATIC PROPULSION
 - . . . ION PROPULSION
 - . . . MAN OPERATED PROPULSION SYSTEMS
 - . . . PHOTONIC PROPULSION
 - . . . PLASMA PROPULSION
 - . . . SOLAR PROPULSION
 - . . . SOLAR ELECTRIC PROPULSION
 - . . . SOLAR THERMAL PROPULSION
- RT ELECTRIC PROPULSION
 - . MICROTHRUST
 - . ROCKET THRUST
 - . SPACECRAFT PROPULSION
 - . VARIABLE THRUST

LOW TURBULENCE

- GS TURBULENCE
 - . **LOW TURBULENCE**
- RT STEADY FLOW

LOW VACUUM

- SN (PRESSURES BETWEEN 3.001 AND 1.0 TORR)
- GS PRESSURE
 - . VACUUM
 - . . **LOW VACUUM**
- RT HIGH VACUUM

LOW VELOCITY

USE LOW SPEED

LOW VISIBILITY

- GS VISIBILITY
 - . **LOW VISIBILITY**
- RT AIRCRAFT LANDING
 - . ALL-WEATHER LANDING SYSTEMS
 - . HAZARDS
 - . HAZE
 - . INSTRUMENT FLIGHT RULES
 - . LIGHT TRANSMISSION

LOW VOLTAGE

- GS POTENTIAL ENERGY
 - . ELECTRIC POTENTIAL
 - . . **LOW VOLTAGE**
- RT LOW CURRENTS

LOW VOLUME RAMJET ENGINES

- GS ENGINES
 - . AIR BREATHING ENGINES
 - . . GAS TURBINE ENGINES
 - . . . JET ENGINES
 - RAMJET ENGINES

LOW VOLUME RAMJET ENGINES-(CONT.)

... LOW VOLUME RAMJET ENGINES
 . INTERNAL COMBUSTION ENGINES
 . GAS TURBINE ENGINES
 . JET ENGINES
 . RAMJET ENGINES
 ... LOW VOLUME RAMJET ENGINES
 . TURBINE ENGINES
 . GAS TURBINE ENGINES
 . JET ENGINES
 . RAMJET ENGINES
 ... LOW VOLUME RAMJET ENGINES

LOW WEIGHT

RT GRAVITATION
 REDUCED GRAVITY
 WEIGHTLESSNESS

LOW WING AIRCRAFT

SN *(USE OF A MORE SPECIFIC TERM IS
 RECOMMENDED-CONSULT THE TERMS
 LISTED BELOW)*

RT ∞ AIRCRAFT
 AIRCRAFT CONFIGURATIONS
 BEECH 99 AIRCRAFT
 GENERAL AVIATION AIRCRAFT
 HYPERSONIC AIRCRAFT
 JET AIRCRAFT
 LIGHT AIRCRAFT
 MONOPLANES
 PASSENGER AIRCRAFT
 TAILLESS AIRCRAFT
 TRANSPORT AIRCRAFT
 TURBOFAN AIRCRAFT
 TURBOPROP AIRCRAFT

LOWER ATMOSPHERE

SN (ALTITUDE BELOW ABOUT 50 KM)
 GS EARTH ATMOSPHERE
 . LOWER ATMOSPHERE
 . BIOSPHERE
 . OZONOSPHERE
 . TROPOSPHERE
 RT CHEMOSPHERE
 HETEROSPHERE
 HOMOSPHERE
 INTASAT SATELLITE
 LACATE (EXPERIMENT)
 LOW ALTITUDE
 MESOMETEOROLOGY
 MIDDLE ATMOSPHERE
 TROPOPAUSE

LOWER ATMOSPHERIC COMPOSITION

EXPERIMENT
 USE LACATE (EXPERIMENT)

LOWER BODY NEGATIVE PRESSURE

GS HEMODYNAMICS
 . LOWER BODY NEGATIVE PRESSURE
 RT ARTIFICIAL GRAVITY
 CARDIOVASCULAR SYSTEM
 GRAVITATIONAL EFFECTS
 ORTHOSTATIC TOLERANCE
 SPACE FLIGHT STRESS
 STRESS (PHYSIOLOGY)
 WEIGHTLESSNESS

LOWER BODY NEGATIVE PRESSURE (LBNP)

USE ACCELERATION STRESSES
 (PHYSIOLOGY)

LOWER CALIFORNIA (MEXICO)

UF BAJA CALIFORNIA
 RT MEXICO
 NORTH AMERICA

LOWER IONOSPHERE

GS EARTH ATMOSPHERE
 . UPPER ATMOSPHERE
 . IONOSPHERE
 . . LOWER IONOSPHERE
 . . . D REGION
 ENVIRONMENTS
 . IONOSPHERE
 . . LOWER IONOSPHERE
 RT E REGION

LOX (OXYGEN)

USE LIQUID OXYGEN

LOX-HYDROGEN ENGINES

USE HYDROGEN OXYGEN ENGINES

LPTR REACTOR

USE LIVERMORE POOL TYPE REACTOR

LR CIRCUITS

USE RL CIRCUITS

LR-59-AJ-13 ENGINE

GS ENGINES
 . ROCKET ENGINES
 . BOOSTER ROCKET ENGINES
 . . LR-59-AJ-13 ENGINE
 . . LIQUID PROPELLANT ROCKET
 ENGINES
 . . LR-59-AJ-13 ENGINE
 RT BOMARC A MISSILE

LR-62 ENGINE

UF YLR-62 ENGINE
 GS ENGINES
 . ROCKET ENGINES
 . LIQUID PROPELLANT ROCKET
 ENGINES
 . . LR-62 ENGINE
 RT BULLPUP B MISSILE

LR-62-RM-2 ENGINE

GS ENGINES
 . ROCKET ENGINES
 . LIQUID PROPELLANT ROCKET
 ENGINES
 . . LR-62-RM-2 ENGINE
 RT BULLPUP B MISSILE
 BULLPUP MISSILES

LR-87-AJ-3 ENGINE

GS ENGINES
 . ROCKET ENGINES
 . BOOSTER ROCKET ENGINES
 . . LR-87-AJ-3 ENGINE
 . . LIQUID PROPELLANT ROCKET
 ENGINES
 . . LR-87-AJ-3 ENGINE
 RT TITAN ICBM

LR-87-AJ-5 ENGINE

GS ENGINES
 . ROCKET ENGINES
 . BOOSTER ROCKET ENGINES
 . . LR-87-AJ-5 ENGINE
 . . LIQUID PROPELLANT ROCKET
 ENGINES
 . . LR-87-AJ-5 ENGINE
 RT TITAN 1 ICBM

LR-91-AJ-3 ENGINE

GS ENGINES
 . ROCKET ENGINES
 . LIQUID PROPELLANT ROCKET
 ENGINES
 . . LR-91-AJ-3 ENGINE
 RT TITAN ICBM

LR-91-AJ-5 ENGINE

UF XLR-91-AJ-5 ENGINE
 GS ENGINES
 . ROCKET ENGINES
 . LIQUID PROPELLANT ROCKET
 ENGINES
 . . LR-91-AJ-5 ENGINE
 RT TITAN ICBM

LR-99 ENGINE

UF YLR-99-RM-1 ENGINE
 GS ENGINES
 . ROCKET ENGINES
 . LIQUID PROPELLANT ROCKET
 ENGINES
 . . LR-99 ENGINE
 RT X-15 AIRCRAFT

LRC CIRCUITS

USE RLC CIRCUITS

LRV (VEHICLE)

USE LUNAR ROVING VEHICLES

LSI

USE LARGE SCALE INTEGRATION

LSSM

UF LUNAR SURFACE SCIENTIFIC MODULES
 GS LUNAR SPACECRAFT
 . LUNAR LANDING MODULES
 . LUNAR MODULE

LSSM-(CONT.)

... LSSM
 MANNED SPACECRAFT
 . LUNAR MODULE
 . . LSSM
 MODULES
 . SPACECRAFT MODULES
 . . LANDING MODULES
 . . LUNAR LANDING MODULES
 . . LUNAR MODULE
 . . . LSSM
 SOFT LANDING SPACECRAFT
 . LANDING MODULES
 . LUNAR LANDING MODULES
 . LUNAR MODULE
 . . . LSSM
 RT APOLLO PROJECT

LST

USE LARGE SPACE TELESCOPE

LTV AIRCRAFT

USE LING-TEMCO-VOUGHT AIRCRAFT

LUBRICANT TESTS

RT ENGINE TESTS
 HIGH TEMPERATURE TESTS
 LOW TEMPERATURE TESTS
 ∞ MATERIALS TESTS
 ∞ TESTS

LUBRICANTS

GS LUBRICANTS
 . GAS LUBRICANTS
 . HIGH TEMPERATURE LUBRICANTS
 . LUBRICATING OILS
 . SOLID LUBRICANTS
 RT ADDITIVES
 BOUNDARY LUBRICATION
 GRAPHITE
 GREASES
 KEROGEN
 LIQUID METALS
 LUBRICATION
 LUBRICATION SYSTEMS
 MAINTENANCE
 OILS
 PETROLEUM PRODUCTS
 SQUEEZE FILMS

LUBRICATING OILS

GS LUBRICANTS
 . LUBRICATING OILS
 OILS
 . LUBRICATING OILS
 RT DETERGENTS
 LUBRICATION
 MINERAL OILS
 SHALE OIL

LUBRICATION

GS LUBRICATION
 . BOUNDARY LUBRICATION
 . SELF LUBRICATION
 . SPACECRAFT LUBRICATION
 RT BEARINGS
 ELASTOHYDRODYNAMICS
 ENGINES
 FRICTION REDUCTION
 GEARS
 IMPREGNATING
 LIQUID BEARINGS
 LUBRICANTS
 LUBRICATING OILS
 LUBRICATION SYSTEMS
 MAINTENANCE
 SELF LUBRICATING MATERIALS
 SLIDING
 TRIBOLOGY

LUBRICATION SYSTEMS

RT AUTOMOBILES
 COOLING SYSTEMS
 INTERNAL COMBUSTION ENGINES
 LUBRICANTS
 LUBRICATION
 PUMPS
 ∞ SYSTEMS

LUCITE (TRADEMARK)

USE POLYMETHYL METHACRYLATE

LUDER BANDS.

LUDER BANDS
 USE PLASTIC DEFORMATION
 YIELD POINT

LUDOX (TRADEMARK)
 GS REFRACTORY MATERIALS
 . LUDOX (TRADEMARK)
 RT DENSIFICATION
 HEAT SHIELDING
 REENTRY SHIELDING
 SPACECRAFT CONSTRUCTION
 MATERIALS
 THERMAL PROTECTION
 TILES

LUGS
 RT FASTENERS
 HOLDERS
 STUDS (STRUCTURAL MEMBERS)
 SUPPORTS

LUMBAR REGION
 GS REGIONS
 . LUMBAR REGION
 RT ANATOMY
 HUMAN BODY

LUMBERING AREAS
 USE FORESTS

LUMENS
 GS PRESSURE
 . RADIATION PRESSURE
 . . LUMENS
 RATES (PER TIME)
 . FLUX DENSITY
 . . RADIANT FLUX DENSITY
 . . . LUMENS
 RT LIGHT (VISIBLE RADIATION)
 LUMINANCE
 LUMINESCENCE
 LUMINOSITY
 OPTICAL PROPERTIES
 RADIANCE

LUMINAIRES
 UF ELECTROLUMINESCENT LAMPS
 LAMPS
 LIGHT BULBS
 LIGHTS
 GS LIGHTING EQUIPMENT
 . LUMINAIRES
 . . AIRPORT LIGHTS
 . . . RUNWAY LIGHTS
 . . ARC LAMPS
 . . FLASH LAMPS
 . . . ALKALI VAPOR LAMPS
 . . MERCURY LAMPS
 . . QUARTZ LAMPS
 . . SEARCHLIGHTS
 . . XENON LAMPS
 RT BALLASTS (IMPEDANCES)
 BULBS
 FIXTURES
 ∞ FLARES
 ∞ GLOBES
 ILLUMINATING
 LIGHT (VISIBLE RADIATION)
 LIGHT SOURCES
 PROJECTORS
 VISUAL SIGNALS

LUMINANCE
 SN (EMISSION RATE PER UNIT AREA OF OF
 VISIBLE RADIATION)
 GS PRESSURE
 . RADIATION PRESSURE
 . . LUMINOUS INTENSITY
 . . . LUMINANCE
 RATES (PER TIME)
 . FLUX DENSITY
 . . RADIANT FLUX DENSITY
 . . . LUMINOUS INTENSITY
 . . . LUMINANCE
 RT BRIGHTNESS
 GLARE
 ILLUMINANCE
 ILLUMINATING
 ∞ INTENSITY
 IRRADIANCE
 LIGHT (VISIBLE RADIATION)
 LUMENS
 OPTICAL PROPERTIES
 PHOTOMETRY
 SKY BRIGHTNESS

LUMINANCE-(CONT.)
 SOLAR FLUX DENSITY
 STELLAR MAGNITUDE

LUMINESCENCE
 UF GLOW
 NOCTILUCENCE
 GS DECAY
 . EMISSION
 . . LIGHT EMISSION
 . . . LUMINESCENCE
 . . . BIOLUMINESCENCE
 . . . CATHODE GLOW
 . . . CATHODOLUMINESCENCE
 . . . CHEMILUMINESCENCE
 . . . ELECTROLUMINESCENCE
 . . . FLUORESCENCE
 . . . PHOSPHORESCENCE
 . . . RESONANCE FLUORESCENCE
 . . . X RAY FLUORESCENCE
 . . . LUNAR LUMINESCENCE
 . . . OPTICAL RESONANCE
 . . . PHOTOLUMINESCENCE
 X RAY FLUORESCENCE
 . . . SHOCK WAVE LUMINESCENCE
 . . . SONOLUMINESCENCE
 . . . THERMOLUMINESCENCE
 RT AFTERGLOWS
 ALKALI VAPOR LAMPS
 BRIGHTNESS
 ELECTRON-HOLE DROPS
 FRAUNHOFER LINE DISCRIMINATORS
 ∞ ILLUMINATION
 ILLUMINATORS
 INCANDESCENCE
 LIGHT (VISIBLE RADIATION)
 LIGHT EMITTING DIODES
 LUMENS
 LUMINOSITY
 LUMINOUS INTENSITY
 NOCTILUCENT CLOUDS
 OPTICAL TRANSITION
 PLASMA RADIATION
 STOKES LAW OF RADIATION
 VISIBILITY

LUMINESCENT INTENSITY
 USE LUMINOUS INTENSITY

LUMINOSITY
 GS ELECTROMAGNETIC PROPERTIES
 . OPTICAL PROPERTIES
 . . LUMINOSITY
 . . . STELLAR LUMINOSITY
 RT BRIGHTNESS
 EMISSIVITY
 EMITTANCE
 ILLUMINANCE
 INCANDESCENCE
 LIGHT (VISIBLE RADIATION)
 LUMENS
 LUMINESCENCE
 MASS TO LIGHT RATIOS
 PHOSPHENE
 RADIANCE
 RADIANT FLUX DENSITY
 VISIBILITY

LUMINOUS FLUX DENSITY
 USE LUMINOUS INTENSITY

LUMINOUS INTENSITY
 SN (EMISSION OR DETECTION RATE PER
 UNIT AREA OF VISIBLE RADIATION)
 UF LIGHT INTENSITY
 LUMINESCENT INTENSITY
 LUMINOUS FLUX DENSITY
 GS PRESSURE
 . RADIATION PRESSURE
 . . LUMINOUS INTENSITY
 . . . ILLUMINANCE
 . . . LUMINANCE
 RATES (PER TIME)
 . FLUX DENSITY
 . . RADIANT FLUX DENSITY
 . . . LUMINOUS INTENSITY
 . . . ILLUMINANCE
 . . . LUMINANCE
 RT BL LACERTAE OBJECTS
 BRIGHTNESS
 EMITTANCE
 FLUX (RATE)
 INCANDESCENCE
 ∞ INTENSITY
 IRRADIANCE

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LUMINOUS INTENSITY-(CONT.)
 LIGHT (VISIBLE RADIATION)
 LUMINESCENCE
 MASS TO LIGHT RATIOS
 RADIANCE
 SEYFERT GALAXIES
 SOLAR FLUX DENSITY
 STELLAR MAGNITUDE

LUMPED PARAMETER SYSTEMS
 RT LUMPING
 MATHEMATICAL MODELS
 MATRICES (MATHEMATICS)

LUMPING
 RT AGGLOMERATION
 COAGULATION
 COLLECTION
 COMPOSITION (PROPERTY)
 LUMPED PARAMETER SYSTEMS

LUNA LUNAR PROBES
 USE LUNIK LUNAR PROBES

LUNAR ALBEDO
 GS ALBEDO
 . LUNAR ALBEDO
 RT ABSORPTANCE
 COSMIC RAY ALBEDO
 EARTH ALBEDO
 OPTICAL PROPERTIES
 SURFACE PROPERTIES

LUNAR ATMOSPHERES
 UF LUNAR IONOSPHERE
 GS ENVIRONMENTS
 . EXTRATERRESTRIAL ENVIRONMENTS
 . . LUNAR ENVIRONMENT
 . . . LUNAR ATMOSPHERES
 . . . SATELLITE ATMOSPHERES
 . . . LUNAR ATMOSPHERES
 RT MOON
 PLANETARY ATMOSPHERES

LUNAR BASES
 RT AEPS
 ∞ ASTRONAUTICS
 ∞ BASES
 MOON
 SPACE COLONIES
 STATIONS

LUNAR CINEMATOGRAPHY
 USE LUNAR PHOTOGRAPHY

LUNAR COMMUNICATION
 GS TELECOMMUNICATION
 . SPACE COMMUNICATION
 . . LUNAR COMMUNICATION
 . . . CIRCUMLUNAR COMMUNICATION
 RT FACSIMILE COMMUNICATION
 INTERPLANETARY COMMUNICATION
 LASERS
 MOON
 OPTICAL COMMUNICATION
 RADAR
 RADIO COMMUNICATION
 SPACECRAFT COMMUNICATION

LUNAR COMPOSITION
 GS COMPOSITION (PROPERTY)
 . LUNAR COMPOSITION
 RT MOON
 PRE-IMBRIAN PERIOD
 SELENOLOGY

LUNAR CORE
 GS CORES
 . LUNAR CORE
 SELENOLOGY
 . LUNAR CORE

LUNAR CRATERS
 GS CRATERS
 . LUNAR CRATERS
 . . PTOLEMAEUS CRATER
 . . TYCHO CRATER
 RT METEORITE CRATERS
 MOON
 PRE-IMBRIAN PERIOD
 SELENOGRAPHY
 SELENOLOGY

LUNAR CRUST

GS CRUSTS
 . LUNAR CRUST
 RT EARTH CRUST
 MOON
 SELENOGRAPHY
 SELENOLOGY

LUNAR DUST

GS DUST
 . LUNAR DUST
 SOILS
 . LUNAR SOIL
 . LUNAR DUST
 RT MOON
 SELENOLOGY

LUNAR ECHOES

GS ECHOES
 . LUNAR ECHOES
 . LUNAR RADAR ECHOES
 RT RADIO ECHOES

LUNAR ECLIPSES

GS ECLIPSES
 . LUNAR ECLIPSES
 RT MOON

LUNAR EFFECTS

UF LUNAR PERTURBATION
 GS LUNAR EFFECTS
 . LUNAR GRAVITATIONAL EFFECTS
 . LUNAR TIDES
 RT ∞ EFFECTS
 ORBIT PERTURBATION

LUNAR ENVIRONMENT

GS ENVIRONMENTS.
 . EXTRATERRESTRIAL ENVIRONMENTS
 . LUNAR ENVIRONMENT
 . LUNAR ATMOSPHERES
 RT AEROSPACE ENVIRONMENTS
 BIOASTRONAUTICS
 EXOBIOLOGY
 LIFE SUPPORT SYSTEMS
 MOON
 PLANETARY ENVIRONMENTS
 THERMAL ENVIRONMENTS

LUNAR EQUATOR

GS EQUATORS
 . LUNAR EQUATOR
 RT INFRARED IMAGERY
 RADAR IMAGERY

LUNAR ESCAPE DEVICES

RT ESCAPE CAPSULES
 ESCAPE ROCKETS

LUNAR EVOLUTION

GS EVOLUTION (DEVELOPMENT)
 . LUNAR EVOLUTION
 RT MOON
 PRE-IMBRIAN PERIOD
 SELENOLOGY

LUNAR EXPLORATION

GS EXPLORATION
 . LUNAR EXPLORATION
 RT APOLLO LUNAR EXPERIMENT MODULE
 APOLLO LUNAR SURFACE EXPERIMENTS
 PACKAGE
 APOLLO PROJECT
 APOLLO 5 FLIGHT
 APOLLO 6 FLIGHT
 APOLLO 7 FLIGHT
 APOLLO 8 FLIGHT
 APOLLO 9 FLIGHT
 APOLLO 10 FLIGHT
 APOLLO 11 FLIGHT
 APOLLO 12 FLIGHT
 APOLLO 13 FLIGHT
 APOLLO 14 FLIGHT
 APOLLO 15 FLIGHT
 APOLLO 16 FLIGHT
 APOLLO 17 FLIGHT
 EASEP
 EXTRATERRESTRIAL RESOURCES
 LOCAL SCIENTIFIC SURVEY MODULE
 MOON
 SPACE EXPLORATION

LUNAR EXPLORATION SYSTEM FOR APOLLO

UF LESA (LUNAR EXPLORATION SYSTEM)

LUNAR EXPLORATION SYSTEM FOR-(CONT.)

RT APOLLO PROJECT
 APOLLO 5 FLIGHT
 APOLLO 6 FLIGHT
 APOLLO 7 FLIGHT
 APOLLO 8 FLIGHT
 APOLLO 9 FLIGHT
 APOLLO 10 FLIGHT
 APOLLO 11 FLIGHT
 APOLLO 12 FLIGHT
 APOLLO 13 FLIGHT
 APOLLO 14 FLIGHT
 APOLLO 15 FLIGHT
 APOLLO 16 FLIGHT
 APOLLO 17 FLIGHT

LUNAR FAR SIDE

RT LIBRATION
 MOON

LUNAR FIGURE

RT SELENOLOGY

LUNAR FLIGHT

GS SPACE FLIGHT
 . LUNAR FLIGHT
 RT APOLLO 5 FLIGHT
 APOLLO 6 FLIGHT
 APOLLO 7 FLIGHT
 APOLLO 8 FLIGHT
 APOLLO 9 FLIGHT
 APOLLO 10 FLIGHT
 APOLLO 11 FLIGHT
 APOLLO 12 FLIGHT
 APOLLO 13 FLIGHT
 APOLLO 14 FLIGHT
 APOLLO 15 FLIGHT
 APOLLO 16 FLIGHT
 APOLLO 17 FLIGHT
 CIRCUMLUNAR TRAJECTORIES
 CISELUNAR SPACE
 EARTH-MOON TRAJECTORIES
 ∞ FLIGHT
 FLYBY MISSIONS
 MOON-EARTH TRAJECTORIES
 ORBITS

LUNAR FLYING VEHICLES

RT ∞ FLIGHT VEHICLES
 LIFTING BODIES

LUNAR GEOLOGY

GS GEOLOGY
 . LUNAR GEOLOGY
 RT GEOMORPHOLOGY
 MOON
 MOONQUAKES
 PRE-IMBRIAN PERIOD
 REGOLITH
 SEISMOLOGY
 SELENOLOGY

LUNAR GRAVITATION

GS GRAVITATION
 . LUNAR GRAVITATION
 RT MOON
 PLANETARY GRAVITATION

LUNAR GRAVITATIONAL EFFECTS

GS GRAVITATION
 . LUNAR GRAVITATIONAL EFFECTS
 GRAVITATIONAL EFFECTS
 . LUNAR GRAVITATIONAL EFFECTS
 LUNAR EFFECTS
 . LUNAR GRAVITATIONAL EFFECTS

LUNAR GRAVITY SIMULATOR

GS SIMULATORS
 . ENVIRONMENT SIMULATORS
 . LUNAR GRAVITY SIMULATOR
 RT GRAVITATION

LUNAR IONOSPHERE

USE LUNAR ATMOSPHERES

LUNAR LANDING

GS LANDING
 . SPACECRAFT LANDING
 . LUNAR LANDING
 RT APOLLO LUNAR EXPERIMENT MODULE
 APOLLO 5 FLIGHT
 APOLLO 6 FLIGHT
 APOLLO 7 FLIGHT
 APOLLO 8 FLIGHT

LUNAR LANDING-(CONT.)

APOLLO 9 FLIGHT
 APOLLO 10 FLIGHT
 APOLLO 11 FLIGHT
 APOLLO 12 FLIGHT
 APOLLO 13 FLIGHT
 APOLLO 14 FLIGHT
 APOLLO 15 FLIGHT
 APOLLO 16 FLIGHT
 APOLLO 17 FLIGHT
 CRASH LANDING
 HARD LANDING
 PLANETARY LANDING
 SOFT LANDING
 SURVEYOR PROJECT

LUNAR LANDING MODULES

GS LUNAR SPACECRAFT
 . LUNAR LANDING MODULES
 . LUNAR MODULE
 . LSSM
 MODULES
 . SPACECRAFT MODULES
 . LANDING MODULES
 . LUNAR LANDING MODULES
 . LUNAR MODULE
 . LSSM
 SOFT LANDING SPACECRAFT
 . LANDING MODULES
 . LUNAR LANDING MODULES
 . LUNAR MODULE
 . APOLLO LUNAR EXPERIMENT
 MODULE
 . LSSM
 RT APOLLO EXTENSION SYSTEM
 MANEUVERABLE SPACECRAFT
 MANNED SPACECRAFT
 REUSABLE SPACECRAFT
 UNMANNED SPACECRAFT

LUNAR LANDING SITES

GS SITES
 . LANDING SITES
 . LUNAR LANDING SITES
 RT MOON
 SELENOGRAPHY

LUNAR LAUNCH

GS LAUNCHING
 . ROCKET LAUNCHING
 . LUNAR LAUNCH
 RT APOLLO 5 FLIGHT
 APOLLO 6 FLIGHT
 APOLLO 7 FLIGHT
 APOLLO 8 FLIGHT
 APOLLO 9 FLIGHT
 APOLLO 10 FLIGHT
 APOLLO 11 FLIGHT
 APOLLO 12 FLIGHT
 APOLLO 13 FLIGHT
 APOLLO 14 FLIGHT
 APOLLO 15 FLIGHT
 APOLLO 16 FLIGHT
 APOLLO 17 FLIGHT
 ORBITAL LAUNCHING
 SATURN PROJECT

LUNAR LIMB

RT LIBRATION
 ∞ LIMBS
 MOON
 PLANETARY LIMB

LUNAR LOGISTICS

GS LOGISTICS
 . LUNAR LOGISTICS
 RT LIFE SUPPORT SYSTEMS
 MANNED LUNAR SURFACE VEHICLES
 MATERIALS HANDLING

LUNAR LUMINESCENCE

GS DECAY
 . EMISSION
 . LIGHT EMISSION
 . LUMINESCENCE
 . LUNAR LUMINESCENCE
 RT MOON

LUNAR MAGNETIC FIELDS

GS MAGNETIC FIELDS
 . LUNAR MAGNETIC FIELDS
 RT MOON

LUNAR MANTLE

RT CRUSTS

LUNAR MAPS

LUNAR MANTLE-(CONT.)

EARTH MANTLE
PLANETARY MANTLES
PLANETARY STRUCTURE
REGOLITH
SELENOLOGY

LUNAR MAPS

GS MAPS
RT LUNAR MAPS
ASTRONOMICAL MAPS
MOON
SELENOGRAPHY

LUNAR MARIA

GS MARIA
LUNAR MARIA

LUNAR MOBILE LABORATORIES

UF MOLABS
GS LABORATORIES
LUNAR MOBILE LABORATORIES
SURFACE VEHICLES
LUNAR SURFACE VEHICLES
LUNAR MOBILE LABORATORIES
RT APOLLO PROJECT
MANNED LUNAR SURFACE VEHICLES
SELENOGRAPHY

LUNAR MODULE

UF LEM (LUNAR MODULE)
GS LUNAR SPACECRAFT
LUNAR LANDING MODULES
LUNAR MODULE
LSSM
MANNED SPACECRAFT
LUNAR MODULE
APOLLO LUNAR EXPERIMENT
MODULE
LSSM
LUNAR MODULE 5
LUNAR MODULE 7
MODULES
SPACECRAFT MODULES
LANDING MODULES
LUNAR LANDING MODULES
LUNAR MODULE
APOLLO LUNAR EXPERIMENT
MODULE
LSSM
RT APOLLO SPACECRAFT
APOLLO 5 FLIGHT
APOLLO 6 FLIGHT
APOLLO 7 FLIGHT
APOLLO 8 FLIGHT
APOLLO 9 FLIGHT
APOLLO 10 FLIGHT
APOLLO 11 FLIGHT
APOLLO 12 FLIGHT
APOLLO 13 FLIGHT
APOLLO 14 FLIGHT
APOLLO 15 FLIGHT
APOLLO 16 FLIGHT
APOLLO 17 FLIGHT
ASCENT PROPULSION SYSTEMS

LUNAR MODULE ASCENT STAGE

RT ASCENT
ASCENT TRAJECTORIES
ROCKET ENGINES
STAGE SEPARATION

LUNAR MODULE 5

GS MANNED SPACECRAFT
LUNAR MODULE
LUNAR MODULE 5
RT APOLLO SPACECRAFT

LUNAR MODULE 7

GS MANNED SPACECRAFT
LUNAR MODULE
LUNAR MODULE 7
RT APOLLO SPACECRAFT

LUNAR OBSERVATORIES

GS OBSERVATORIES
LUNAR OBSERVATORIES
RT ASTRONOMICAL OBSERVATORIES

LUNAR OCCULTATION

GS OCCULTATION
LUNAR OCCULTATION
SOLAR ECLIPSES
RT EXOSAT SATELLITE
MOON
STELLAR OCCULTATION

LUNAR ORBIT AND LANDING SIMULATORS

UF LOLA (SIMULATOR)
GS SIMULATORS
LUNAR ORBIT AND LANDING
SIMULATORS
RT FLIGHT SIMULATORS
TRAINING SIMULATORS

LUNAR ORBITAL RENDEZVOUS

UF LOR (RENDEZVOUS)
GS MANEUVERS
ORBITAL RENDEZVOUS
LUNAR ORBITAL RENDEZVOUS
RENDEZVOUS
SPACE RENDEZVOUS
ORBITAL RENDEZVOUS
LUNAR ORBITAL RENDEZVOUS
RT EARTH ORBITAL RENDEZVOUS
ORBITAL MECHANICS
SPACECRAFT TRAJECTORIES

LUNAR ORBITER

GS LUNAR SPACECRAFT
LUNAR SATELLITES
LUNAR ORBITER
LUNAR ORBITER 1
LUNAR ORBITER 2
LUNAR ORBITER 3
LUNAR ORBITER 4
LUNAR ORBITER 5
SATELLITES
ARTIFICIAL SATELLITES
LUNAR SATELLITES
LUNAR ORBITER
LUNAR ORBITER 1
LUNAR ORBITER 2
LUNAR ORBITER 3
LUNAR ORBITER 4
LUNAR ORBITER 5
RT ORBITER PROJECT

LUNAR ORBITER A

USE LUNAR ORBITER 1

LUNAR ORBITER B

USE LUNAR ORBITER 2

LUNAR ORBITER C

USE LUNAR ORBITER 3

LUNAR ORBITER D

USE LUNAR ORBITER 4

LUNAR ORBITER E

USE LUNAR ORBITER 5

LUNAR ORBITER 1

UF LUNAR ORBITER A
GS LUNAR SPACECRAFT
LUNAR SATELLITES
LUNAR ORBITER
LUNAR ORBITER 1
SATELLITES
ARTIFICIAL SATELLITES
LUNAR SATELLITES
LUNAR ORBITER
LUNAR ORBITER 1
RT ORBITER PROJECT

LUNAR ORBITER 2

UF LUNAR ORBITER B
GS LUNAR SPACECRAFT
LUNAR SATELLITES
LUNAR ORBITER
LUNAR ORBITER 2
SATELLITES
ARTIFICIAL SATELLITES
LUNAR SATELLITES
LUNAR ORBITER
LUNAR ORBITER 2
RT ORBITER PROJECT

LUNAR ORBITER 3

UF LUNAR ORBITER C
GS LUNAR SPACECRAFT
LUNAR SATELLITES

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LUNAR ORBITER 3-(CONT.)

LUNAR ORBITER
LUNAR ORBITER 3
SATELLITES
ARTIFICIAL SATELLITES
LUNAR SATELLITES
LUNAR ORBITER
LUNAR ORBITER 3
RT ORBITER PROJECT

LUNAR ORBITER 4

UF LUNAR ORBITER D
GS LUNAR SPACECRAFT
LUNAR SATELLITES
LUNAR ORBITER
LUNAR ORBITER 4
SATELLITES
ARTIFICIAL SATELLITES
LUNAR SATELLITES
LUNAR ORBITER
LUNAR ORBITER 4
RT ORBITER PROJECT

LUNAR ORBITER 5

UF LUNAR ORBITER E
GS LUNAR SPACECRAFT
LUNAR SATELLITES
LUNAR ORBITER
LUNAR ORBITER 5
SATELLITES
ARTIFICIAL SATELLITES
LUNAR SATELLITES
LUNAR ORBITER
LUNAR ORBITER 5
RT ORBITER PROJECT

LUNAR ORBITS

UF EVICTION
GS ORBITS
RT LUNAR ORBITS
ARTIFICIAL SATELLITES
CIRCULAR ORBITS
CIRCUMLUNAR TRAJECTORIES
CISLUNAR SPACE
COMMAND SERVICE MODULES
EARTH ORBITS
EARTH-MOON TRAJECTORIES
ELLIPTICAL ORBITS
EQUATORIAL ORBITS
LISSAJOUS FIGURES
MOON
ORBITAL MECHANICS
PARKING ORBITS
PERILUNES
POLAR ORBITS
SATELLITE ORBITS
SPACECRAFT ORBITS
TRANSFER ORBITS

LUNAR PERTURBATION

USE LUNAR EFFECTS

LUNAR PHASES

RT MOON
PHASES
TERMINATOR LINES

LUNAR PHOTOGRAPHS

GS PHOTOGRAPHS
LUNAR PHOTOGRAPHS
RT ASTRONOMICAL PHOTOGRAPHY
RANGER PROJECT
SPACEBORNE PHOTOGRAPHY

LUNAR PHOTOGRAPHY

UF LUNAR CINEMATOGRAPHY
GS IMAGERY
LUNAR PHOTOGRAPHY
PHOTOGRAPHY
LUNAR PHOTOGRAPHY
RT ASTRONOMICAL PHOTOGRAPHY
BLACK AND WHITE PHOTOGRAPHY
INFRARED PHOTOGRAPHY
MOON
RANGER PROJECT
SPACEBORNE PHOTOGRAPHY

LUNAR PROBES

GS LUNAR SPACECRAFT
LUNAR PROBES
LUNIK LUNAR PROBES
LUNIK 1 LUNAR PROBE
LUNIK 2 LUNAR PROBE
LUNIK 3 LUNAR PROBE
LUNIK 4 LUNAR PROBE

LUNAR PROBES-(CONT.)

... LUNIK 9 LUNAR PROBE
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 ... LUNIK 22 LUNAR PROBE
 ... RANGER LUNAR PROBES
 ... RANGER LUNAR LANDING
 VEHICLES
 ... RANGER 1 LUNAR PROBE
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 ... SURVEYOR LUNAR PROBES
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 ... SURVEYOR 7 LUNAR PROBE
 UNMANNED SPACECRAFT
 . SPACE PROBES
LUNAR PROBES
 ... LUNIK LUNAR PROBES
 ... LUNIK 1 LUNAR PROBE
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 VEHICLES
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 ... SURVEYOR 6 LUNAR PROBE
 ... SURVEYOR 7 LUNAR PROBE

RT

APOLLO PROJECT
 ATLAS ABLE 5 LAUNCH VEHICLE
 MANEUVERABLE SPACECRAFT
 PIONEER PROJECT
 RANGER PROJECT
 SOFT LANDING SPACECRAFT
 SURVEYOR PROJECT

LUNAR PROGRAMS

GS PROGRAMS
 . SPACE PROGRAMS
 . LUNAR PROGRAMS
 ... APOLLO PROJECT
 ... SURVEYOR PROJECT

LUNAR RADAR ECHOES

UF LUNAR SCATTERING
 GS ECHOES
 . LUNAR ECHOES
 . LUNAR RADAR ECHOES
 . RADAR ECHOES
 . LUNAR RADAR ECHOES

LUNAR RADIATION

GS EXTRATERRESTRIAL RADIATION
 . LUNAR RADIATION
 RT ∞ RADIATION

LUNAR RANGEFINDING

GS RANGEFINDING
 . LUNAR RANGEFINDING
 RT DISTANCE MEASURING EQUIPMENT
 LASER RANGE FINDERS
 MEASURING INSTRUMENTS
 OPTICAL RANGE FINDERS
 RANGE FINDERS

LUNAR RAYS

SN (EXCLUDES RADIATION)
 RT METEORITE CRATERS
 MOON
 ∞ RAYS
 SELENOGRAPHY

LUNAR RECEIVING LABORATORY

GS LABORATORIES
 . LUNAR RECEIVING LABORATORY

LUNAR RETROREFLECTORS

RT APOLLO LUNAR SURFACE EXPERIMENTS
 PACKAGE
 EARTH-MOON SYSTEM
 GEODESY
 LASER RANGE FINDERS
 RETROREFLECTION
 U.S.S.R. SPACE PROGRAM

LUNAR ROCKS

GS ROCKS
 . LUNAR ROCKS
 RT IMPACT MELTS
 PARTICLE TRACKS
 PRE-IMBRIAN PERIOD
 REGOLITH
 SELENOGRAPHY
 SELENOLOGY

LUNAR ROTATION

GS ROTATING BODIES
 . LUNAR ROTATION
 RT CENTER OF GRAVITY
 SPIN DYNAMICS

LUNAR ROVING VEHICLES

UF LRV (VEHICLE)
 GS SURFACE VEHICLES
 . LUNAR SURFACE VEHICLES
 . LUNAR ROVING VEHICLES
 ... LUNOKHOD LUNAR ROVING
 VEHICLES
 ... MANNED LUNAR SURFACE
 VEHICLES
 . ROVING VEHICLES
 . LUNAR ROVING VEHICLES
 ... LUNOKHOD LUNAR ROVING
 VEHICLES
 RT PROVING
 RESEARCH VEHICLES
 ∞ VEHICLES

LUNAR SATELLITES

GS LUNAR SPACECRAFT
 . LUNAR SATELLITES
 . LUNAR ORBITER
 ... LUNAR ORBITER 1
 ... LUNAR ORBITER 2
 ... LUNAR ORBITER 3
 ... LUNAR ORBITER 4
 ... LUNAR ORBITER 5
 SATELLITES
 . ARTIFICIAL SATELLITES
 . LUNAR SATELLITES
 ... EXPLORER 18 SATELLITE
 ... EXPLORER 28 SATELLITE
 ... IMP
 ... LUNAR ORBITER
 ... LUNAR ORBITER 1
 ... LUNAR ORBITER 2
 ... LUNAR ORBITER 3
 ... LUNAR ORBITER 4
 ... LUNAR ORBITER 5
 RT MANEUVERABLE SPACECRAFT
 MANNED SPACECRAFT
 PERILUNES
 POLAR ORBITS
 UNMANNED SPACECRAFT

LUNAR SCATTERING

USE DIFFUSE RADIATION
 LUNAR RADAR ECHOES

LUNAR SEISMOGRAPHS

GS MEASURING INSTRUMENTS
 . VIBRATION METERS
 . SEISMOGRAPHS
 ... LUNAR SEISMOGRAPHS
 RECORDING INSTRUMENTS
 SEISMOGRAPHS
 . LUNAR SEISMOGRAPHS

LUNAR SHADOW

GS SHADOWS
 . LUNAR SHADOW
 RT ECLIPSES
 MOON
 SOLAR ECLIPSES

LUNAR SHELTERS

GS SHELTERS
 . LUNAR SHELTERS
 RT INFLATABLE STRUCTURES
 LIFE SUPPORT SYSTEMS
 SPACE COLONIES
 SURVIVAL
 ∞ TUNNELS

LUNAR SOIL

GS SOILS
 . LUNAR SOIL
 . LUNAR DUST
 RT KREEP
 MINERALS
 MOON
 PENETROMETERS

LUNAR SPACECRAFT

GS LUNAR SPACECRAFT
 . APOLLO LUNAR EXPERIMENT MODULE
 . APOLLO SPACECRAFT
 . LUNAR LANDING MODULES
 . LUNAR MODULE
 ... LSSM
 . LUNAR PROBES
 ... LUNIK LUNAR PROBES
 ... LUNIK 1 LUNAR PROBE
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 ... RANGER LUNAR LANDING
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 ... SURVEYOR 7 LUNAR PROBE
 . LUNAR SATELLITES
 . LUNAR ORBITER
 ... LUNAR ORBITER 1
 ... LUNAR ORBITER 2
 ... LUNAR ORBITER 3
 ... LUNAR ORBITER 4
 ... LUNAR ORBITER 5
 RT APOLLO 5 FLIGHT
 APOLLO 6 FLIGHT
 ARTIFICIAL SATELLITES
 HALO ORBIT SPACE STATION
 MANNED SPACECRAFT

LUNAR SURFACE

LUNAR SPACECRAFT-(CONT.)

ORBITING LUNAR STATIONS
RENDEZVOUS SPACECRAFT
SATELLITES
SPACE CAPSULES
SPACECRAFT
SURVEYOR PROJECT
UNMANNED SPACECRAFT

LUNAR SURFACE

RT SELENOLOGY
SURFACE LAYERS
SURFACE PROPERTIES

LUNAR SURFACE SCIENTIFIC MODULES

USE LSSM

LUNAR SURFACE VEHICLES

GS SURFACE VEHICLES
LUNAR SURFACE VEHICLES
LUNAR MOBILE LABORATORIES
LUNAR ROVING VEHICLES
LUNOKHOD LUNAR ROVING
VEHICLES
MANNED LUNAR SURFACE
VEHICLES
RT CRAWLER TRACTORS
WALKING MACHINES

LUNAR TEMPERATURE

GS TEMPERATURE
LUNAR TEMPERATURE
RT HIGH TEMPERATURE ENVIRONMENTS
LOW TEMPERATURE ENVIRONMENTS
MOON

LUNAR TIDES

GS LUNAR EFFECTS
LUNAR TIDES
TIDES
LUNAR TIDES
RT ATMOSPHERIC TIDES
EARTH TIDES
MOONQUAKES

LUNAR TOPOGRAPHY

GS TOPOGRAPHY
LUNAR TOPOGRAPHY
RT MOON
SELENOGRAPHY
SELENOLOGY
SURFACE PROPERTIES
SURFACE ROUGHNESS

LUNAR TRAJECTORIES

GS TRAJECTORIES
SPACECRAFT TRAJECTORIES
LUNAR TRAJECTORIES
CIRCUMLUNAR TRAJECTORIES
EARTH-MOON TRAJECTORIES
MOON-EARTH TRAJECTORIES
RT PARKING ORBITS
TRANSFER ORBITS

LUNATION

USE MONTH

LUNEBERG LENSES

USE RADAR CORNER REFLECTORS

LUNG MORPHOLOGY

GS MORPHOLOGY
LUNG MORPHOLOGY
RT ALVEOLI
PULMONARY LESIONS
RESPIRATORY DISEASES

LUNGS

GS ANATOMY
ORGANS
LUNGS
RESPIRATORY SYSTEM
LUNGS
VISCERA
ORGANS
LUNGS
RT ALVEOLAR AIR
ALVEOLI
ATELECTASIS
BRONCHI
PLEURAE
PNEUMOGRAPHY
PNEUMOTHORAX
PULMONARY CIRCULATION

LUNGS-(CONT.)

PULMONARY FUNCTIONS
PULMONARY LESIONS
SPIROMETERS

LUNIK LUNAR PROBES

UF LUNA LUNAR PROBES
GS LUNAR SPACECRAFT
LUNAR PROBES
LUNIK LUNAR PROBES
LUNIK 1 LUNAR PROBE
LUNIK 2 LUNAR PROBE
LUNIK 3 LUNAR PROBE
LUNIK 4 LUNAR PROBE
LUNIK 9 LUNAR PROBE
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LUNIK 20 LUNAR PROBE
LUNIK 22 LUNAR PROBE
SOVIET SPACECRAFT
LUNIK LUNAR PROBES
LUNIK 1 LUNAR PROBE
LUNIK 2 LUNAR PROBE
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LUNIK 4 LUNAR PROBE
LUNIK 9 LUNAR PROBE
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LUNIK 19 LUNAR PROBE
LUNIK 20 LUNAR PROBE
LUNIK 22 LUNAR PROBE
UNMANNED SPACECRAFT
SPACE PROBES
LUNAR PROBES
LUNIK LUNAR PROBES
LUNIK 1 LUNAR PROBE
LUNIK 2 LUNAR PROBE
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LUNIK 14 LUNAR PROBE
LUNIK 16 LUNAR PROBE
LUNIK 17 LUNAR PROBE
LUNIK 19 LUNAR PROBE
LUNIK 20 LUNAR PROBE
LUNIK 22 LUNAR PROBE
RT LUNOKHOD LUNAR ROVING VEHICLES
U.S.S.R. SPACE PROGRAM

LUNIK 1 LUNAR PROBE

GS LUNAR SPACECRAFT
LUNAR PROBES
LUNIK LUNAR PROBES
LUNIK 1 LUNAR PROBE
SOVIET SPACECRAFT
LUNIK LUNAR PROBES
LUNIK 1 LUNAR PROBE
UNMANNED SPACECRAFT
SPACE PROBES
LUNAR PROBES
LUNIK LUNAR PROBES
LUNIK 1 LUNAR PROBE

LUNIK 2 LUNAR PROBE

GS LUNAR SPACECRAFT
LUNAR PROBES
LUNIK LUNAR PROBES
LUNIK 2 LUNAR PROBE
SOVIET SPACECRAFT
LUNIK LUNAR PROBES
LUNIK 2 LUNAR PROBE
UNMANNED SPACECRAFT
SPACE PROBES
LUNAR PROBES
LUNIK LUNAR PROBES
LUNIK 2 LUNAR PROBE

LUNIK 3 LUNAR PROBE

GS LUNAR SPACECRAFT
LUNAR PROBES

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LUNIK 3 LUNAR PROBE-(CONT.)

LUNIK LUNAR PROBES
LUNIK 3 LUNAR PROBE
SOVIET SPACECRAFT
LUNIK LUNAR PROBES
LUNIK 3 LUNAR PROBE
UNMANNED SPACECRAFT
SPACE PROBES
LUNAR PROBES
LUNIK LUNAR PROBES
LUNIK 3 LUNAR PROBE

LUNIK 4 LUNAR PROBE

GS LUNAR SPACECRAFT
LUNAR PROBES
LUNIK LUNAR PROBES
LUNIK 4 LUNAR PROBE
SOVIET SPACECRAFT
LUNIK LUNAR PROBES
LUNIK 4 LUNAR PROBE
UNMANNED SPACECRAFT
SPACE PROBES
LUNAR PROBES
LUNIK LUNAR PROBES
LUNIK 4 LUNAR PROBE

LUNIK 9 LUNAR PROBE

GS LUNAR SPACECRAFT
LUNAR PROBES
LUNIK LUNAR PROBES
LUNIK 9 LUNAR PROBE
SOVIET SPACECRAFT
LUNIK LUNAR PROBES
LUNIK 9 LUNAR PROBE
UNMANNED SPACECRAFT
SPACE PROBES
LUNAR PROBES
LUNIK LUNAR PROBES
LUNIK 9 LUNAR PROBE

LUNIK 10 LUNAR PROBE

GS LUNAR SPACECRAFT
LUNAR PROBES
LUNIK LUNAR PROBES
LUNIK 10 LUNAR PROBE
SOVIET SPACECRAFT
LUNIK LUNAR PROBES
LUNIK 10 LUNAR PROBE
UNMANNED SPACECRAFT
SPACE PROBES
LUNAR PROBES
LUNIK LUNAR PROBES
LUNIK 10 LUNAR PROBE

LUNIK 11 LUNAR PROBE

GS LUNAR SPACECRAFT
LUNAR PROBES
LUNIK LUNAR PROBES
LUNIK 11 LUNAR PROBE
SOVIET SPACECRAFT
LUNIK LUNAR PROBES
LUNIK 11 LUNAR PROBE
UNMANNED SPACECRAFT
SPACE PROBES
LUNAR PROBES
LUNIK LUNAR PROBES
LUNIK 11 LUNAR PROBE

LUNIK 12 LUNAR PROBE

GS LUNAR SPACECRAFT
LUNAR PROBES
LUNIK LUNAR PROBES
LUNIK 12 LUNAR PROBE
SOVIET SPACECRAFT
LUNIK LUNAR PROBES
LUNIK 12 LUNAR PROBE
UNMANNED SPACECRAFT
SPACE PROBES
LUNAR PROBES
LUNIK LUNAR PROBES
LUNIK 12 LUNAR PROBE

LUNIK 13 LUNAR PROBE

GS LUNAR SPACECRAFT
LUNAR PROBES
LUNIK LUNAR PROBES
LUNIK 13 LUNAR PROBE
SOVIET SPACECRAFT
LUNIK LUNAR PROBES
LUNIK 13 LUNAR PROBE
UNMANNED SPACECRAFT
SPACE PROBES
LUNAR PROBES
LUNIK LUNAR PROBES
LUNIK 13 LUNAR PROBE

LUNIK 14 LUNAR PROBE

GS LUNAR SPACECRAFT
 . LUNAR PROBES
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 SOVIET SPACECRAFT
 . LUNIK LUNAR PROBES
 . . **LUNIK 14 LUNAR PROBE**
 UNMANNED SPACECRAFT
 . SPACE PROBES
 . . LUNAR PROBES
 . . . LUNIK LUNAR PROBES
 **LUNIK 14 LUNAR PROBE**

LUNIK 16 LUNAR PROBE

GS LUNAR SPACECRAFT
 . LUNAR PROBES
 . . LUNIK LUNAR PROBES
 . . . **LUNIK 16 LUNAR PROBE**
 SOVIET SPACECRAFT
 . LUNIK LUNAR PROBES
 . . **LUNIK 16 LUNAR PROBE**
 UNMANNED SPACECRAFT
 . SPACE PROBES
 . . LUNAR PROBES
 . . . LUNIK LUNAR PROBES
 **LUNIK 16 LUNAR PROBE**

LUNIK 17 LUNAR PROBE

GS LUNAR SPACECRAFT
 . LUNAR PROBES
 . . LUNIK LUNAR PROBES
 . . . **LUNIK 17 LUNAR PROBE**
 SOVIET SPACECRAFT
 . LUNIK LUNAR PROBES
 . . **LUNIK 17 LUNAR PROBE**
 UNMANNED SPACECRAFT
 . SPACE PROBES
 . . LUNAR PROBES
 . . . LUNIK LUNAR PROBES
 **LUNIK 17 LUNAR PROBE**

LUNIK 19 LUNAR PROBE

GS LUNAR SPACECRAFT
 . LUNAR PROBES
 . . LUNIK LUNAR PROBES
 . . . **LUNIK 19 LUNAR PROBE**
 SOVIET SPACECRAFT
 . LUNIK LUNAR PROBES
 . . **LUNIK 19 LUNAR PROBE**
 UNMANNED SPACECRAFT
 . SPACE PROBES
 . . LUNAR PROBES
 . . . LUNIK LUNAR PROBES
 **LUNIK 19 LUNAR PROBE**
 RT U.S.S.R. SPACE PROGRAM

LUNIK 20 LUNAR PROBE

GS LUNAR SPACECRAFT
 . LUNAR PROBES
 . . LUNIK LUNAR PROBES
 . . . **LUNIK 20 LUNAR PROBE**
 SOVIET SPACECRAFT
 . LUNIK LUNAR PROBES
 . . **LUNIK 20 LUNAR PROBE**
 UNMANNED SPACECRAFT
 . SPACE PROBES
 . . LUNAR PROBES
 . . . LUNIK LUNAR PROBES
 **LUNIK 20 LUNAR PROBE**

LUNIK 22 LUNAR PROBE

GS LUNAR SPACECRAFT
 . LUNAR PROBES
 . . LUNIK LUNAR PROBES
 . . . **LUNIK 22 LUNAR PROBE**
 SOVIET SPACECRAFT
 . LUNIK LUNAR PROBES
 . . **LUNIK 22 LUNAR PROBE**
 UNMANNED SPACECRAFT
 . SPACE PROBES
 . . LUNAR PROBES
 . . . LUNIK LUNAR PROBES
 **LUNIK 22 LUNAR PROBE**
 RT U.S.S.R. SPACE PROGRAM

LUNOKHOD LUNAR ROVING VEHICLES

GS SURFACE VEHICLES
 . LUNAR SURFACE VEHICLES
 . . LUNAR ROVING VEHICLES
 . . . **LUNOKHOD LUNAR ROVING VEHICLES**
 . ROVING VEHICLES
 . . LUNAR ROVING VEHICLES

LUNOKHOD LUNAR ROVING VEHICLES-(CONT.)

. . . **LUNOKHOD LUNAR ROVING VEHICLES**
 RT LUNIK LUNAR PROBES
 U.S.S.R. SPACE PROGRAM
 ∞ VEHICLES
 LUSTER
 UF DULLNESS
 RT BRIGHTNESS
 FINISHES
 GLARE
 REFLECTANCE

LUTETIUM

GS CHEMICAL ELEMENTS
 . NUCLIDES
 . . ISOTOPES
 . . . **LUTETIUM**
 LUTETIUM ISOTOPES
 . RARE EARTH ELEMENTS
 . . **LUTETIUM**
 . . . LUTETIUM ISOTOPES
 METALS
 . RARE EARTH ELEMENTS
 . . **LUTETIUM**
 . . . LUTETIUM ISOTOPES

LUTETIUM COMPOUNDS

GS RARE EARTH COMPOUNDS
 . **LUTETIUM COMPOUNDS**
 RT ∞ METAL COMPOUNDS

LUTETIUM ISOTOPES

UF LUTETIUM 176
 GS CHEMICAL ELEMENTS
 . NUCLIDES
 . . ISOTOPES
 . . . **LUTETIUM**
 **LUTETIUM ISOTOPES**
 . RARE EARTH ELEMENTS
 . . **LUTETIUM**
 . . . **LUTETIUM ISOTOPES**
 METALS
 . RARE EARTH ELEMENTS
 . . **LUTETIUM**
 . . . **LUTETIUM ISOTOPES**

LUTETIUM 176

USE LUTETIUM ISOTOPES

LUXEMBOURG

RT EUROPE
 NATIONS

LUXEMBOURG EFFECT

RT IONOSPHERIC CROSS MODULATION
 IONOSPHERIC PROPAGATION

LYAPUNOV FUNCTIONS

USE LIAPUNOV FUNCTIONS

LYMAN ALPHA RADIATION

GS ELECTROMAGNETIC RADIATION
 ULTRAVIOLET RADIATION
 . FAR ULTRAVIOLET RADIATION
 . . **LYMAN ALPHA RADIATION**
 IONIZING RADIATION
 . ULTRAVIOLET RADIATION
 . . FAR ULTRAVIOLET RADIATION
 . . . **LYMAN ALPHA RADIATION**
 RT ATOMIC SPECTRA
 EXTRATERRESTRIAL RADIATION
 POLARIZED ELECTROMAGNETIC RADIATION
 ULTRAVIOLET ASTRONOMY

LYMAN BETA RADIATION

GS ELECTROMAGNETIC RADIATION
 . ULTRAVIOLET RADIATION
 . . FAR ULTRAVIOLET RADIATION
 . . . **LYMAN BETA RADIATION**
 IONIZING RADIATION
 . ULTRAVIOLET RADIATION
 . . FAR ULTRAVIOLET RADIATION
 . . . **LYMAN BETA RADIATION**
 RT ATOMIC SPECTRA
 EXTRATERRESTRIAL RADIATION
 POLARIZED ELECTROMAGNETIC RADIATION
 ULTRAVIOLET ASTRONOMY

LYMAN SPECTRA

GS SPECTRA

LYMAN SPECTRA-(CONT.)

. RADIATION SPECTRA
 . . ELECTROMAGNETIC SPECTRA
 . . . LINE SPECTRA
 **LYMAN SPECTRA**
 RT ATOMIC SPECTRA
 ELECTRONIC SPECTRA
 EMISSION SPECTRA
 H LINES
 SOLAR SPECTRA
 SPECTRAL THEORY
 ULTRAVIOLET SPECTRA

LYMPH

GS BODY FLUIDS
 . **LYMPH**
 . . LYMPHOCYTES
 RT CORPUSCLES

LYMPHOCYTES

GS ANATOMY
 . CARDIOVASCULAR SYSTEM
 . . LEUKOCYTES
 . . . **LYMPHOCYTES**
 BODY FLUIDS
 . BLOOD
 . . LEUKOCYTES
 . . . **LYMPHOCYTES**
 . LYMPH
 . . **LYMPHOCYTES**
 CELLS (BIOLOGY)
 . LEUKOCYTES
 . . **LYMPHOCYTES**
 RT CORPUSCLES

LYOPHILIZATION

USE COLLOIDING

LYOPHILS

USE COLLOIDS

LYRAE CONSTELLATION

GS CONSTELLATIONS
 . **LYRAE CONSTELLATION**
 RT CELESTIAL BODIES
 CELESTIAL SPHERE
 STARS

LYSERGAMIDE

GS NITROGEN COMPOUNDS
 . AMIDES
 . . **LYSERGAMIDE**
 RT DRUGS

LYSERGINE

GS HETEROCYCLIC COMPOUNDS
 . ALKALOIDS
 . . **LYSERGINE**
 NITROGEN COMPOUNDS
 . ALKALOIDS
 . . **LYSERGINE**

LYSIMETERS

RT GROUND WATER
 MOISTURE CONTENT
 PERCOLATION
 SOIL MOISTURE
 SOILS
 WATER BALANCE
 WATER POLLUTION

LYSINE

GS ACIDS
 . AMINO ACIDS
 . . **LYSINE**
 ORGANIC COMPOUNDS
 . AMINO ACIDS
 . . **LYSINE**
 RT DIGESTING
 LYSOGENESIS

LYSOGENESIS

RT DISINTEGRATION
 LYSINE

LYSOZYME

GS ENZYMES
 . **LYSOZYME**
 RT BODY FLUIDS

LZEEBE SATELLITE

LZEEBE SATELLITE
 UF EARTH ENERGY BUDGET EXPERIMENT
 LONG TERM ZONAL EARTH ENERGY
 EXPERIMENT
 ZONAL EARTH ENERGY BUDGET
 EXPERIMENT
 GS SATELLITES
 . ARTIFICIAL SATELLITES
 . . LZEEBE SATELLITE
 . EARTH SATELLITES
 . . LZEEBE SATELLITE
 . SCIENTIFIC SATELLITES
 . . LZEEBE SATELLITE

M

M REGION

GS REGIONS
 . M REGION
 GEOMAGNETISM
 SOLAR ATMOSPHERE
 SOLAR CORPUSCULAR RADIATION
 SOLAR WIND

M STARS

GS CELESTIAL BODIES
 . STARS
 . . M STARS
 . . . FLARE STARS
 . . . GIANT STARS
 . . . MAIN SEQUENCE STARS
 . . . RED GIANT STARS
 . . . S STARS
 . . . SUBGIANT STARS
 . . . SUPERGIANT STARS

M WINGS

USE VARIABLE SWEEP WINGS

M-1 ENGINE

UF AJ-1000 ENGINE
 GS ENGINES
 . ROCKET ENGINES
 . . BOOSTER ROCKET ENGINES
 . . . M-1 ENGINE
 . . . LIQUID PROPELLANT ROCKET
 ENGINES
 . . . HYDROGEN OXYGEN ENGINES
 M-1 ENGINE
 RT JUNO 5 LAUNCH VEHICLE
 NOVA LAUNCH VEHICLES
 SATURN 1 LAUNCH VEHICLES
 SATURN 1B LAUNCH VEHICLES

M-2 LIFTING BODY

GS LIFTING BODIES
 . LIFTING REENTRY VEHICLES
 . . M-2 LIFTING BODY
 . . . M-2F2 LIFTING BODY
 MANEUVERABLE SPACECRAFT
 . LIFTING REENTRY VEHICLES
 . . M-2 LIFTING BODY
 . . . M-2F2 LIFTING BODY
 REENTRY VEHICLES
 . LIFTING REENTRY VEHICLES
 . . M-2 LIFTING BODY
 . . . M-2F2 LIFTING BODY

M-2F2 LIFTING BODY

GS HYPERSONIC VEHICLES
 . LIFTING REENTRY VEHICLES
 . . M-2F2 LIFTING BODY
 LIFTING BODIES
 . LIFTING REENTRY VEHICLES
 . . M-2 LIFTING BODY
 . . . M-2F2 LIFTING BODY
 MANEUVERABLE SPACECRAFT
 . LIFTING REENTRY VEHICLES
 . . M-2 LIFTING BODY
 . . . M-2F2 LIFTING BODY
 REENTRY VEHICLES
 . LIFTING REENTRY VEHICLES
 . . M-2 LIFTING BODY
 . . . M-2F2 LIFTING BODY

M-2F3 LIFTING BODY

GS LIFTING BODIES
 . M-2F3 LIFTING BODY

M-46 ENGINE

GS ENGINES

M-46 ENGINE-(CONT.)

. ROCKET ENGINES
 . . SOLID PROPELLANT ROCKET
 ENGINES
 . . . M-46 ENGINE
 RT FALCON MISSILE

M-55 ENGINE

GS ENGINES
 . ROCKET ENGINES
 . . BOOSTER ROCKET ENGINES
 . . . M-55 ENGINE
 . . . SOLID PROPELLANT ROCKET
 ENGINES
 M-55 ENGINE
 RT MINUTEMAN ICBM

M-56 ENGINE

GS ENGINES
 . ROCKET ENGINES
 . . SOLID PROPELLANT ROCKET
 ENGINES
 . . . M-56 ENGINE
 RT MINUTEMAN ICBM

M-57 ENGINE

GS ENGINES
 . ROCKET ENGINES
 . . SOLID PROPELLANT ROCKET
 ENGINES
 . . . M-57 ENGINE
 RT MINUTEMAN ICBM

M-100 ENGINE

GS ENGINES
 . ROCKET ENGINES
 . . M-100 ENGINE

M-218 AIRCRAFT

UF BEAGLE MILES M-218 AIRCRAFT
 GS BEAGLE AIRCRAFT
 . M-218 AIRCRAFT
 GENERAL AVIATION AIRCRAFT
 . . M-218 AIRCRAFT
 LIGHT AIRCRAFT
 . . M-218 AIRCRAFT
 MONOPLANES
 . . M-218 AIRCRAFT
 PASSENGER AIRCRAFT

MA-2 ENGINE

GS ENGINES
 . ROCKET ENGINES
 . . BOOSTER ROCKET ENGINES
 . . . MA-2 ENGINE
 . . . LIQUID PROPELLANT ROCKET
 ENGINES
 MA-2 ENGINE
 RT ATLAS ICBM
 VERNIER ENGINES

MA-2 MISSION

USE MERCURY MA-2 FLIGHT

MA-3 ENGINE

GS ENGINES
 . ROCKET ENGINES
 . . BOOSTER ROCKET ENGINES
 . . . MA-3 ENGINE
 . . . LIQUID PROPELLANT ROCKET
 ENGINES
 MA-3 ENGINE
 RT ATLAS ICBM
 VERNIER ENGINES

MA-3 FLIGHT

USE MERCURY MA-3 FLIGHT

MA-4 FLIGHT

USE MERCURY MA-4 FLIGHT

MA-5 ENGINE

GS ENGINES
 . ROCKET ENGINES
 . . BOOSTER ROCKET ENGINES
 . . . MA-5 ENGINE
 . . . LIQUID PROPELLANT ROCKET
 ENGINES
 MA-5 ENGINE
 RT ATLAS LAUNCH VEHICLES
 ATLAS SLV-3 LAUNCH VEHICLE
 VERNIER ENGINES

NASA THESAURUS (VOLUME 1)

MA-5 FLIGHT

USE MERCURY MA-5 FLIGHT

MA-8 FLIGHT

USE MERCURY MA-8 FLIGHT

MA-9 FLIGHT

USE MERCURY MA-9 FLIGHT

MAARS

USE CRATERS

MACE MISSILES

GS MISSILES
 . SURFACE TO SURFACE MISSILES
 . . MACE MISSILES
 BOOSTER ROCKET ENGINES
 J-33 ENGINE
 SOLID PROPELLANT ROCKET ENGINES
 TURBOJET ENGINES

MACH CONES

GS ELASTIC WAVES
 . SHOCK WAVES
 . . MACH CONES
 RT ACOUSTIC VELOCITY
 BOW WAVES
 CONES
 HYPERSONIC SHOCK
 SOUND WAVES
 SUPERSONIC FLIGHT
 SUPERSONIC FLOW
 SUPERSONICS

MACH INERTIA PRINCIPLE

GS INERTIA
 . INERTIA PRINCIPLE
 . . MACH INERTIA PRINCIPLE
 RT EQUATIONS OF MOTION
 MOMENTS OF INERTIA

MACH NUMBER

UF CRITICAL MACH NUMBER
 GLAUERT COEFFICIENT
 RATIOS
 GS . DIMENSIONLESS NUMBERS
 . . MACH NUMBER
 RT ACOUSTIC VELOCITY
 AERODYNAMICS
 AIRSPEED
 SHOCK WAVES
 SUPERHARMONICS
 SWEEP ANGLE

MACH REFLECTION

GS REFLECTION
 . WAVE REFLECTION
 . . MACH REFLECTION
 RT SHOCK WAVES

MACH-ZEHNDER INTERFEROMETERS

GS MEASURING INSTRUMENTS
 . INTERFEROMETERS
 . . MACH-ZEHNDER INTERFEROMETERS
 RT AERODYNAMICS
 ARGON LASERS
 CARBON DIOXIDE LASERS
 DIFFRACTOMETERS
 GAS LASERS
 GONIOMETERS
 OPTICAL EQUIPMENT
 OPTICAL MEASURING INSTRUMENTS
 SCHLIEREN PHOTOGRAPHY

MACHINE LEARNING

USE LEARNING MACHINES

MACHINE LIFE

USE SERVICE LIFE

MACHINE ORIENTED LANGUAGES

GS LANGUAGES
 . PROGRAMMING LANGUAGES
 . . MACHINE ORIENTED LANGUAGES
 . . . MARVS (PROGRAMMING
 LANGUAGE)
 . . . SLEUTH (PROGRAMMING
 LANGUAGE)
 RT ALGOL
 ASSEMBLY LANGUAGE
 AUTOCODERS
 LANGUAGE PROGRAMMING
 PL/1

MACHINE RECOGNITION

USE ARTIFICIAL INTELLIGENCE

MACHINE STORAGEUSE COMPUTER STORAGE DEVICES
CORE STORAGE**MACHINE TOOLS**

GS TOOLS
 . MACHINE TOOLS
 . GRINDING MACHINES
 . LATHES
 . . . TURRET LATHES
 . MILLING MACHINES
 . SHAPERS
 RT CUTTERS
 DIES
 DRILLS
 ∞ MACHINERY
 MACHINING
 MANDRELS
 MECHANICAL DEVICES
 MECHANICAL ENGINEERING
 METAL CUTTING
 NUMERICAL CONTROL
 PRESSES
 PUNCHES
 SAWS
 SHEARS
 TAPS
 ULTRASONIC CLEANING

MACHINE TRANSLATION

GS LINGUISTICS
 . MACHINE TRANSLATION
 TRANSLATING
 . MACHINE TRANSLATION
 RT COMPUTER PROGRAMS
 INFORMATION THEORY
 LANGUAGE PROGRAMMING
 LANGUAGES

MACHINE-INDEPENDENT PROGRAMS

GS COMPUTER PROGRAMS
 . MACHINE-INDEPENDENT PROGRAMS
 PROGRAMS
 . MACHINE-INDEPENDENT PROGRAMS
 RT COMPUTER PROGRAMMING
 COMPUTERS
 MULTIPROGRAMMING

∞ MACHINERY

SN *(USE OF A MORE SPECIFIC TERM IS
 RECOMMENDED--CONSULT THE TERMS
 LISTED BELOW)*
 RT COMPUTERS
 DRAFTING MACHINES
 ENGINES
 FATIGUE TESTING MACHINES
 LEARNING MACHINES
 LEVERS
 MACHINE TOOLS
 MECHANICAL ENGINEERING
 ∞ MECHANISM
 MECHANIZATION
 REFRIGERATING MACHINERY
 SELF FOCUSING
 TEACHING MACHINES
 TIDE POWERED MACHINES
 TOOLS
 TURBOMACHINERY
 TURING MACHINES
 WALKING MACHINES
 WATERWAVE POWERED MACHINES
 WELDING MACHINES

MACHINING

UF MATERIAL REMOVAL (MACHINING)
 GS MACHINING
 . CHEMICAL MACHINING
 . ELECTROCHEMICAL MACHINING
 . HOT MACHINING
 . MILLING (MACHINING)
 . SPARK MACHINING
 . ULTRASONIC MACHINING
 RT ∞ CUT-OFF
 CUTTING
 DRILLING
 FINISHES
 FORMING TECHNIQUES
 GRINDING (MATERIAL REMOVAL)
 GROOVING
 KNURLING
 LASER CUTTING
 MACHINE TOOLS

MACHINING-(CONT.)

METAL CUTTING
 METAL WORKING
 PLANING
 RESIDUAL STRESS
 SETUPS
 SURFACE FINISHING
 SURFACE ROUGHNESS
 TOOLING
 V GROOVES

MACLAURIN SERIES

UF MCLAURIN SERIES
 GS ANALYSIS (MATHEMATICS)
 . CALCULUS
 . . SERIES (MATHEMATICS)
 . . . POWER SERIES
 TAYLOR SERIES
 MACLAURIN SERIES
 . REAL VARIABLES
 . . SERIES (MATHEMATICS)
 . . . POWER SERIES
 TAYLOR SERIES
 MACLAURIN SERIES

MACROCLIMATE

USE CLIMATE

MACROMOLECULES

USE MOLECULES

MACROPHAGES

GS CELLS (BIOLOGY)
 . MACROPHAGES
 RT TISSUES (BIOLOGY)

MACROSCOPIC EQUATIONS

RT ∞ EQUATIONS
 ∞ MEASUREMENT
 ∞ PROPERTIES
 STATISTICAL MECHANICS

MACULAR VISION

USE VISION

MAFFEI GALAXIES

GS CELESTIAL BODIES
 . GALAXIES
 . . MAFFEI GALAXIES
 RT NEBULAE
 RADIO ASTRONOMY
 RADIO GALAXIES
 RADIO SOURCES (ASTRONOMY)
 SPIRAL GALAXIES

MAGAZINES (SUPPLY CHAMBERS)

RT AMMUNITION
 PHOTOGRAPHIC FILM
 SPOOLS

MAGDALENA-CAUCA VALLEY (COLOMBIA)

GS LANDFORMS
 . MAGDALENA-CAUCA VALLEY
 (COLOMBIA)
 VALLEYS
 . MAGDALENA-CAUCA VALLEY
 (COLOMBIA)
 RT COLOMBIA
 SOUTH AMERICA

MAGELLANIC CLOUDS

GS CLOUDS
 . MAGELLANIC CLOUDS
 RT NEBULAE
 ORION NEBULA
 STAR CLUSTERS
 STARS

MAGIC TEES

RT DUPLEXERS

MAGMA

RT IGNEOUS ROCKS
 LAVA
 REGOLITH
 ROCKS
 SOILS

MAGNESIUM

GS CHEMICAL ELEMENTS
 . MAGNESIUM
 . . MAGNESIUM ISOTOPES
 METALS
 . MAGNESIUM

MAGNESIUM-(CONT.)

. . . MAGNESIUM ISOTOPES

MAGNESIUM ALLOYS

GS ALLOYS
 . LIGHT ALLOYS
 . . MAGNESIUM ALLOYS

MAGNESIUM BROMIDES

GS HALOGEN COMPOUNDS
 . BROMINE COMPOUNDS
 . . BROMIDES
 . . . MAGNESIUM BROMIDES
 . HALIDES
 . BROMIDES
 . . . MAGNESIUM BROMIDES
 . METAL HALIDES
 . . . MAGNESIUM BROMIDES
 MAGNESIUM COMPOUNDS
 . MAGNESIUM BROMIDES

MAGNESIUM CELLS

GS ELECTRIC GENERATORS
 . DIRECT POWER GENERATORS
 . . PRIMARY BATTERIES
 . . . DRY CELLS
 MAGNESIUM CELLS
 ELECTROCHEMICAL CELLS
 . ELECTRIC BATTERIES
 . . PRIMARY BATTERIES
 . . . DRY CELLS
 MAGNESIUM CELLS
 RT CHEMICAL AUXILIARY POWER UNITS
 ELECTROLYTIC POLARIZATION

MAGNESIUM CHLORIDES

GS HALOGEN COMPOUNDS
 . CHLORINE COMPOUNDS
 . . CHLORIDES
 . . . MAGNESIUM CHLORIDES
 . HALIDES
 . . CHLORIDES
 . . . MAGNESIUM CHLORIDES
 MAGNESIUM COMPOUNDS
 . MAGNESIUM CHLORIDES

MAGNESIUM COMPOUNDS

GS MAGNESIUM COMPOUNDS
 . AKERMANITE
 . BRUCITE
 . CHLOROPHYLLS
 . CORDERITE
 . DOLOMITE (MINERAL)
 . ENSTATITE
 . FORSTERITE
 . GEHLENITE
 . MAGNESIUM BROMIDES
 . MAGNESIUM CHLORIDES
 . MAGNESIUM FLUORIDES
 . MAGNESIUM GERMANATES
 . MAGNESIUM GERMANIDES
 . MAGNESIUM OXIDES
 . PERICLASE
 . MAGNESIUM PERCHLORATES
 . MAGNESIUM SULFATES
 . HEXAHEDRITE
 . MAGNESIUM TITANATES
 . MERWINITE
 . MONTICELLITE
 . NORBERGITE
 . TALC
 RT ∞ ALKALINE EARTH COMPOUNDS
 ∞ METAL COMPOUNDS

MAGNESIUM FLUORIDES

GS HALOGEN COMPOUNDS
 . FLUORINE COMPOUNDS
 . . FLUORIDES
 . . . METAL FLUORIDES
 MAGNESIUM FLUORIDES
 . HALIDES
 . . METAL HALIDES
 . . . MAGNESIUM FLUORIDES
 MAGNESIUM COMPOUNDS
 . MAGNESIUM FLUORIDES

MAGNESIUM GERMANATES

GS GERMANIUM COMPOUNDS
 . GERMANATES
 . . MAGNESIUM GERMANATES
 MAGNESIUM COMPOUNDS
 . MAGNESIUM GERMANATES

MAGNESIUM GERMANIDES

GS GERMANIUM COMPOUNDS

MAGNESIUM ISOTOPES

MAGNESIUM GERMANIDES-(CONT.)

- . GERMANIDES
- . MAGNESIUM GERMANIDES
- MAGNESIUM COMPOUNDS
- . MAGNESIUM GERMANIDES

MAGNESIUM ISOTOPES

- GS CHEMICAL ELEMENTS
- . MAGNESIUM
- . MAGNESIUM ISOTOPES
- METALS
- . MAGNESIUM
- . MAGNESIUM ISOTOPES

MAGNESIUM OXIDES

- GS CHALCOGENIDES
- . OXIDES
- . METAL OXIDES
- . . . ALKALINE EARTH OXIDES
- MAGNESIUM OXIDES
- PERICLASE
- MAGNESIUM COMPOUNDS
- . MAGNESIUM OXIDES
- . PERICLASE

MAGNESIUM PERCHLORATES

- GS HALOGEN COMPOUNDS
- . CHLORINE COMPOUNDS
- . PERCHLORATES
- . . . MAGNESIUM PERCHLORATES
- MAGNESIUM COMPOUNDS
- . MAGNESIUM PERCHLORATES

MAGNESIUM SULFATES

- GS MAGNESIUM COMPOUNDS
- . MAGNESIUM SULFATES
- . . . HEXAHEDRITE
- SULFUR COMPOUNDS
- . SULFATES
- . . . MAGNESIUM SULFATES
- HEXAHEDRITE
- RT BLOEDITE

MAGNESIUM TITANATES

- GS MAGNESIUM COMPOUNDS
- . MAGNESIUM TITANATES
- TITANIUM COMPOUNDS
- . TITANATES
- . . . MAGNESIUM TITANATES

MAGNESYN (TRADEMARK)

- USE SERVOMOTORS

MAGNET COILS

- GS MAGNET COILS
- . FIELD COILS
- RT ∞ COILS
- ELECTROMAGNETISM
- ELECTROMAGNETS
- INDUCTORS
- MAGNETIC CIRCUITS
- MAGNETIC CORES
- MAGNETS
- SATURABLE REACTORS
- SOLENOIDS
- SUPERCONDUCTING MAGNETS
- TOROIDS
- TRANSFORMERS
- WIRE WINDING
- YOKES

MAGNETIC ABSORPTION

- USE ELECTROMAGNETIC ABSORPTION

MAGNETIC AMPLIFIERS

- GS AMPLIFIERS
- . MAGNETIC AMPLIFIERS
- RT MAGNETOSTATIC AMPLIFIERS
- NONLINEARITY
- POWER AMPLIFIERS
- SATURABLE REACTORS
- VOLTAGE AMPLIFIERS

MAGNETIC ANNULAR ARC

- RT ∞ ARCS
- CURRENT DISTRIBUTION
- PLASMA ACCELERATORS
- PLASMA CONTROL
- PLASMA PROPULSION

MAGNETIC ANNULAR SHOCK TUBES

- UF MAST SHOCK TUBES
- GS SHOCK WAVE GENERATORS
- . SHOCK TUBES

MAGNETIC ANNULAR SHOCK TUBES-(CONT.)

- . MAGNETIC ANNULAR SHOCK TUBES

MAGNETIC ANOMALIES

- UF GEOMAGNETIC ANOMALIES
- GS ANOMALIES
- . MAGNETIC ANOMALIES
- . . . GEOMAGNETIC HOLLOW
- RT GEOMAGNETISM
- NONUNIFORM MAGNETIC FIELDS

MAGNETIC CHARGE DENSITY

- UF SCALAR MAGNETIC CHARGE
- GS DIVERGENCE
- . MAGNETIC CHARGE DENSITY
- RT ∞ CHARGING
- CONSTITUTIVE EQUATIONS
- MAXWELL EQUATION

MAGNETIC CIRCUITS

- GS CIRCUITS
- . MAGNETIC CIRCUITS
- RT FLUX (RATE)
- LINE OF FORCE
- MAGNET COILS
- ∞ NETWORKS
- SATURABLE REACTORS
- TRANSFORMERS

MAGNETIC COILS

- GS ELECTRIC COILS
- . MAGNETIC COILS
- RT ∞ COILS
- ELECTROMAGNETIC HAMMERS
- ELECTROMAGNETISM
- FLUX PUMPS

MAGNETIC COMPASSES

- GS AIRCRAFT INSTRUMENTS
- . COMPASSES
- . . . MAGNETIC COMPASSES
- NAVIGATION AIDS
- . NAVIGATION INSTRUMENTS
- . . . COMPASSES
- MAGNETIC COMPASSES
- RT GYROCOMPASSES
- SOLAR COMPASSES

MAGNETIC COMPRESSION

- RT COMPRESSING
- CONFINEMENT
- PLASMA CONTROL
- PLASMAS (PHYSICS)

MAGNETIC CONTROL

- RT ATTITUDE CONTROL
- ∞ CONTROL

MAGNETIC COOLING

- GS COOLING
- . MAGNETIC COOLING
- RT ABSORPTION COOLING
- ADIABATIC DEMAGNETIZATION COOLING
- LOW TEMPERATURE
- LOW TEMPERATURE ENVIRONMENTS
- REFRIGERATING

MAGNETIC CORES

- GS CORES
- . MAGNETIC CORES
- RT BUBBLE MEMORY DEVICES
- ELECTRIC COILS
- FERRITES
- FERROMAGNETISM
- LAMINATES
- MAGNET COILS
- MAGNETS
- PARAMETRONS
- SATURABLE REACTORS
- TOROIDS
- TRANSFORMERS

MAGNETIC DIFFUSION

- SN (DIFFUSION VIA A MAGNETIC FIELD)
- GS DIFFUSION
- . MAGNETIC DIFFUSION
- RT FIELD STRENGTH

MAGNETIC DIPOLES

- RT ∞ DIPOLES
- ELECTRIC DIPOLES
- ∞ PHYSICAL PROPERTIES
- ∞ POLES

NASA THESAURUS (VOLUME 1)

MAGNETIC DISKS

- GS MAGNETIC STORAGE
- . MAGNETIC DISKS
- RT CORE STORAGE
- ∞ DISKS
- VIDEO DISKS

MAGNETIC DISPERSION

- RT ∞ DISPERSION
- ELECTROMAGNETIC SCATTERING
- FERROMAGNETISM
- MAGNETIZATION
- WAVE SCATTERING

MAGNETIC DISTURBANCES

- GS MAGNETIC DISTURBANCES
- . MAGNETIC STORMS
- RT AURORAS
- ∞ DISTURBANCES
- GEOMAGNETISM
- KP INDEX
- NONADIABATIC THEORY
- SOLAR ACTIVITY
- SOLAR ACTIVITY EFFECTS
- SOLAR FLARES
- SOLAR TERRESTRIAL INTERACTIONS
- SOLAR WIND VELOCITY
- STARSPOTS
- SUDDEN IONOSPHERIC DISTURBANCES
- SUDDEN STORM COMMENCEMENTS
- SUNSPOTS

MAGNETIC DOMAINS

- GS DOMAINS
- . MAGNETIC DOMAINS
- RT BUBBLE MEMORY DEVICES
- BUBBLE TECHNIQUE
- DIPOLE MOMENTS
- DOMAIN WALL
- LINE OF FORCE

MAGNETIC DRUMS

- GS MAGNETIC STORAGE
- . MAGNETIC DRUMS
- RT CORE STORAGE
- ∞ DRUMS

MAGNETIC EFFECTS

- UF GEOMAGNETIC EFFECTS
- GS MAGNETIC PROPERTIES
- . MAGNETIC EFFECTS
- . . . MAGNETIC RIGIDITY
- RT ∞ EFFECTS
- GEOMAGNETISM
- MAGNETOACTIVITY
- PLASMA COMPRESSION
- TEMPERATURE EFFECTS

MAGNETIC EQUATOR

- UF GEOMAGNETIC EQUATOR
- GS EQUATORS
- . MAGNETIC EQUATOR
- RT GEOMAGNETISM
- ∞ INCLINATION

MAGNETIC FIELD CONFIGURATIONS

- RT ASTROPHYSICS
- ELECTROMAGNETIC FIELDS
- PLASMA COMPRESSION
- PLASMA CONTROL
- PLASMA PHYSICS
- POLOIDAL FLUX
- SPHEROMAKS
- STELLAR MAGNETIC FIELDS

MAGNETIC FIELD INTENSITY

- USE MAGNETIC FLUX

MAGNETIC FIELD INVERSIONS

- GS INVERSIONS
- . MAGNETIC FIELD INVERSIONS
- RT ELECTROMAGNETIC FIELDS
- ELECTROMAGNETISM
- ELECTROMECHANICS
- FIELD THEORY (PHYSICS)

MAGNETIC FIELDS

- GS MAGNETIC FIELDS
- . BIOMAGNETISM
- . FORCE-FREE MAGNETIC FIELDS
- . GEOMAGNETISM
- . INTERPLANETARY MAGNETIC FIELDS
- . INTERSTELLAR MAGNETIC FIELDS
- . LUNAR MAGNETIC FIELDS

MAGNETIC FIELDS-(CONT.)

. MAGNETOSTATIC FIELDS
 . NONUNIFORM MAGNETIC FIELDS
 . PALEOMAGNETISM
 . PLANETARY MAGNETIC FIELDS
 . STELLAR MAGNETIC FIELDS
 . . SOLAR MAGNETIC FIELD
 . . TRAPPED MAGNETIC FIELDS
 RT BERNSTEIN ENERGY PRINCIPLE
 BETA FACTOR
 CONJUGATE POINTS
 CONSTITUTIVE EQUATIONS
 CROSSED FIELDS
 DEMAGNETIZATION
 ELECTRIC FIELDS
 ELECTROMAGNETIC ACCELERATION
 ELECTROMAGNETIC FIELDS
 ELECTROMAGNETISM
 ELECTROMECHANICS
 ELECTRON-HOLE DROPS
 FERROMAGNETIC RESONANCE
 FIELD EMISSION
 FIELD STRENGTH
 FIELD THEORY (PHYSICS)
 ∞ FIELDS
 FLUX PUMPS
 GEOMAGNETIC TAIL
 HELIOS SATELLITES
 INTASAT SATELLITE
 ∞ KERR EFFECTS
 LINES OF FORCE
 LORENTZ FORCE
 MAGNETIZATION
 MAGNETO-OPTICS
 MAGNETOACTIVITY
 MAGNETOPLASMA DYNAMICS
 MAGNETORESISTIVITY
 MAGNETOSPHERE
 MAGNETOSTATICS
 MAGNETS
 MULTIPOLAR FIELDS
 PARTICLE ACCELERATION
 PINCH EFFECT
 POLARITY
 RACETRACKS (PARTICLE ACCELERATORS)
 RADIATION BELTS
 SCREW PINCH
 SCYLLA
 SELF CONSISTENT FIELDS
 SQUARE WELLS
 SUHL EFFECT
 ZEEMAN EFFECT

MAGNETIC FILMS

GS COATINGS
 . MAGNETIC FILMS
 RT ∞ FILMS

MAGNETIC FLUX

UF MAGNETIC FIELD INTENSITY
 GS FIELD STRENGTH
 . MAGNETIC FLUX
 RATES (PER TIME)
 . FLUX (RATE)
 . . MAGNETIC FLUX
 RT BETA FACTOR
 CONSTITUTIVE EQUATIONS
 CURRENT SHEETS
 FLUX PINNING
 LINES OF FORCE
 PINNING

MAGNETIC FORMING

GS FORMING TECHNIQUES
 . MAGNETIC FORMING
 METAL WORKING
 . MAGNETIC FORMING
 RT BULGING
 COLD WORKING
 DEEP DRAWING
 ELECTROMAGNETIC HAMMERS
 METAL DRAWING

MAGNETIC INDUCTION

UF ELECTROMAGNETIC DEDUCTION
 GS MAGNETIC PROPERTIES
 . MAGNETIC INDUCTION
 RT COUPLING COEFFICIENTS
 FLUX (RATE)
 INDUCTANCE
 ∞ INDUCTION
 INDUCTION HEATING

MAGNETIC INDUCTION PROBES

USE MAGNETIC PROBES

MAGNETIC LENSES

UF QUADRUPOLE LENSES
 GS LENSES
 . MAGNETIC LENSES
 RT CATHODE RAY TUBES
 ELECTRON BEAMS
 ELECTRON GUNS
 ELECTRON MICROSCOPES
 ELECTRON MICROSCOPY
 PLASMA GUNS
 PLASMA JETS
 WIRE GRID LENSES

MAGNETIC LEVITATION VEHICLES

GS SURFACE VEHICLES
 . MAGNETIC LEVITATION VEHICLES
 RT LEVITATION
 LIFT DEVICES
 MASS DRIVERS (PAYLOAD DELIVERY)
 RAIL TRANSPORTATION
 SUSPENSION SYSTEMS (VEHICLES)
 ∞ VEHICLES

MAGNETIC MATERIALS

UF MAGNETIC METALS
 GS MAGNETIC MATERIALS
 . FERRIMAGNETIC MATERIALS
 . FERROMAGNETIC MATERIALS
 . . FERROFLUIDS
 . . FERROMAGNETIC FILMS
 . . MAGNETITE
 . . PERMALLOYS (TRADEMARK)
 RT KONDO EFFECT
 MAGNETS
 ∞ MATERIALS

MAGNETIC MEASUREMENT

SN (MEASUREMENT OF MAGNETIC PROPERTIES, QUANTITIES OR CONDITIONS)
 UF FLUXMETERS
 MAGNETOMETRY
 RT ELECTROMAGNETIC MEASUREMENT
 MAGNETOMETERS
 ∞ MATERIALS TESTS
 ∞ MEASUREMENT
 SQUID (DETECTORS)

MAGNETIC MEMORIES

USE MAGNETIC STORAGE

MAGNETIC METALS

USE MAGNETIC MATERIALS
 METALS

MAGNETIC MIRRORS

GS MIRRORS
 . MAGNETIC MIRRORS
 RT LINES OF FORCE
 MIRROR FUSION
 MIRROR POINT
 NONUNIFORM MAGNETIC FIELDS
 NUCLEAR FUSION
 PLASMA CONTROL
 PLASMA EQUILIBRIUM
 Q DEVICES
 SCYLLA
 SPHEROMAKS

MAGNETIC MOMENTS

GS MAGNETIC PROPERTIES
 . MAGNETIC MOMENTS
 MOMENTS
 . DIPOLE MOMENTS
 . . MAGNETIC MOMENTS
 RT BOHR MAGNETON
 ELECTRIC MOMENTS
 LANGEVIN FORMULA
 QUENCHING (ATOMIC PHYSICS)

MAGNETIC MONOPOLES

GS MONOPOLES
 . MAGNETIC MONOPOLES
 PARTICLES
 . ELEMENTARY PARTICLES
 . . MAGNETIC MONOPOLES
 RT QUANTUM THEORY

MAGNETIC PERMEABILITY

UF SUSCEPTIBILITY (MAGNETISM)
 GS MAGNETIC PROPERTIES

MAGNETIC PERMEABILITY-(CONT.)

RT . MAGNETIC PERMEABILITY
 CURIE-WEISS LAW
 DIELECTRIC PERMEABILITY
 HYSTERESIS
 NEEL TEMPERATURE
 RELUCTANCE

MAGNETIC PISTONS

GS PISTONS
 . MAGNETIC PISTONS
 RT HYPERSONIC WIND TUNNELS
 HYPERVELOCITY WIND TUNNELS
 SHOCK TUBES
 SHOCK WAVE GENERATORS

MAGNETIC POLES

RT AURORAL ZONES
 ∞ DIPOLES
 GEOMAGNETISM
 POLARITY
 ∞ POLES

MAGNETIC PROBES

UF MAGNETIC INDUCTION PROBES
 GS MEASURING INSTRUMENTS
 . MAGNETIC PROBES ...
 RT MAGNETOMETERS
 RESONANCE PROBES
 SPACE PROBES

MAGNETIC PROPERTIES

GS MAGNETIC PROPERTIES
 . ANTIFERROMAGNETISM
 . BIOMAGNETISM
 . CURIE TEMPERATURE
 . DIAMAGNETISM
 . FERRIMAGNETISM
 . FERROMAGNETISM
 . GEOMAGNETISM
 . GYROMAGNETISM
 . GYROFREQUENCY
 . MAGNETIC EFFECTS
 . . MAGNETIC RIGIDITY
 . MAGNETIC INDUCTION
 . MAGNETIC MOMENTS
 . MAGNETIC PERMEABILITY
 . MAGNETIC RELAXATION
 . . SPIN-LATTICE RELAXATION
 . MAGNETIC SUSPENSION
 . MAGNETOACOUSTICS
 . MAGNETOACTIVITY
 . MAGNETORESISTIVITY
 . MAGNETOSTRICTION
 . PALEOMAGNETISM
 . PARAMAGNETISM
 . POLARIZATION CHARACTERISTICS
 . RELUCTANCE
 . REMANENCE
 . THERMOMAGNETIC EFFECTS
 RT COERCIVITY
 CURIE-WEISS LAW
 DIPOLE MOMENTS
 EDDY CURRENTS
 ELECTRICAL PROPERTIES
 ELECTROMAGNETIC PROPERTIES
 ELECTROMAGNETISM
 FERRITIC STAINLESS STEELS
 FIELD STRENGTH
 HYSTERESIS
 INDUCTANCE
 KP INDEX
 LINES OF FORCE
 MAGNETIZATION
 MAGNETOMECHANICS (PHYSICS)
 MAGNETS
 MAXWELL EQUATION
 ∞ PHYSICAL PROPERTIES
 POLARIZATION (SPIN ALIGNMENT)
 ∞ PROPERTIES
 ∞ SOLID STATE PHYSICS
 SPIN GLASS

MAGNETIC PUMPING

RT ELECTRON CYCLOTRON HEATING
 INDUCTION HEATING
 ION CYCLOTRON RADIATION
 KINETIC HEATING
 PLASMA HEATING
 ∞ PUMPING

MAGNETIC RECORDING

UF MAGNETIC TAPE RECORDERS
 GS RECORDING
 . MAGNETIC RECORDING

MAGNETIC RELAXATION

MAGNETIC RECORDING-(CONT.)

RT BUBBLE MEMORY DEVICES
DATA RECORDING

MAGNETIC RELAXATION

GS MAGNETIC PROPERTIES
. MAGNETIC RELAXATION
. SPIN-LATTICE RELAXATION
RT RELAXATION (MECHANICS)

MAGNETIC RESONANCE

GS RESONANCE
. MAGNETIC RESONANCE
. FERROMAGNETIC RESONANCE
. NUCLEAR MAGNETIC RESONANCE
. PROTON MAGNETIC RESONANCE
. PROTON RESONANCE
. PARAMAGNETIC RESONANCE
. ELECTRON PARAMAGNETIC
RESONANCE
RT NUCLEAR SPIN
OVERHAUSER EFFECT
SPECTRUM ANALYSIS

MAGNETIC RIGIDITY

UF GYROINTERACTION
GS MAGNETIC PROPERTIES
. MAGNETIC EFFECTS
. MAGNETIC RIGIDITY
RT ELECTRON TRAJECTORIES
IONOSPHERIC DRIFT
PARTICLE MASS
PARTICLE MOTION
∞ RIGIDITY

MAGNETIC SHIELDING

GS SHIELDING
. MAGNETIC SHIELDING
RT ELECTROMAGNETIC SHIELDING
MAGNETOMETERS
RADIATION SHIELDING

MAGNETIC SIGNALS

RT NUCLEAR MAGNETIC RESONANCE
SIGNAL MIXING
∞ SIGNALS

MAGNETIC SIGNATURES

UF MAGNETOGRAMS
GS SIGNATURES
. MAGNETIC SIGNATURES
RT PATTERN REGISTRATION

MAGNETIC SPECTROSCOPY

GS SPECTROSCOPY
. MAGNETIC SPECTROSCOPY
RT GAS SPECTROSCOPY
MASS SPECTROSCOPY
SPECTROSCOPIC ANALYSIS
VACUUM SPECTROSCOPY

MAGNETIC STARS

GS CELESTIAL BODIES
. STARS
. MAGNETIC STARS
RT PECULIAR STARS

MAGNETIC STORAGE

UF MAGNETIC MEMORIES
GS MAGNETIC STORAGE
. BUBBLE MEMORY DEVICES
. CORE STORAGE
. MAGNETIC DISKS
. MAGNETIC DRUMS
RT COMPUTER STORAGE DEVICES
DATA RECORDING
DATA STORAGE
∞ DRUMS
PARAMETRONS
∞ STORAGE

MAGNETIC STORMS

UF GEOMAGNETIC STORMS
MAGNETIC SUBSTORMS
GS MAGNETIC DISTURBANCES
. MAGNETIC STORMS
STORMS
. MAGNETIC STORMS
RT DAWN CHORUS
FORBUSH DECREASES
NOISE STORMS
SOLAR STORMS
SOLAR TERRESTRIAL INTERACTIONS
SPREAD F

MAGNETIC STORMS-(CONT.)

SUDDEN IONOSPHERIC DISTURBANCES
SUDDEN STORM COMMENCEMENTS

MAGNETIC SUBSTORMS

USE MAGNETIC STORMS

MAGNETIC SURVEYS

UF MAGNETOTELLURIC PROFILING
RT GEOMAGNETISM

MAGNETIC SUSPENSION

GS MAGNETIC PROPERTIES
. MAGNETIC SUSPENSION
SUSPENDING (HANGING)
. MAGNETIC SUSPENSION
RT ANNULAR SUSPENSION AND POINTING
SYSTEM

MAGNETIC SWITCHING

GS SWITCHING
. MAGNETIC SWITCHING
RT ANTIFERROMAGNETISM
BEAM SWITCHING
BUBBLE MEMORY DEVICES
SATURABLE REACTORS

MAGNETIC TAPE RECORDERS

USE MAGNETIC RECORDING
TAPE RECORDERS

MAGNETIC TAPE TRANSPORTS

GS MECHANICAL DRIVES
. MAGNETIC TAPE TRANSPORTS
RT TAPE RECORDERS

MAGNETIC TAPES

GS PERIPHERAL EQUIPMENT (COMPUTERS)
. COMPUTER STORAGE DEVICES
. MAGNETIC TAPES
. COMPUTER COMPATIBLE TAPES
RT PLASTIC TAPES
PLAYBACKS
PUNCHED TAPES
READERS
TAPE RECORDERS
∞ TAPES

MAGNETIC TRANSDUCERS

GS TRANSDUCERS
. MAGNETIC TRANSDUCERS
RT ELECTROMAGNETIC MEASUREMENT
ELECTRONIC TRANSDUCERS
MICROPHONES

MAGNETIC VARIATIONS

GS VARIATIONS
. MAGNETIC VARIATIONS
. GEOMAGNETIC PULSATIONS
. GEOMAGNETIC MICROPULSATIONS
. NOCTURNAL VARIATIONS
RT ANNUAL VARIATIONS
DIURNAL VARIATIONS
IONOSPHERIC DISTURBANCES
KP INDEX
SCYLLA
TRAVELING IONOSPHERIC
DISTURBANCES

MAGNETICALLY TRAPPED PARTICLES

GS PARTICLES
. CHARGED PARTICLES
. MAGNETICALLY TRAPPED
PARTICLES
. RADIATION BELTS
. ARTIFICIAL RADIATION BELTS
. INNER RADIATION BELT
. OUTER RADIATION BELT
. PROTON BELTS
. TRAPPED PARTICLES
. MAGNETICALLY TRAPPED
PARTICLES
. RADIATION BELTS
. ARTIFICIAL RADIATION BELTS
. INNER RADIATION BELT
. OUTER RADIATION BELT
. PROTON BELTS
RT PLASMA CONTROL
TRAPPED MAGNETIC FIELDS

MAGNETITE

GS CHALCOGENIDES
. OXIDES
. METAL OXIDES

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MAGNETITE-(CONT.)

. . . IRON OXIDES
. . . MAGNETITE
IRON COMPOUNDS
. IRON OXIDES
. MAGNETITE
MAGNETIC MATERIALS
. FERROMAGNETIC MATERIALS
. MAGNETITE
MINERALS
. MAGNETITE

MAGNETIZATION

UF REMAGNETIZATION
RT COERCIVITY
MAGNETIC DISPERSION
MAGNETIC FIELDS
MAGNETIC PROPERTIES
MAGNETOMECHANICS (PHYSICS)
MAGNETS
MAGNONS
∞ POLARIZATION
POLARIZATION (CHARGE SEPARATION)
POLARIZATION (SPIN ALIGNMENT)

MAGNETO-OPTICS

RT ACOUSTO-OPTICS
ELECTRO-OPTICS
ELECTROMAGNETIC RADIATION
FARADAY EFFECT
KERR MAGNETOOPTICAL EFFECT
MAGNETIC FIELDS
POLARIZATION (WAVES)
POLARIZED ELECTROMAGNETIC
RADIATION

MAGNETOACOUSTIC WAVES

GS ELASTIC WAVES
. MAGNETOELASTIC WAVES
. MAGNETOACOUSTIC WAVES
RT MAGNETOHYDRODYNAMIC WAVES
PLASMA WAVES

MAGNETOACOUSTICS

GS ACOUSTICS
. MAGNETOACOUSTICS
MAGNETIC PROPERTIES
. MAGNETOACOUSTICS

MAGNETOACTIVITY

GS MAGNETIC PROPERTIES
. MAGNETOACTIVITY
. MAGNETORESISTIVITY
RT MAGNETIC EFFECTS
MAGNETIC FIELDS

MAGNETOCARDIOGRAPHY

GS BIOENGINEERING
BIOMETRICS
. CARDIOGRAPHY
. MAGNETOCARDIOGRAPHY
RT BIOINSTRUMENTATION

MAGNETOELASTIC VIBRATIONS

USE MAGNETOELASTIC WAVES

MAGNETOELASTIC WAVES

UF MAGNETOELASTIC VIBRATIONS
GS ELASTIC WAVES
. MAGNETOELASTIC WAVES
. MAGNETOACOUSTIC WAVES
RT ELECTROSTATIC WAVES
MAGNETOSONIC RESONANCE
MAGNETOSPHERIC INSTABILITY
MAGNETOSTRICTION
PLASMA WAVES
SOUND WAVES
ULTRASONIC RADIATION

MAGNETOELASTICITY

USE MAGNETOSTRICTION

MAGNETOELECTRIC MEDIA

RT DIELECTRICS
MAGNETOIONICS
MAXWELL EQUATION
MECHANICAL DRIVES

MAGNETOGASDYNAMICS

USE MAGNETOHYDRODYNAMICS

MAGNETOGRAMS

USE MAGNETIC SIGNATURES

MAGNETOHYDRODYNAMIC ACCELERATION
 USE PLASMA ACCELERATION

MAGNETOHYDRODYNAMIC FLOW

- UF HYDROMAGNETIC FLOW
 PLASMA FLOW
- GS FLUID FLOW
 . **MAGNETOHYDRODYNAMIC FLOW**
- RT COMPRESSIBLE FLOW
 CORE FLOW
 GAS FLOW
 GEOMAGNETIC HOLLOW
 HARTMANN FLOW
 KELVIN-HELMHOLTZ INSTABILITY
 LINE CURRENT
 MAGNETOHYDRODYNAMICS
 PLASMA FLUX MEASUREMENT
 PLASMA TURBULENCE
 REVERSE FIELD PINCH
 SCREW PINCH
 SOLAR WIND VELOCITY
 TRANSVERSE WAVES
 TWO FLUID MODELS

MAGNETOHYDRODYNAMIC GENERATORS

- GS ELECTRIC GENERATORS
 . DIRECT POWER GENERATORS
 . . **MAGNETOHYDRODYNAMIC GENERATORS**
- RT FUEL CELLS
 GENERATORS
 MAGNETOHYDRODYNAMICS
 PLASMA ACCELERATORS
 PLASMA GENERATORS
 THERMIONIC CONVERTERS
 THERMOELECTRIC GENERATORS

MAGNETOHYDRODYNAMIC SHEAR HEATING

- GS HEATING
 . **MAGNETOHYDRODYNAMIC SHEAR HEATING**
- RT PLASMA HEATING
 PLASMA SHEATHS
 SHOCK HEATING
 VISCOUS FLOW

MAGNETOHYDRODYNAMIC STABILITY

- UF HYDROMAGNETIC STABILITY
 PLASMA INSTABILITY
 PLASMA STABILITY
- GS DYNAMIC CHARACTERISTICS
 . DYNAMIC STABILITY
 . . MOTION STABILITY
 . . . FLOW STABILITY
 **MAGNETOHYDRODYNAMIC STABILITY**
 WEIBEL INSTABILITY
 FLOW CHARACTERISTICS
 . . FLOW STABILITY
 . . . **MAGNETOHYDRODYNAMIC STABILITY**
 WEIBEL INSTABILITY
 STABILITY
 . DYNAMIC STABILITY
 . . MOTION STABILITY
 . . . FLOW STABILITY
 **MAGNETOHYDRODYNAMIC STABILITY**
- RT BETA FACTOR
 ELASTIC WAVES
 ELLIPTICAL PLASMAS
 HELICAL FLOW
 KELVIN-HELMHOLTZ INSTABILITY
 MAGNETOHYDRODYNAMICS
 MAGNETOHYDROSTATICS
 NONEQUILIBRIUM PLASMAS
 NONUNIFORM PLASMAS
 PLASMA CONDUCTIVITY
 PLASMA COOLING
 PLASMA DECAY
 PLASMA DRIFT
 PLASMA EQUILIBRIUM
 PLASMA LIFETIME
 PLASMA LOSS
 PLASMA PINCH
 PLASMA POTENTIALS
 PLASMA SLABS
 PLASMA TEMPERATURE
 PLASMA TURBULENCE
 PLASMONS
 SPACE PLASMAS
 STRONGLY COUPLED PLASMAS
 THERMAL INSTABILITY
 ZETA PINCH

MAGNETOHYDRODYNAMIC TURBULENCE

- GS TURBULENCE
 . **MAGNETOHYDRODYNAMIC TURBULENCE**
 . . PLASMA TURBULENCE
- RT HOMOGENEOUS TURBULENCE
 ISOTROPIC TURBULENCE

MAGNETOHYDRODYNAMIC WAVES

- UF ALFVEN WAVES
 HYDROMAGNETIC WAVES
 PLASMA SOUND WAVES
 ELASTIC WAVES
- GS . **MAGNETOHYDRODYNAMIC WAVES**
 . . PLASMA WAVES
 . . . ELECTROSTATIC WAVES
- RT MAGNETOACOUSTIC WAVES
 MAGNETOHYDRODYNAMICS
 NORMAL SHOCK WAVES
 OBLIQUE SHOCK WAVES
 SHOCK WAVES

MAGNETOHYDRODYNAMICS

- UF GEOMETRICAL HYDROMAGNETICS
 HYDROMAGNETICS
 HYDROMAGNETISM
 MAGNETOGASDYNAMICS
- GS FLUID MECHANICS
 . FLUID DYNAMICS
 . . HYDRODYNAMICS
 . . . **MAGNETOHYDRODYNAMICS**
 CYLINDRICAL PLASMAS
 . . HYDROMECHANICS
 . . HYDRODYNAMICS
 . . . **MAGNETOHYDRODYNAMICS**
- RT ALPHA PLASMA DEVICES
 CONDUCTING FLUIDS
 ELECTRIC ARCS
 ELECTROHYDRODYNAMICS
 GAS DYNAMICS
 GAS TRANSPORT
 HALL ACCELERATORS
 HALL EFFECT
 HARTMANN FLOW
 HARTMANN NUMBER
 IONIZATION
 MAGNETOHYDRODYNAMIC FLOW
 MAGNETOHYDRODYNAMIC GENERATORS
 MAGNETOHYDRODYNAMIC STABILITY
 MAGNETOHYDRODYNAMIC WAVES
 MAGNETOHYDROSTATICS
 MAGNETOIONICS
 MAGNETOSONIC RESONANCE
 PINCH EFFECT
 PLASMA CURRENTS
 PLASMA DYNAMICS
 PLASMA PHYSICS
 PLASMA PROPULSION
 PLASMAS (PHYSICS)
 SPACE CHARGE
 SPACE MECHANICS
 SPACE PLASMAS
 STELLARATORS
 THERMONUCLEAR REACTIONS
 URANIUM PLASMAS

MAGNETOHYDROSTATICS

- GS FLUID MECHANICS
 . HYDROMECHANICS
 . . HYDROSTATICS
 . . . **MAGNETOHYDROSTATICS**
 STATICS
 . HYDROSTATICS
 . . **MAGNETOHYDROSTATICS**
- RT MAGNETOHYDRODYNAMIC STABILITY
 MAGNETOHYDRODYNAMICS
 MAGNETOIONICS
 PLASMA PHYSICS
 STATIC STABILITY

MAGNETOIONIC PLASMA

- USE PLASMAS (PHYSICS)

MAGNETOIONICS

- RT ELECTROMAGNETIC WAVE
 TRANSMISSION
 ELLIPTICAL POLARIZATION
 GEOMAGNETISM
 GYROFREQUENCY
 IONOSPHERIC PROPAGATION
 MAGNETOELECTRIC MEDIA
 MAGNETOHYDRODYNAMICS
 MAGNETOHYDROSTATICS
 PLASMAS (PHYSICS)
 RADIO TRANSMISSION

MAGNETOMECHANICS (PHYSICS)

- RT MAGNETIC PROPERTIES
 MAGNETIZATION

MAGNETOMETERS

- UF GAUSSMETERS
 GRADIOMETERS
- GS MEASURING INSTRUMENTS
 . **MAGNETOMETERS**
 . . VARIOMETERS
- RT ELECTRICAL MEASUREMENT
 FIELD INTENSITY METERS
 GEOMAGNETISM
 MAGNETIC MEASUREMENT
 MAGNETIC PROBES
 MAGNETIC SHIELDING
 MAGSAT A SATELLITE
 MAGSAT SATELLITES
 MAGSAT 1 SATELLITE
 NUCLEAR MAGNETIC RESONANCE
 PROTON MASERS

MAGNETOMETRY

- USE MAGNETIC MEASUREMENT

MAGNETOPOUSE

- GS EARTH ATMOSPHERE
 . UPPER ATMOSPHERE
 . . MAGNETOSPHERE
 . . . **MAGNETOPOUSE**
 ENVIRONMENTS
 . MAGNETOSPHERE
 . . **MAGNETOPOUSE**
- RT MAGNETOSPHERIC INSTABILITY
 SATELLITE ATMOSPHERES
 SOLAR WIND

MAGNETOPLASMA DYNAMICS

- RT MAGNETIC FIELDS
 PLASMA DENSITY
 PLASMA PROPULSION
 ROCKET ENGINES
 SPACECRAFT PROPULSION

MAGNETOPLASMAS

- USE PLASMAS (PHYSICS)

MAGNETORESISTIVITY

- GS MAGNETIC PROPERTIES
 . MAGNETOACTIVITY
 . . **MAGNETORESISTIVITY**
 TRANSPORT PROPERTIES
 . ELECTRICAL RESISTIVITY
 . . **MAGNETORESISTIVITY**
- RT CONDUCTIVITY
 ELECTROMAGNETISM
 FERMI SURFACES
 MAGNETIC FIELDS
 RELUCTANCE
 . RESISTANCE

MAGNETOSONIC RESONANCE

- GS RESONANCE
 . **MAGNETOSONIC RESONANCE**
- RT MAGNETOELASTIC WAVES
 MAGNETOHYDRODYNAMICS

MAGNETOSPHERE

- GS EARTH ATMOSPHERE
 . UPPER ATMOSPHERE
 . . **MAGNETOSPHERE**
 . . . GEOMAGNETIC TAIL
 . . . MAGNETOPOUSE
 ENVIRONMENTS
 . **MAGNETOSPHERE**
 . . GEOMAGNETIC TAIL
 . . MAGNETOPOUSE
- RT BARIUM ION CLOUDS
 EXOSPHERE
 GEOMAGNETIC HOLLOW
 GEOMAGNETISM
 GEOS SATELLITES (ESA)
 HETEROSPHERE
 INTERNATIONAL MAGNETOSPHERIC
 EXPLORER
 INTERNATIONAL MAGNETOSPHERIC
 STUDY
 IONOSPHERE
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 MAGNETIC FIELDS
 NEUTRAL SHEETS
 PLASMA CLOUDS
 PLASMAPAUSE
 PLASMASPHERE
 RADIATION BELTS

MAGNETOSPHERIC ELECTRON DENSITY

MAGNETOSPHERE-(CONT.)

RADIATION TRAPPING
SATELLITE ATMOSPHERES
SCREEN EFFECT
SOLAR TERRESTRIAL INTERACTIONS
SOLAR WIND VELOCITY
SPACE PLASMAS
THERMOSPHERE

MAGNETOSPHERIC ELECTRON DENSITY

GS DENSITY (NUMBER/VOLUME)
. PARTICLE DENSITY (CONCENTRATION)
. ELECTRON DENSITY
(CONCENTRATION)
. . . . MAGNETOSPHERIC ELECTRON
DENSITY
RT ATMOSPHERIC DENSITY
IONOSPHERIC ELECTRON DENSITY
PLASMA DENSITY

MAGNETOSPHERIC INSTABILITY

GS STABILITY
. MAGNETOSPHERIC INSTABILITY
RT GEOMAGNETIC PULSATIONS
MAGNETOELASTIC WAVES
MAGNETOPOUSE

MAGNETOSPHERIC ION DENSITY

GS DENSITY (NUMBER/VOLUME)
. PARTICLE DENSITY (CONCENTRATION)
. ION DENSITY (CONCENTRATION)
. . . . MAGNETOSPHERIC ION DENSITY
. . . . MAGNETOSPHERIC PROTON
DENSITY
RT ATMOSPHERIC DENSITY
IONOSPHERIC ION DENSITY
PLASMA DENSITY
POSITIVE IONS

MAGNETOSPHERIC PROTON DENSITY

GS DENSITY (NUMBER/VOLUME)
. PARTICLE DENSITY (CONCENTRATION)
. ION DENSITY (CONCENTRATION)
. . . . MAGNETOSPHERIC ION DENSITY
. . . . MAGNETOSPHERIC PROTON
DENSITY
. . . . PROTON DENSITY
(CONCENTRATION)
. . . . MAGNETOSPHERIC PROTON
DENSITY
RT ATMOSPHERIC DENSITY
PLASMA DENSITY

MAGNETOSTATIC AMPLIFIERS

GS AMPLIFIERS
. MAGNETOSTATIC AMPLIFIERS
RT MAGNETIC AMPLIFIERS
PARAMETRIC AMPLIFIERS
TRAVELING WAVE TUBES
YTTRIUM-ALUMINUM GARNET
YTTRIUM-IRON GARNET

MAGNETOSTATIC FIELDS

GS MAGNETIC FIELDS
. MAGNETOSTATIC FIELDS
RT FIELD THEORY (PHYSICS)
LINES OF FORCE

MAGNETOSTATICS

GS ELECTROMAGNETISM
. MAGNETOSTATICS
RT ELECTROSTATICS
FLUX (RATE)
MAGNETIC FIELDS

MAGNETOSTRICTION

UF MAGNETOELASTICITY
GS MAGNETIC PROPERTIES
. MAGNETOSTRICTION
MECHANICAL PROPERTIES
. ELASTIC PROPERTIES
. . . . MAGNETOSTRICTION
RT ELECTROSTRICTION
MAGNETOELASTIC WAVES

MAGNETOTELLURIC PROFILING

USE MAGNETIC SURVEYS

MAGNETOVARIOGRAPHS

USE VARIOMETERS

MAGNETRON SPUTTERING

GS SPUTTERING
. MAGNETRON SPUTTERING

MAGNETRON SPUTTERING-(CONT.)

RT DEPOSITION
METAL COATINGS

MAGNETRONS

GS ELECTRON TUBES
. VACUUM TUBES
. . . VACUUM TUBE OSCILLATORS
. . . . MICROWAVE TUBES
. . . . MAGNETRONS
. NIGOTRONS
MICROWAVE EQUIPMENT
. MICROWAVE TUBES
. . . MAGNETRONS
. . . . NIGOTRONS
OSCILLATORS
. VACUUM TUBE OSCILLATORS
. . . MICROWAVE TUBES
. . . . MAGNETRONS
. NIGOTRONS
RT CAVITY RESONATORS
CROSSED FIELD AMPLIFIERS
CROSSED FIELDS
ELECTROSTATIC GENERATORS
KLYSTRONS
MULTIMODE RESONATORS
PLANOTRONS
RESONATORS
TRAVELING WAVE TUBES

MAGNETS

GS MAGNETS
. CRYOGENIC MAGNETS
. ELECTROMAGNETS
. . . HIGH FIELD MAGNETS
. . . SUPERCONDUCTING MAGNETS
. FERRIMAGNETS
. WIGGLER MAGNETS
RT ELECTRETS
FERROMAGNETIC MATERIALS
FERROMAGNETISM
MAGNET COILS
MAGNETIC CORES
MAGNETIC FIELDS
MAGNETIC MATERIALS
MAGNETIC PROPERTIES
MAGNETIZATION
PERMALLOYS (TRADEMARK)

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UF MAGNIFIERS
RT AMPLIFICATION
INCREASING
LENSES
∞ PROJECTION

MAGNIFIERS

USE MAGNIFICATION

MAGNITUDE

GS MAGNITUDE
. STELLAR MAGNITUDE
RT AMPLITUDES
DIMENSIONS
DISPLACEMENT
∞ INTENSITY
LEVEL (QUANTITY)

MAGNONS

UF SPIN WAVES
GS ELEMENTARY EXCITATIONS
. MAGNONS
RT ANTIFERROMAGNETISM
FERRIMAGNETISM
FERROMAGNETISM
MAGNETIZATION
PLASMONS

MAGNUS EFFECT

RT BERNOULLI THEOREM
BOUNDARY LAYER FLOW
FLUID DYNAMICS
FLUID FLOW
MISSILE DESIGN
ROTATING CYLINDERS

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GS SATELLITES
. ARTIFICIAL SATELLITES
. . . MAGSAT A SATELLITE
. . . EARTH SATELLITES
. . . . MAGSAT A SATELLITE
. . . . SCIENTIFIC SATELLITES
. . . . MAGSAT A SATELLITE
RT GEOMAGNETISM

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MAGSAT A SATELLITE-(CONT.) MAGNETOMETERS

MAGSAT SATELLITES

GS SATELLITES
. ARTIFICIAL SATELLITES
. . . MAGSAT SATELLITES
. . . EARTH SATELLITES
. . . . MAGSAT SATELLITES
. . . . SCIENTIFIC SATELLITES
. . . . MAGSAT SATELLITES
RT GEOMAGNETISM
MAGNETOMETERS

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GS SATELLITES
. ARTIFICIAL SATELLITES
. . . MAGSAT 1 SATELLITE
. . . EARTH SATELLITES
. . . . MAGSAT 1 SATELLITE
. . . . SCIENTIFIC SATELLITES
. . . . MAGSAT 1 SATELLITE
RT GEOMAGNETISM
MAGNETOMETERS

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GS CELESTIAL BODIES
. STARS
. . . MAIN SEQUENCE STARS
RT DWARF STARS
EARLY STARS
GIANT STARS
LATE STARS
M STARS
STELLAR EVOLUTION
STELLAR MASS
SUBDWARF STARS
SUBGIANT STARS

MAINE

GS UNITED STATES OF AMERICA
. MAINE
RT ST LAWRENCE VALLEY (NORTH
AMERICA)

MAINTAINABILITY

RT DESIGN ANALYSIS
MAINTENANCE
RELIABILITY

MAINTENANCE

UF REPAIRING
TROUBLESHOOTING
GS MAINTENANCE
. AIRCRAFT MAINTENANCE
. FILE MAINTENANCE (COMPUTERS)
. SPACE MAINTENANCE
RT CHECKOUT
CONSTRUCTION
DAMAGE ASSESSMENT
DOWNTIME
EQUIPMENT SPECIFICATIONS
∞ FIXING
GROUND CREWS
GROUND SUPPORT EQUIPMENT
INSTALLING
LOGISTICS
LOGISTICS MANAGEMENT
LUBRICANTS
LUBRICATION
MAINTAINABILITY
MANUALS
MECHANICAL ENGINEERING
OPERATING COSTS
RELIABILITY
REPLACING
SELF REPAIRING DEVICES
SERVICE LIFE
SHIPYARDS
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GS EDUCATION
. MAINTENANCE TRAINING

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GS CHARGE CARRIERS
. MAJORITY CARRIERS
RT ADDITIVES
BIPOLAR TRANSISTORS
CARRIER INJECTION
ELECTRON MOBILITY
ELECTRONS

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MANAGEMENT METHODS

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MALAGASY REPUBLIC

GS LANDFORMS
. ISLANDS
RT . MALAGASY REPUBLIC
INDIAN OCEAN
NATIONS

MALAWI

RT ASIA
NATIONS

MALAYA

UF MALAYSIA
RT ASIA
NATIONS

MALAYSIA

USE MALAYA

MALDIV ISLANDS

GS LANDFORMS
. ISLANDS
RT . MALDIV ISLANDS
NATIONS

MALEATES

GS ALIPHATIC COMPOUNDS
. MALEATES
ESTERS
. MALEATES

MALES

RT CHILDREN
FEMALES
SEX
SEX FACTOR

MALFUNCTIONS

RT ABORTED MISSIONS
AIRCRAFT ACCIDENTS
AIRCRAFT HAZARDS
DOWNTIME
ERRORS
FAILURE
SYSTEM FAILURES

MALI

RT AFRICA
NATIONS

MALKUS THEORY

RT STATISTICAL MECHANICS
∞ THEORIES

MALLEABILITY

GS MECHANICAL PROPERTIES
. MALLEABILITY
RT DUCTILITY
METAL WORKING

MALONONITRILE

GS CYANIDES
. MALONONITRILE
NITRILES
. MALONONITRILE

MALTA

GS LANDFORMS
. ISLANDS
. MALTA
RT MEDITERRANEAN SEA

MAMMALS

GS ANIMALS
. VERTEBRATES
. MAMMALS
. BATS
. BEARS
. CATS
. CATTLE
. CALVES
. DEER
. CARIBOUS
. DOGS
. DOLPHINS
. GOATS
. HORSES
. MANATEES
. MARINE MAMMALS
. OPOSSUM
. PORPOISES

MAMMALS-(CONT.)

. PRIMATES
. BABOONS
. CHIMPANZEES
. HUMAN BEINGS
. MONKEYS
. CERCOCEBUS MONKEYS
. MANGABEYS
. RODENTS
. GUINEA PIGS
. HAMSTERS
. MICE
. JERBOAS
. POCKET MICE
. RABBITS
. RATS
. SQUIRRELS
. GROUND SQUIRRELS
. SEALS (ANIMALS)
. SHEEP
. SHREWS
. SWINE
. WHALES
. WOLVERINES
. WOLVES
RT EARTH RESOURCES
MAMMARY GLANDS

MAMMARY GLANDS

GS ANATOMY
. GLANDS (ANATOMY)
. MAMMARY GLANDS
RT MAMMALS

MAN

USE HUMAN BEINGS

MAN ENVIRONMENT INTERACTIONS

RT ENVIRONMENT EFFECTS
ENVIRONMENT MANAGEMENT
HUMAN BEINGS
∞ INTERACTIONS
RESOURCES

MAN MACHINE SYSTEMS

RT ASTRONAUT PERFORMANCE
∞ AUTOMATION
BALANCING
BIONICS
BIOTECHNOLOGY
COMPUTER SYSTEMS DESIGN
CONSOLES
CYBERNETICS
DATA PROCESSING TERMINALS
DEPERSONALIZATION
DISPLAY DEVICES
∞ ENGINEERING
HUMAN FACTORS ENGINEERING
MANAGEMENT
MECHANIZATION
∞ SYSTEMS
SYSTEMS ANALYSIS
SYSTEMS ENGINEERING
SYSTEMS MANAGEMENT
TELEOPERATORS

MAN OPERATED PROPULSION SYSTEMS

UF MOPS (PROPULSION SYSTEMS)
GS PROPULSION
. LOW THRUST PROPULSION
. MAN OPERATED PROPULSION
SYSTEMS
RT ASTRONAUT LOCOMOTION
COMPRESSED AIR
EXTRAVEHICULAR ACTIVITY
GASEOUS ROCKET PROPELLANTS
MANNED SPACE FLIGHT
PILOT PERFORMANCE
RETROCKET ENGINES
∞ SYSTEMS

MAN POWERED AIRCRAFT

RT ∞ AIRCRAFT

MANAGEMENT

UF ADMINISTRATION
GS MANAGEMENT
. CONFIGURATION MANAGEMENT
. CONTRACT MANAGEMENT
. DATA MANAGEMENT
. ENVIRONMENT MANAGEMENT
. FINANCIAL MANAGEMENT
. INDUSTRIAL MANAGEMENT
. ENGINEERING MANAGEMENT
. INVENTORY MANAGEMENT

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. INVENTORY CONTROLS
. PERSONNEL MANAGEMENT
. INFORMATION MANAGEMENT
. LOGISTICS MANAGEMENT
. INVENTORY MANAGEMENT
. INVENTORY CONTROLS
. MATRIX MANAGEMENT
. PROCUREMENT MANAGEMENT
. PRODUCTION MANAGEMENT
. PROJECT MANAGEMENT
. RESEARCH MANAGEMENT
. RESOURCES MANAGEMENT
. FOREST MANAGEMENT
. LAND MANAGEMENT
. WATER MANAGEMENT
. SAFETY MANAGEMENT
. SYSTEMS MANAGEMENT
. TERMINAL AREA ENERGY
MANAGEMENT
RT WEAPON SYSTEM MANAGEMENT
AUTONOMY
CENTRAL ELECTRONIC MANAGEMENT
SYSTEM
COMMAND AND CONTROL
CONTRACT NEGOTIATION
COST ANALYSIS
COST ESTIMATES
COST INCENTIVES
COST REDUCTION
CYBERNETICS
DECISION MAKING
DECISIONS
∞ DIRECTION
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EVALUATION
FIDUCIARIES
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GERT
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INCENTIVES
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MAN MACHINE SYSTEMS
MARKETING
MISSION PLANNING
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PERFORMANCE PREDICTION
PERSONNEL DEVELOPMENT
PREJUDICES
PROBLEM SOLVING
PROCUREMENT POLICY
PRODUCT DEVELOPMENT
PRODUCTION ENGINEERING
PROGRESS
PROJECT PLANNING
∞ RESEARCH PROJECTS
STATISTICAL ANALYSIS
SYSTEMS ENGINEERING

MANAGEMENT ANALYSIS

RT ∞ ANALYZING
COST ANALYSIS
GERT
PERT
TRADEOFFS

MANAGEMENT INFORMATION SYSTEMS

GS INFORMATION SYSTEMS
. MANAGEMENT INFORMATION
SYSTEMS
MANAGEMENT SYSTEMS
. MANAGEMENT INFORMATION
SYSTEMS
RT COMPUTER TECHNIQUES
DATA BASE MANAGEMENT SYSTEMS
DATA RETRIEVAL
DATA STORAGE
DATA SYSTEMS
INFORMATION RETRIEVAL
INFORMATION THEORY

MANAGEMENT METHODS

GS MANAGEMENT METHODS
. DELPHI METHOD (FORECASTING)
. PATTERN METHOD (FORECASTING)
. PROBE METHOD (FORECASTING)
. PROFILE METHOD (FORECASTING)
RT COMPUTER TECHNIQUES
COST REDUCTION
CRITICAL PATH METHOD
DECISION MAKING
ESTIMATES
FORECASTING
GERT

MANAGEMENT PLANNING

MANAGEMENT METHODS-(CONT.)

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MATRIX MANAGEMENT
∞ METHODOLOGY
NASA INTERACTIVE PLANNING SYSTEM
OPERATIONS RESEARCH
PERT
RETRAINING
STARSITE PROGRAM
SYSTEMS MANAGEMENT

MANAGEMENT PLANNING

GS PLANNING
 . MANAGEMENT PLANNING
 . PRODUCTION PLANNING
 . PROJECT PLANNING
RT CONSULTING
COST ANALYSIS
COST REDUCTION
DECISION MAKING
∞ DEVELOPMENT
ECONOMY
ESTIMATES
FEASIBILITY ANALYSIS
FINANCE
FORECASTING
GERT
INTERFACES
LIFE CYCLE COSTS
MEDIATION
MISSION PLANNING
OPERATIONS RESEARCH
PERSONNEL MANAGEMENT
PERT
PROGRAM TREND LINE ANALYSIS
PROJECT MANAGEMENT
RESEARCH AND DEVELOPMENT
SELECTIVE DISSEMINATION OF
INFORMATION
SYSTEMS ENGINEERING
TRADEOFFS
VALUE ENGINEERING

MANAGEMENT SYSTEMS

GS MANAGEMENT SYSTEMS
 . MANAGEMENT INFORMATION
 SYSTEMS
RT COMPUTER TECHNIQUES
INFORMATION SYSTEMS
PROJECT MANAGEMENT
∞ SYSTEMS

MANATEES

GS ANIMALS
 . VERTEBRATES
 . MAMMALS
 . MANATEES

MANDELSTAM REPRESENTATION

GS ATTENUATION
 . WAVE ATTENUATION
 . RADIO ATTENUATION
 . MANDELSTAM REPRESENTATION
RELATIVISTIC THEORY
 . MANDELSTAM REPRESENTATION
RT ELECTROMAGNETIC ABSORPTION
INELASTIC SCATTERING
LORENTZ TRANSFORMATIONS
MICROWAVE SCATTERING
NUCLEAR SCATTERING
QUANTUM THEORY
RADAR ATTENUATION

MANDRELS

RT CORES
MACHINE TOOLS
MOLDS
SHAFTS (MACHINE ELEMENTS)

MANEUVERABILITY

RT AIR SLEW MISSILES
AIRCRAFT CONTROL
AIRCRAFT MANEUVERS
AIRCRAFT PERFORMANCE
CONTROLLABILITY
FLIGHT CHARACTERISTICS
FLIGHT CONTROL
HELICOPTER PERFORMANCE
MANEUVERS
SPACECRAFT MANEUVERS

MANEUVERABLE REENTRY BODIES

GS REENTRY VEHICLES
 . MANEUVERABLE REENTRY BODIES
RT ∞ BODIES

MANEUVERABLE SPACECRAFT

GS MANEUVERABLE SPACECRAFT
 . AEROSPACEPLANES
 . ASTROPLANE
 . APOLLO SPACECRAFT
 . APOLLO LUNAR EXPERIMENT
MODULE
 . ASTRO VEHICLE
 . EVASIVE SATELLITES
 . FERRY SPACECRAFT
 . LIFTING REENTRY VEHICLES
 . HL-10 REENTRY VEHICLE
 . HLD-35 REENTRY VEHICLE
 . JANUS SPACECRAFT
 . M-2 LIFTING BODY
 . M-2F2 LIFTING BODY
 . X-20 AIRCRAFT
RT RENDEZVOUS SPACECRAFT
ARTIFICIAL SATELLITES
EARTH SATELLITES
INTERPLANETARY SPACECRAFT
LANDING MODULES
LUNAR LANDING MODULES
LUNAR PROBES
LUNAR SATELLITES
MANNED SPACECRAFT
MARS (MANNED REUSABLE
SPACECRAFT)
RECOVERABLE SPACECRAFT
REENTRY VEHICLES
SPACE PROBES
∞ SPACECRAFT
SPACECRAFT MANEUVERS
THRUST VECTOR CONTROL

MANEUVERS

GS MANEUVERS
 . AIRCRAFT MANEUVERS
 . EVASIVE ACTIONS
 . ORBITAL RENDEZVOUS
 . EARTH ORBITAL RENDEZVOUS
 . LUNAR ORBITAL RENDEZVOUS
 . SIDESLIP
 . SPACECRAFT DOCKING
 . SPACECRAFT MANEUVERS
 . ORBITAL MANEUVERS
RT ACROBATICS
AIRCRAFT SPIN
FLIGHT CONTROL
LANDING
MANEUVERABILITY
MINOR CIRCLE TURNING FLIGHT
SELF MANEUVERING UNITS
TAKEOFF
TURNING FLIGHT

MANGABEYS

GS ANIMALS
 . VERTEBRATES
 . MAMMALS
 . PRIMATES
 . MONKEYS
 . MANGABEYS

MANGANESE

GS CHEMICAL ELEMENTS
 . MANGANESE
 . MANGANESE ISOTOPES
METALS
 . TRANSITION METALS
 . MANGANESE
 . MANGANESE ISOTOPES

MANGANESE ALLOYS

GS ALLOYS
 . MANGANESE ALLOYS
 . MANGANIN (TRADEMARK)

MANGANESE COMPOUNDS

GS MANGANESE COMPOUNDS
 . HODGKINSONITE
 . MANGANESE OXIDES
 . HOPCALITE (TRADEMARK)
 . MANGANESE PHOSPHIDES
 . PERMANGANATES
 . SODIUM PERMANGANATES
RT ∞ GROUP 7B COMPOUNDS
∞ METAL COMPOUNDS

MANGANESE IONS

GS IONS
 . CATIONS
 . METAL IONS
 . MANGANESE IONS
PARTICLES

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MANGANESE IONS-(CONT.)

. CHARGED PARTICLES
. CATIONS
. METAL IONS
. MANGANESE IONS
RT PERMANGANATES

MANGANESE ISOTOPES

UF MANGANESE 53
MANGANESE 54
MANGANESE 56
GS CHEMICAL ELEMENTS
 . MANGANESE
 . MANGANESE ISOTOPES
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METALS
 . TRANSITION METALS
 . MANGANESE
 . MANGANESE ISOTOPES

MANGANESE OXIDES

GS CHALCOGENIDES
 . OXIDES
 . METAL OXIDES
 . MANGANESE OXIDES
 . HOPCALITE (TRADEMARK)
MANGANESE COMPOUNDS
 . MANGANESE OXIDES
 . HOPCALITE (TRADEMARK)

MANGANESE PHOSPHIDES

GS MANGANESE COMPOUNDS
 . MANGANESE PHOSPHIDES
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MANGANESE 53

USE MANGANESE ISOTOPES

MANGANESE 54

USE MANGANESE ISOTOPES

MANGANESE 56

USE MANGANESE ISOTOPES

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GS ALLOYS
 . COPPER ALLOYS
 . MANGANIN (TRADEMARK)
 . MANGANESE ALLOYS
 . MANGANIN (TRADEMARK)
RT ELECTRICAL RESISTANCE
THERMOCOUPLES

MANIFOLDS

RT AIR INTAKES
EXHAUST SYSTEMS
FUEL SYSTEMS
INTAKE SYSTEMS
PIPES (TUBES)
PLENUM CHAMBERS
∞ TUBES
∞ WATER INTAKES

MANIFOLDS (MATHEMATICS)

GS MANIFOLDS (MATHEMATICS)
 . RIEMANN MANIFOLD
RT COORDINATES
CURVES (GEOMETRY)
FIBERS (MATHEMATICS)
FIXED POINTS (MATHEMATICS)
TOPOLOGY

MANIPULATION

USE MANIPULATORS

MANIPULATORS

SN (MECHANICAL DEVICES FOR REMOTE
HANDLING)
UF MANIPULATION
GS MANIPULATORS
 . REMOTE MANIPULATOR SYSTEM
CONTROL EQUIPMENT
PAYLOAD DEPLOYMENT & RETRIEVAL
SYSTEM
REMOTE CONTROL
REMOTE HANDLING
SERVOCONTROL
SHIELDING
TELEOPERATORS

MANITOBA

RT CANADA

MANITOU (CO)

GS CITIES

. MANITOU (CO)
RT COLORADO**MANN-WHITNEY-WILCOXON U TEST**

GS STATISTICAL ANALYSIS

. STATISTICAL TESTS

RT . MANN-WHITNEY-WILCOXON U TEST
QUALITY CONTROL**MANNED AERODYNAMIC REUSABLE SPACESHIP**USE MARS (MANNED REUSABLE
SPACECRAFT)**MANNED LUNAR SURFACE VEHICLES**

GS SURFACE VEHICLES

. LUNAR SURFACE VEHICLES

. LUNAR ROVING VEHICLES

. . . MANNED LUNAR SURFACE
VEHICLES

RT CRAWLER TRACTORS

LUNAR LOGISTICS

LUNAR MOBILE LABORATORIES

WALKING MACHINES

MANNED ORBITAL LABORATORIES

UF MOL (ORBITAL LABORATORIES)

GS LABORATORIES

. SPACE LABORATORIES

. . MANNED ORBITAL LABORATORIES

. . . MANNED ORBITAL RESEARCH

LABORATORIES

MANNED SPACECRAFT

. MANNED ORBITAL LABORATORIES

. . MANNED ORBITAL RESEARCH

LABORATORIES

RT APOLLO SPACECRAFT

ORBITAL SPACE STATIONS

ORBITAL WORKSHOPS

RECONNAISSANCE SPACECRAFT

TITAN 3 LAUNCH VEHICLE

MANNED ORBITAL RESEARCH LABORATORIES

UF MORL

GS LABORATORIES

. SPACE LABORATORIES

. . MANNED ORBITAL LABORATORIES

. . . MANNED ORBITAL RESEARCH

LABORATORIES

MANNED SPACECRAFT

. MANNED ORBITAL LABORATORIES

. . MANNED ORBITAL RESEARCH

LABORATORIES

RT APOLLO SPACECRAFT

ORBITAL SPACE STATIONS

∞ SPACECRAFT

MANNED ORBITAL SPACE STATIONS

USE ORBITAL SPACE STATIONS

MANNED ORBITAL TELESCOPES

UF MOT (ORBITAL TELESCOPES)

GS TELESCOPES

. MANNED ORBITAL TELESCOPES

RT ASTRONOMICAL TELESCOPES
OAO**MANNED REENTRY**

GS ATMOSPHERIC ENTRY

. REENTRY

. . MANNED REENTRY

SPACE FLIGHT

. MANNED SPACE FLIGHT

. . MANNED REENTRY

RT DESCENT TRAJECTORIES

ENVIRONMENTAL CONTROL

LIFTING REENTRY VEHICLES

REENTRY COMMUNICATION

SPACECRAFT REENTRY

MANNED SPACE FLIGHT

GS SPACE FLIGHT

. MANNED SPACE FLIGHT

. . APOLLO 6 FLIGHT

. . APOLLO 7 FLIGHT

. . APOLLO 8 FLIGHT

. . APOLLO 9 FLIGHT

. . APOLLO 10 FLIGHT

. . APOLLO 11 FLIGHT

. . APOLLO 12 FLIGHT

MANNED SPACE FLIGHT-(CONT.)

. . APOLLO 13 FLIGHT

. . APOLLO 14 FLIGHT

. . APOLLO 15 FLIGHT

. . APOLLO 16 FLIGHT

. . APOLLO 17 FLIGHT

. . GEMINI FLIGHTS

. . . GEMINI 3 FLIGHT

. . . GEMINI 4 FLIGHT

. . . GEMINI 5 FLIGHT

. . . GEMINI 6 FLIGHT

. . . GEMINI 7 FLIGHT

. . . GEMINI 8 FLIGHT

. . . GEMINI 9 FLIGHT

. . . GEMINI 10 FLIGHT

. . . GEMINI 11 FLIGHT

. . . GEMINI 12 FLIGHT

. . MANNED REENTRY

. . MERCURY FLIGHTS

. . . MERCURY MA-1 FLIGHT

. . . MERCURY MA-2 FLIGHT

. . . MERCURY MA-3 FLIGHT

. . . MERCURY MA-4 FLIGHT

. . . MERCURY MA-5 FLIGHT

. . . MERCURY MA-6 FLIGHT

. . . MERCURY MA-7 FLIGHT

. . . MERCURY MA-8 FLIGHT

. . . MERCURY MA-9 FLIGHT

. . . MERCURY MR-1 FLIGHT

. . . MERCURY MR-2 FLIGHT

. . . MERCURY MR-3 FLIGHT

. . . MERCURY MR-4 FLIGHT

RT AEROSPACE ENVIRONMENTS

APOLLO EXTENSION SYSTEM

EXTRAVEHICULAR ACTIVITY

GEMINI (GT-1) SPACECRAFT

GEMINI B SPACECRAFT

GEMINI SPACECRAFT

GEMINI 2 SPACECRAFT

HUMAN FACTORS ENGINEERING

INDIAN SPACE PROGRAM

INTERPLANETARY FLIGHT

INTERSTELLAR TRAVEL

INTRAVEHICULAR ACTIVITY

LONG DURATION SPACE FLIGHT

MAN OPERATED PROPULSION SYSTEMS

MERCURY PROJECT

SPACE COMMUNICATION

SPACE EXPLORATION

SPACE FLIGHT STRESS

SPACE LOGISTICS

SPACE PROGRAMS

SPACE SHUTTLE ORBITER 101

SPACE SHUTTLE ORBITERS

SPACE SHUTTLES

SPACECREW TRANSFER

SUBORBITAL FLIGHT

MANNED SPACE FLIGHT NETWORK

GS TRACKING NETWORKS

. MANNED SPACE FLIGHT NETWORK

RT ADVANCED RANGE INSTRUMENTATION

SHIP

UNIFIED S BAND

MANNED SPACECRAFT

GS MANNED SPACECRAFT

. AEROSPACEPLANES

. . ASTROPLANE

. . APOLLO SPACECRAFT

. . APOLLO LUNAR EXPERIMENT

MODULE

. . ASTRO VEHICLE

. . FERRY SPACECRAFT

. . GEMINI B SPACECRAFT

. . GEMINI SPACECRAFT

. . GEMINI (GT-1) SPACECRAFT

. . GEMINI 2 SPACECRAFT

. . JANUS SPACECRAFT

. . LUNAR MODULE

. . APOLLO LUNAR EXPERIMENT

MODULE

. . LSSM

. . LUNAR MODULE 5

. . LUNAR MODULE 7

. . MANNED ORBITAL LABORATORIES

. . MANNED ORBITAL RESEARCH

LABORATORIES

. . MARS (MANNED REUSABLE

SPACECRAFT)

. . MERCURY SPACECRAFT

. . AURORA 7

. . FAITH 7

. . FREEDOM 7

. . FRIENDSHIP 7

MANNED SPACECRAFT-(CONT.)

. . LIBERTY BELL 7

. . SIGMA 7

. . SOYUZ SPACECRAFT

. . SPACE SHUTTLES

. . SPACE STATIONS

. . ORBITAL SPACE STATIONS

. . . LONG DURATION EXPOSURE

FACILITY

. . . ORBITAL WORKSHOPS

. . . SALYUT SPACE STATION

. . . SKYLAB 1

. . . SKYLAB 2

. . . SKYLAB 3

. . . SKYLAB 4

. . . SPACE BASE COMMAND CENTER

. . VOSKHOD MANNED SPACECRAFT

. . VOSKHOD 1 SPACECRAFT

. . VOSKHOD 2 SPACECRAFT

. . VOSTOK SPACECRAFT

. . VOSTOK 1 SPACECRAFT

. . VOSTOK 2 SPACECRAFT

. . VOSTOK 3 SPACECRAFT

. . VOSTOK 4 SPACECRAFT

. . VOSTOK 5 SPACECRAFT

. . VOSTOK 6 SPACECRAFT

RT APOLLO PROJECT

APOLLO SOYUZ TEST PROJECT

APOLLO 7 FLIGHT

APOLLO 8 FLIGHT

APOLLO 10 FLIGHT

APOLLO 11 FLIGHT

APOLLO 12 FLIGHT

APOLLO 13 FLIGHT

APOLLO 14 FLIGHT

APOLLO 15 FLIGHT

APOLLO 16 FLIGHT

APOLLO 17 FLIGHT

APPROACH AND LANDING TESTS (STS)

ARTIFICIAL SATELLITES

BIOSATELLITES

BOOSTGLIDE VEHICLES

COMMAND SERVICE MODULES

EARTH SATELLITES

ENVIRONMENTAL CONTROL

GRAVITY GRADIENT SATELLITES

INTERPLANETARY SPACECRAFT

LANDING MODULES

LIFTING REENTRY VEHICLES

LUNAR LANDING MODULES

LUNAR SATELLITES

LUNAR SPACECRAFT

MANEUVERABLE SPACECRAFT

MERCURY FLIGHTS

MERCURY PROJECT

MILITARY SPACECRAFT

RECONNAISSANCE SPACECRAFT

RECOVERABLE SPACECRAFT

RENDEZVOUS SPACECRAFT

REUSABLE SPACECRAFT

SATELLITES

SPACE CAPSULES

SPACE NAVIGATION

SPACE SHUTTLE BOOSTERS

∞ SPACECRAFT

SPACECRAFT CABIN SIMULATORS

UNMANNED SPACECRAFT

X-20 AIRCRAFT

MANNING THEORY

RT FLUID FLOW

WALL FLOW

MANNITOL

GS ALIPHATIC COMPOUNDS

. SUGARS

. . MANNITOL

CARBOHYDRATES

. SUGARS

. . MANNITOL

MANOMETERS

UF MICROMANOMETERS

U TUBES

GS MEASURING INSTRUMENTS

. PRESSURE GAGES

. . MANOMETERS

BAROMETERS

BLOOD PRESSURE

FLAME PROBES

ISOTENSICOPES

PRESSURE DISTRIBUTION

PRESSURE MEASUREMENT

VACUUM GAGES

MANPOWER

MANPOWER

GS **MANPOWER**
 . SCIENTISTS
 RT ENGINEERING MANAGEMENT
 HUMAN RESOURCES
 LABOR
 PERSONNEL
 RESEARCH MANAGEMENT
 RESOURCES
 RETRAINING

MANTLE (EARTH STRUCTURE)

USE EARTH MANTLE

MANUAL

SN *(USE OF A MORE SPECIFIC TERM IS
 RECOMMENDED—CONSULT THE TERMS
 LISTED BELOW)*
 RT MANUAL CONTROL
 MANUALS

MANUAL CONTROL

GS **MANUAL CONTROL**
 . VISUAL CONTROL
 RT AIRCRAFT CONTROL
 ATTITUDE CONTROL
 AUTOMATIC CONTROL
 ∞ BUTTONS
 CONSOLES
 ∞ CONTROL
 CONTROL BOARDS
 CONTROL EQUIPMENT
 DIRECTIONAL CONTROL
 ENGINE CONTROL
 GUIDANCE (MOTION)
 HANDLES
 HELICOPTER CONTROL
 HUMAN FACTORS ENGINEERING
 KNOBS
 LANDING INSTRUMENTS
 LATERAL CONTROL
 LEVERS
 LONGITUDINAL CONTROL
 ∞ MANUAL
 PEDALS
 REENTRY GUIDANCE
 REMOTE CONTROL
 SATELLITE CONTROL
 SATELLITE GUIDANCE
 SERVOCONTROL
 SPACECRAFT CONTROL
 SPACECRAFT GUIDANCE
 SPEED CONTROL
 TEMPERATURE CONTROL

MANUALS

GS DOCUMENTS
 . **MANUALS**
 . . INSTALLATION MANUALS
 . . USER MANUALS (COMPUTER
 PROGRAMS)
 RT HANDBOOKS
 MAINTENANCE
 ∞ MANUAL
 TEXTBOOKS

MANUFACTURING

GS **MANUFACTURING**
 . LOW GRAVITY MANUFACTURING
 . SPACE MANUFACTURING
 RT AIRCRAFT PRODUCTION COSTS
 COMMERCE
 COMMODITIES
 CONTAINERLESS MELTS
 CONTRACT NEGOTIATION
 ECONOMIC DEVELOPMENT
 FABRICATION
 INDUSTRIES
 KRAFT PROCESS (WOODPULP)
 ∞ PROCESSING
 PRODUCTION MANAGEMENT
 PRODUCTS
 SPACE INDUSTRIALIZATION
 TECHNOLOGIES
 TECHNOLOGY ASSESSMENT
 TECHNOLOGY UTILIZATION

MANURES

GS WASTES
 . **MANURES**
 RT BIOMASS ENERGY PRODUCTION
 METABOLIC WASTES
 WASTE DISPOSAL
 WASTE UTILIZATION

MANY BODY PROBLEM

UF MANY PARTICLE THEORY
 RT BCS THEORY
 CELESTIAL MECHANICS
 ELEMENTARY EXCITATIONS
 FIELD THEORY (PHYSICS)
 FOUR BODY PROBLEM
 GREEN FUNCTION
 HARTREE APPROXIMATION
 ORBITAL MECHANICS
 ORBITS
 PARTICLE THEORY
 PERTURBATION
 PERTURBATION THEORY
 ∞ PROBLEMS
 QUANTUM STATISTICS
 STATISTICAL MECHANICS
 SUPERFLUIDITY
 THREE BODY PROBLEM
 TROJAN ORBITS
 TWO BODY PROBLEM

MANY PARTICLE THEORY

USE MANY BODY PROBLEM

MAP (PROGRAMMING LANGUAGE)

GS LANGUAGES
 . PROGRAMMING LANGUAGES
 . . ASSEMBLY LANGUAGE
 . . **MAP (PROGRAMMING LANGUAGE)**
 RT COMPUTER PROGRAMMING

MAP MATCHING GUIDANCE

GS GUIDANCE (MOTION)
 . **MAP MATCHING GUIDANCE**
 RT AIRBORNE EQUIPMENT
 DISPLAY DEVICES
 IMAGE CORRELATORS
 RADAR MAPS
 RADAR NAVIGATION
 TERCOM
 VIDEO LANDMARK ACQUISITION AND
 TRACKING

MAPPING

SN (EXCLUDES CONFORMAL MAPPING)
 UF CARTOGRAPHY
 FLUX MAPPING
 GS **MAPPING**
 . CADASTRAL MAPPING
 . ICE MAPPING
 . PHOTOMAPPING
 . PLANETARY MAPPING
 . SOIL MAPPING
 . THEMATIC MAPPING
 . THERMAL MAPPING
 RT ASTROGRAPHY
 BONNE PROJECTION
 CONTOURS
 DECLINATION
 FIXED POINTS (MATHEMATICS)
 FUNCTIONS (MATHEMATICS)
 GEOGRAPHIC APPLICATIONS PROGRAM
 GEOGRAPHY
 HEAT CAPACITY MAPPING MISSION
 HYPSONOGRAPHY
 MAPS
 ORTHOPHOTOGRAPHY
 PHOENIX QUADRANGLE (AZ)
 PHOTOGRAMMETRY
 PHOTOGRAPHY
 SCALE (RATIO)
 SPOT (FRENCH SATELLITE)
 SURVEYS
 TERRAIN ANALYSIS
 TOPOGRAPHY
 TOPOLOGY
 TRIANGULATION

MAPS

GS **MAPS**
 . ASTRONOMICAL MAPS
 . . PLANISPHERES
 . . LUNAR MAPS
 . . METEOROLOGICAL CHARTS
 . . PHOTOMAPS
 . . RADAR CLUTTER MAPS
 . . RADAR MAPS
 . . RELIEF MAPS
 RT BONNE PROJECTION
 CADASTRAL MAPPING
 CHARTS
 COORDINATES
 DATUM (ELEVATION)
 GEOGRAPHY

NASA THESAURUS (VOLUME 1)

MAPS-(CONT.)

∞ GLOBES
 HYPSONOGRAPHY
 MAPPING
 MERCATOR PROJECTION
 NAVIGATION AIDS
 PHOTOMAPPING
 SOIL MAPPING
 SURVEYS
 THEMATIC MAPPING

MARAGING

GS HARDENING (MATERIALS)
 . PRECIPITATION HARDENING
 . **MARAGING**
 HEAT TREATMENT
 . **MARAGING**

MARAGING STEELS

GS ALLOYS
 . HIGH STRENGTH ALLOYS
 . . HIGH STRENGTH STEELS
 . . **MARAGING STEELS**
 . . IRON ALLOYS
 . . STEELS
 . . . HIGH STRENGTH STEELS
 . . . **MARAGING STEELS**
 RT MARTENSITIC STAINLESS STEELS
 STAINLESS STEELS

MARBORE 2 ENGINE

USE J-69-T-25 ENGINE

MARGINS

RT BORDERS
 EDGES
 RIMS

MARIA

GS **MARIA**
 . LUNAR MARIA
 RT LAVA
 METEORITE CRATERS
 TOPOGRAPHY

MARIJUANA

GS DRUGS
 . CENTRAL NERVOUS SYSTEM
 DEPRESSANTS
 . . **MARIJUANA**
 RT ALKALOIDS

MARINE BIOLOGY

RT AQUATIC PLANTS
 AQUICULTURE
 ∞ BIOLOGY
 ENVIRONMENT EFFECTS
 ENVIRONMENTAL QUALITY
 FISHERIES
 LIMNOLOGY
 OCEANOGRAPHY
 SEA GRASSES
 SEALS (ANIMALS)
 SEAWEEDS
 SHELLFISHES
 THERMAL POLLUTION
 WATERFOWL
 WETLANDS

MARINE CHEMISTRY

RT BIOCHEMISTRY
 ∞ CHEMISTRY
 GEOCHEMISTRY
 HYDROLOGY
 LIMNOLOGY
 OCEAN BOTTOM
 SEDIMENTS

MARINE ENVIRONMENTS

GS ENVIRONMENTS
 . **MARINE ENVIRONMENTS**
 RT AQUICULTURE
 BEACHES
 COASTAL ECOLOGY
 COASTS
 ENVIRONMENT EFFECTS
 ICE ENVIRONMENTS
 NEARSHORE WATER
 OCEAN MODELS
 OCEANOGRAPHY
 RED TIDE
 SEA BREEZE
 SHELLFISHES
 WATERFOWL

MARINE ENVIRONMENTS-(CONT.)
WETLANDS**MARINE GEOLOGY**
USE HYDROGEOLOGY**MARINE MAMMALS**
GS ANIMALS
.. VERTEBRATES
.. MAMMALS
RT .. **MARINE MAMMALS**
DOLPHINS
PORPOISES
SEALS (ANIMALS)
WHALES**MARINE METEOROLOGY**
GS METEOROLOGY
.. HYDROMETEOROLOGY
.. **MARINE METEOROLOGY**
RT FRONTS (METEOROLOGY)
OCEANOGRAPHY
TYPHOONS
WIND (METEOROLOGY)**MARINE NAVIGATION**
USE .. SURFACE NAVIGATION**MARINE PROPULSION**
GS PROPULSION
.. **MARINE PROPULSION**
.. UNDERWATER PROPULSION
.. SUBMARINE PROPULSION
RT CHEMICAL PROPULSION
ELECTRIC PROPULSION
JET PROPULSION
NUCLEAR ELECTRIC PROPULSION
NUCLEAR PROPULSION
PROPELLER DRIVE
SAVANNAH NUCLEAR SHIP**MARINE RESOURCES**
GS RESOURCES
.. EARTH RESOURCES
.. **MARINE RESOURCES**
RT AQUICULTURE
COASTAL ECOLOGY
FISHERIES
OCEANOGRAPHY
OCEANS
SEA WATER
SHELLFISHES
UNDERWATER RESOURCES
WATER POLLUTION
WETLANDS**MARINE RUDDERS**
GS CONTROL SURFACES
.. RUDDERS
RT .. **MARINE RUDDERS**
AERIAL RUDDERS
HYDROFOILS
TAIL ASSEMBLIES**MARINE TECHNOLOGY**
GS TECHNOLOGIES
.. **MARINE TECHNOLOGY**
RT AQUICULTURE
ARTIFICIAL HARBORS
DEEPWATER TERMINALS
OCEANOGRAPHY
OFFSHORE DOCKING
OFFSHORE ENERGY SOURCES
OFFSHORE PLATFORMS
TANKER TERMINALS
WHARVES**MARINE TRANSPORTATION**
GS TRANSPORTATION
.. **MARINE TRANSPORTATION**
RT AIR TRANSPORTATION
DEEPWATER TERMINALS
HARBORS
OFFSHORE DOCKING
RAIL TRANSPORTATION
SHIPS
TANKER SHIPS
WATER VEHICLES**MARINER C SPACECRAFT**
GS INTERPLANETARY SPACECRAFT
.. MARINER SPACECRAFT
.. **MARINER C SPACECRAFT**
UNMANNED SPACECRAFT**MARINER C SPACECRAFT-(CONT.)**
.. SPACE PROBES
.. MARINER SPACECRAFT
.. **MARINER C SPACECRAFT****MARINER JUPITER-SATURN FLYBY**
GS FLYBY MISSIONS
.. GRAND TOURS
.. **MARINER JUPITER-SATURN FLYBY**
RT INTERPLANETARY FLIGHT
.. MISSIONS
.. SPACE FLIGHT
.. SPACE MISSIONS**MARINER JUPITER-URANUS FLYBY**
GS FLYBY MISSIONS
.. GRAND TOURS
.. **MARINER JUPITER-URANUS FLYBY**
RT INTERPLANETARY FLIGHT
.. MISSIONS
.. SPACE FLIGHT
.. SPACE MISSIONS**MARINER PROGRAM**
GS PROGRAMS
.. NASA PROGRAMS
.. **MARINER PROGRAM**
RT AGENA B ROCKET VEHICLE
AGENA ROCKET VEHICLES
ATLAS AGENA LAUNCH VEHICLES
ATLAS LAUNCH VEHICLES
CENTAUR PROJECT
FLYBY MISSIONS
MARS PROBES
SPACE PROBES
UNMANNED SPACECRAFT
VENUS PROBES**MARINER R 1 SPACE PROBE**
GS INTERPLANETARY SPACECRAFT
.. MARINER SPACE PROBES
.. **MARINER R 1 SPACE PROBE**
UNMANNED SPACECRAFT
.. SPACE PROBES
.. MARINER SPACE PROBES
.. **MARINER R 1 SPACE PROBE****MARINER R 2 SPACE PROBE**
GS INTERPLANETARY SPACECRAFT
.. MARINER SPACE PROBES
.. **MARINER R 2 SPACE PROBE**
UNMANNED SPACECRAFT
.. SPACE PROBES
.. MARINER SPACE PROBES
.. **MARINER R 2 SPACE PROBE****MARINER SPACE PROBES**
GS INTERPLANETARY SPACECRAFT
.. **MARINER SPACE PROBES**
.. MARINER R 1 SPACE PROBE
.. MARINER R 2 SPACE PROBE
.. MARINER VENUS-MERCURY 1973
.. MARINER 1 SPACE PROBE
.. MARINER 2 SPACE PROBE
.. MARINER 3 SPACE PROBE
.. MARINER 4 SPACE PROBE
.. MARINER 5 SPACE PROBE
.. MARINER 6 SPACE PROBE
.. MARINER 7 SPACE PROBE
.. MARINER 8 SPACE PROBE
.. MARINER 9 SPACE PROBE
.. MARINER 10 SPACE PROBE
.. MARINER 11 SPACE PROBE
UNMANNED SPACECRAFT
.. SPACE PROBES
.. **MARINER SPACE PROBES**
.. MARINER R 1 SPACE PROBE
.. MARINER R 2 SPACE PROBE
.. MARINER VENUS-MERCURY 1973
.. MARINER 1 SPACE PROBE
.. MARINER 2 SPACE PROBE
.. MARINER 3 SPACE PROBE
.. MARINER 4 SPACE PROBE
.. MARINER 5 SPACE PROBE
.. MARINER 6 SPACE PROBE
.. MARINER 7 SPACE PROBE
.. MARINER 8 SPACE PROBE
.. MARINER 9 SPACE PROBE
.. MARINER 10 SPACE PROBE
.. MARINER 11 SPACE PROBE
.. MARINER-MERCURY 1973**MARINER SPACECRAFT**
UF MARS SPACECRAFT
GS INTERPLANETARY SPACECRAFT**MARINER SPACECRAFT-(CONT.)**
.. **MARINER SPACECRAFT**
.. MARINER C SPACECRAFT
.. MARINER VENUS 67 SPACECRAFT
UNMANNED SPACECRAFT
.. SPACE PROBES
.. **MARINER SPACECRAFT**
.. MARINER C SPACECRAFT
.. MARINER VENUS 67 SPACECRAFT**MARINER VENUS 67 SPACECRAFT**
GS INTERPLANETARY SPACECRAFT
.. MARINER SPACECRAFT
.. **MARINER VENUS 67 SPACECRAFT**
UNMANNED SPACECRAFT
.. SPACE PROBES
.. MARINER SPACECRAFT
.. **MARINER VENUS 67 SPACECRAFT**
RT VENUS PROBES**MARINER VENUS-MERCURY 1973**
GS FLYBY MISSIONS
.. **MARINER VENUS-MERCURY 1973**
INTERPLANETARY SPACECRAFT
.. MARINER SPACE PROBES
.. **MARINER VENUS-MERCURY 1973**
UNMANNED SPACECRAFT
.. SPACE PROBES
.. MARINER SPACE PROBES
.. **MARINER VENUS-MERCURY 1973**
RT MARINER-MERCURY 1973**MARINER 1 SPACE PROBE**
GS INTERPLANETARY SPACECRAFT
.. MARINER SPACE PROBES
.. **MARINER 1 SPACE PROBE**
.. VENUS PROBES
.. **MARINER 1 SPACE PROBE**
UNMANNED SPACECRAFT
.. SPACE PROBES
.. MARINER SPACE PROBES
.. **MARINER 1 SPACE PROBE**
.. VENUS PROBES
.. **MARINER 1 SPACE PROBE****MARINER 2 SPACE PROBE**
GS INTERPLANETARY SPACECRAFT
.. MARINER SPACE PROBES
.. **MARINER 2 SPACE PROBE**
.. VENUS PROBES
.. **MARINER 2 SPACE PROBE**
UNMANNED SPACECRAFT
.. SPACE PROBES
.. MARINER SPACE PROBES
.. **MARINER 2 SPACE PROBE**
.. VENUS PROBES
.. **MARINER 2 SPACE PROBE**
RT ATLAS AGENA B LAUNCH VEHICLE**MARINER 3 SPACE PROBE**
GS INTERPLANETARY SPACECRAFT
.. MARINER SPACE PROBES
.. **MARINER 3 SPACE PROBE**
.. MARS PROBES
.. **MARINER 3 SPACE PROBE**
UNMANNED SPACECRAFT
.. SPACE PROBES
.. MARINER SPACE PROBES
.. **MARINER 3 SPACE PROBE**
.. MARS PROBES
.. **MARINER 3 SPACE PROBE****MARINER 4 SPACE PROBE**
GS INTERPLANETARY SPACECRAFT
.. MARINER SPACE PROBES
.. **MARINER 4 SPACE PROBE**
.. MARS PROBES
.. **MARINER 4 SPACE PROBE**
UNMANNED SPACECRAFT
.. SPACE PROBES
.. MARINER SPACE PROBES
.. **MARINER 4 SPACE PROBE**
.. MARS PROBES
.. **MARINER 4 SPACE PROBE****MARINER 5 SPACE PROBE**
GS INTERPLANETARY SPACECRAFT
.. MARINER SPACE PROBES
.. **MARINER 5 SPACE PROBE**
.. VENUS PROBES
.. **MARINER 5 SPACE PROBE**
UNMANNED SPACECRAFT
.. SPACE PROBES
.. MARINER SPACE PROBES
.. **MARINER 5 SPACE PROBE**

MARINER 6 SPACE PROBE

MARINER 5 SPACE PROBE-(CONT.)

.. VENUS PROBES
 .. MARINER 5 SPACE PROBE
 RT ATLAS AGENA LAUNCH VEHICLES

MARINER 6 SPACE PROBE

GS INTERPLANETARY SPACECRAFT
 .. MARINER SPACE PROBES
 .. MARINER 6 SPACE PROBE
 .. MARS PROBES
 .. MARINER 6 SPACE PROBE
 UNMANNED SPACECRAFT
 .. SPACE PROBES
 .. MARINER SPACE PROBES
 .. MARINER 6 SPACE PROBE
 .. MARS PROBES
 .. MARINER 6 SPACE PROBE
 RT ATLAS AGENA LAUNCH VEHICLES
 MARS 69 PROJECT

MARINER 7 SPACE PROBE

GS INTERPLANETARY SPACECRAFT
 .. MARINER SPACE PROBES
 .. MARINER 7 SPACE PROBE
 .. MARS PROBES
 .. MARINER 7 SPACE PROBE
 UNMANNED SPACECRAFT
 .. SPACE PROBES
 .. MARINER SPACE PROBES
 .. MARINER 7 SPACE PROBE
 .. MARS PROBES
 .. MARINER 7 SPACE PROBE
 RT MARS 69 PROJECT

MARINER 8 SPACE PROBE

GS INTERPLANETARY SPACECRAFT
 .. MARINER SPACE PROBES
 .. MARINER 8 SPACE PROBE
 .. MARS PROBES
 .. MARINER 8 SPACE PROBE
 UNMANNED SPACECRAFT
 .. SPACE PROBES
 .. MARINER SPACE PROBES
 .. MARINER 8 SPACE PROBE
 .. MARS PROBES
 .. MARINER 8 SPACE PROBE
 RT MARS 71 PROJECT

MARINER 9 SPACE PROBE

GS INTERPLANETARY SPACECRAFT
 .. MARINER SPACE PROBES
 .. MARINER 9 SPACE PROBE
 UNMANNED SPACECRAFT
 .. SPACE PROBES
 .. MARINER SPACE PROBES
 .. MARINER 9 SPACE PROBE

MARINER 10 SPACE PROBE

GS INTERPLANETARY SPACECRAFT
 .. MARINER SPACE PROBES
 .. MARINER 10 SPACE PROBE
 .. MARS PROBES
 .. MARINER 10 SPACE PROBE
 UNMANNED SPACECRAFT
 .. SPACE PROBES
 .. MARINER SPACE PROBES
 .. MARINER 10 SPACE PROBE
 .. MARS PROBES
 .. MARINER 10 SPACE PROBE

MARINER 11 SPACE PROBE

GS INTERPLANETARY SPACECRAFT
 .. MARINER SPACE PROBES
 .. MARINER 11 SPACE PROBE
 UNMANNED SPACECRAFT
 .. SPACE PROBES
 .. MARINER SPACE PROBES
 .. MARINER 11 SPACE PROBE

MARINER-MERCURY 1973

GS FLYBY MISSIONS
 .. MARINER-MERCURY 1973
 UNMANNED SPACECRAFT
 .. SPACE PROBES
 .. MARINER SPACE PROBES
 .. MARINER-MERCURY 1973
 RT MARINER VENUS-MERCURY 1973

MARISAT SATELLITES

GS SATELLITES
 .. ARTIFICIAL SATELLITES
 .. MARISAT SATELLITES
 .. MARISAT 1 SATELLITE
 .. EARTH SATELLITES
 .. MARISAT SATELLITES

MARISAT SATELLITES-(CONT.)

.. MARISAT 1 SATELLITE
 COMMUNICATION
 FLEET SATELLITE COMMUNICATION
 SYSTEM
 MAROTS (ESA)
 RADIO COMMUNICATION

MARISAT 1 SATELLITE

GS SATELLITES
 .. ARTIFICIAL SATELLITES
 .. MARISAT SATELLITES
 .. MARISAT 1 SATELLITE
 .. EARTH SATELLITES
 .. MARISAT SATELLITES
 .. MARISAT 1 SATELLITE
 RT RADIO COMMUNICATION

MARITIME COMMUNICATION SATELLITE (ESA)

USE MAROTS (ESA)

MARITIME ORBITAL TEST SATELLITE

USE MAROTS (ESA)

MARITIME SATELLITES

GS SATELLITES
 .. ARTIFICIAL SATELLITES
 .. MARITIME SATELLITES
 .. ERS-1 (ESA SATELLITE)
 .. MAROTS (ESA)
 .. EARTH SATELLITES
 .. MARITIME SATELLITES
 .. ERS-1 (ESA SATELLITE)
 .. MAROTS (ESA)
 RT MSAT
 NATIONAL OCEANIC SATELLITE SYSTEM
 TOPEX

MARK 1 REENTRY BODY

GS REENTRY VEHICLES
 .. MARK 1 REENTRY BODY
 RT INTERCONTINENTAL BALLISTIC MISSILES
 INTERMEDIATE RANGE BALLISTIC
 MISSILES

MARK 1 SPACECRAFT

RT SATELLITES
 .. SPACECRAFT

MARK 2 REENTRY BODY

GS REENTRY VEHICLES
 .. MARK 2 REENTRY BODY
 RT INTERCONTINENTAL BALLISTIC MISSILES
 INTERMEDIATE RANGE BALLISTIC
 MISSILES

MARK 3 REENTRY BODY

GS REENTRY VEHICLES
 .. MARK 3 REENTRY BODY
 RT INTERCONTINENTAL BALLISTIC MISSILES
 INTERMEDIATE RANGE BALLISTIC
 MISSILES

MARK 4 REENTRY BODY

GS REENTRY VEHICLES
 .. MARK 4 REENTRY BODY
 RT INTERCONTINENTAL BALLISTIC MISSILES

MARK 5 REENTRY BODY

GS REENTRY VEHICLES
 .. MARK 5 REENTRY BODY
 RT INTERCONTINENTAL BALLISTIC MISSILES

MARK 6 REENTRY BODY

GS REENTRY VEHICLES
 .. MARK 6 REENTRY BODY
 RT INTERCONTINENTAL BALLISTIC MISSILES

MARK 10 REENTRY BODY

GS REENTRY VEHICLES
 .. MARK 10 REENTRY BODY
 RT INTERCONTINENTAL BALLISTIC MISSILES

MARK 11 REENTRY BODY

GS REENTRY VEHICLES
 .. MARK 11 REENTRY BODY
 RT INTERCONTINENTAL BALLISTIC MISSILES

MARK 12 REENTRY BODY

GS REENTRY VEHICLES
 .. MARK 12 REENTRY BODY
 RT INTERCONTINENTAL BALLISTIC MISSILES

NASA THESAURUS (VOLUME 1)

MARK 17 REENTRY BODY

GS REENTRY VEHICLES
 .. MARK 17 REENTRY BODY
 RT INTERCONTINENTAL BALLISTIC MISSILES

MARKERS

SN (USE OF A MORE SPECIFIC TERM IS
 RECOMMENDED-CONSULT THE TERM
 LISTED BELOW)
 RT BEACONS
 BUOYS
 CRAYONS
 DYES
 RADIO BEACONS
 RUNWAY LIGHTS
 SMOKE

MARKET RESEARCH

GS RESEARCH
 .. MARKET RESEARCH
 RT COMMERCE
 COMMODITIES
 CONSUMERS
 MARKETING
 PRODUCT DEVELOPMENT

MARKETING

RT COMMERCE
 CONSUMERS
 FINANCE
 INDUSTRIAL AREAS
 MANAGEMENT
 MARKET RESEARCH
 PRODUCT DEVELOPMENT
 SUPPLYING

MARKING

UF LABELING (MARKING)
 TAGGING
 GS MARKING
 .. ISOTOPIC LABELING
 RT DETECTION
 IDENTIFYING
 MATERIALS HANDLING
 PACKAGING
 STAINING
 .. TRACERS

MARKOV CHAINS

GS STOCHASTIC PROCESSES
 .. MARKOV CHAINS
 RT MONTE CARLO METHOD
 RANDOM WALK

MARKOV PROCESSES

GS STOCHASTIC PROCESSES
 .. MARKOV PROCESSES
 RT RANDOM PROCESSES

MAROTS (ESA)

UF MARITIME COMMUNICATION SATELLITE
 (ESA)
 GS MARITIME ORBITAL TEST SATELLITE
 ESA SPACECRAFT
 .. ESA SATELLITES
 .. MAROTS (ESA)
 SATELLITES
 .. ARTIFICIAL SATELLITES
 .. COMMUNICATION SATELLITES
 .. MAROTS (ESA)
 .. ESA SATELLITES
 .. MAROTS (ESA)
 .. MAROTS (ESA)
 .. MARITIME SATELLITES
 .. MAROTS (ESA)
 .. EARTH SATELLITES
 .. COMMUNICATION SATELLITES
 .. MAROTS (ESA)
 .. ESA SATELLITES
 .. MAROTS (ESA)
 .. MARITIME SATELLITES
 .. MAROTS (ESA)
 RT EUROPEAN SPACE AGENCY
 MARISAT SATELLITES
 RANGEFINDING
 RESCUE OPERATIONS
 SHIP TERMINALS

MARQUARDT R4D ENGINE

GS ENGINES
 .. MARQUARDT R4D ENGINE
 RT APOLLO PROJECT
 AUXILIARY PROPULSION
 COMMAND MODULES
 .. REACTION CONTROL
 SATELLITE ATTITUDE CONTROL

- MARQUARDT R4D ENGINE-(CONT.)**
SPACECRAFT CONTROL
- MARROW**
GS ANATOMY
.. MUSCULOSKELETAL SYSTEM
.. BONES
... **MARROW**
.. CONNECTIVE TISSUE
... **MARROW**
- MARS**
SN *(USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)*
RT MARS (MANNED REUSABLE
SPACECRAFT)
MARS (PLANET)
NAVIGATION AIDS
TRACKING STATIONS
- MARS (MANNED REUSABLE SPACECRAFT)**
SN (NOT RESTRICTED ONLY TO
SPACECRAFT FOR FLIGHT TO PLANET
MARS)
UF MANNED AERODYNAMIC REUSABLE
SPACESHIP
GS MANNED SPACECRAFT
.. **MARS (MANNED REUSABLE
SPACECRAFT)**
.. REENTRY VEHICLES
.. RECOVERABLE SPACECRAFT
.. REUSABLE SPACECRAFT
... **MARS (MANNED REUSABLE
SPACECRAFT)**
RT FERRY SPACECRAFT
MANEUVERABLE SPACECRAFT
MARS
- MARS (PLANET)**
GS CELESTIAL BODIES
.. PLANETS
.. TERRESTRIAL PLANETS
... **MARS (PLANET)**
RT AMOR ASTEROID
APOLLO ASTEROIDS
DEIMOS
DUST STORMS
MARS
MARS ATMOSPHERE
MARS ENVIRONMENT
MARS SURFACE
MARS VOLCANOES
PHOBOS
PLANETARY CRATERS
POLAR CAPS
- MARS ATMOSPHERE**
GS ENVIRONMENTS
.. EXTRATERRESTRIAL ENVIRONMENTS
.. PLANETARY ENVIRONMENTS
... MARS ENVIRONMENT
... **MARS ATMOSPHERE**
.. PLANETARY ATMOSPHERES
... **MARS ATMOSPHERE**
RT AEROSPACE ENVIRONMENTS
MARS (PLANET)
MARS VOLCANOES
- MARS CRATERS**
GS CRATERS
.. PLANETARY CRATERS
... **MARS CRATERS**
RT CRATERING
EJECTA
IMPACT DAMAGE
METEORITE CRATERS
METEORITIC DAMAGE
- MARS ENVIRONMENT**
GS ENVIRONMENTS
.. EXTRATERRESTRIAL ENVIRONMENTS
.. PLANETARY ENVIRONMENTS
... **MARS ENVIRONMENT**
... MARS ATMOSPHERE
RT DUST STORMS
MARS (PLANET)
MARS VOLCANOES
- MARS EXCURSION MODULE**
UF MEM (EXCURSION MODULE)
GS MODULES
.. SPACECRAFT MODULES
.. LANDING MODULES
... **MARS EXCURSION MODULE**
- MARS EXCURSION MODULE-(CONT.)**
SOFT LANDING SPACECRAFT
.. LANDING MODULES
.. **MARS EXCURSION MODULE**
- MARS LANDING**
GS LANDING
.. SPACECRAFT LANDING
... **MARS LANDING**
RT AEPS
PLANETARY LANDING
SOFT LANDING
VIKING 75 ENTRY VEHICLE
- MARS PHOTOGRAPHS**
GS PHOTOGRAPHS
.. **MARS PHOTOGRAPHS**
RT SATELLITE-BORNE PHOTOGRAPHY
SPACEBORNE PHOTOGRAPHY
- MARS PROBES**
GS INTERPLANETARY SPACECRAFT
.. **MARS PROBES**
.. ADVANCED RECONN ELECTRIC
SPACECRAFT
.. MARINER 3 SPACE PROBE
.. MARINER 4 SPACE PROBE
.. MARINER 6 SPACE PROBE
.. MARINER 7 SPACE PROBE
.. MARINER 8 SPACE PROBE
.. MARINER 10 SPACE PROBE
.. MARS 1 SPACECRAFT
.. MARS 2 SPACECRAFT
.. MARS 3 SPACECRAFT
.. MARS 4 SPACECRAFT
.. VIKING SPACECRAFT
.. VIKING 1 SPACECRAFT
.. VIKING LANDER SPACECRAFT
.. VIKING LANDER 1
.. VIKING ORBITER SPACECRAFT
.. VIKING ORBITER 1
.. VIKING 2 SPACECRAFT
.. VIKING LANDER SPACECRAFT
.. VIKING LANDER 2
.. VIKING ORBITER SPACECRAFT
.. VIKING ORBITER 2
.. VIKING 75 ENTRY VEHICLE
.. ZOND 2 SPACE PROBE
UNMANNED SPACECRAFT
.. SPACE PROBES
.. **MARS PROBES**
.. ADVANCED RECONN ELECTRIC
SPACECRAFT
.. MARINER 3 SPACE PROBE
.. MARINER 4 SPACE PROBE
.. MARINER 6 SPACE PROBE
.. MARINER 7 SPACE PROBE
.. MARINER 8 SPACE PROBE
.. MARINER 10 SPACE PROBE
.. MARS 1 SPACECRAFT
.. MARS 2 SPACECRAFT
.. MARS 4 SPACECRAFT
.. MARS 6 SPACECRAFT
.. VIKING ORBITER 1975
.. ZOND 2 SPACE PROBE
RT MARINER PROGRAM
OUTER PLANETS EXPLORERS
VENUS PROBES
VOYAGER PROJECT
ZOND SPACE PROBES
- MARS SPACECRAFT**
USE MARINER SPACECRAFT
- MARS SURFACE**
GS PLANETARY SURFACES
.. **MARS SURFACE**
RT CANALS
DUST STORMS
MARS (PLANET)
MARS VOLCANOES
METEORITE CRATERS
PLANETARY CRATERS
TOPOGRAPHY
- MARS SURFACE SAMPLES**
GS SAMPLES
.. **MARS SURFACE SAMPLES**
RT ASSAYING
CHEMICAL ANALYSIS
SPECIMENS
VIKING LANDER 1
VIKING LANDER 2
- MARS VOLCANOES**
GS GEOLOGY
.. VOLCANOES
... **MARS VOLCANOES**
LANDFORMS
.. VOLCANOES
... **MARS VOLCANOES**
PLANETARY GEOLOGY
.. **MARS VOLCANOES**
RT BASALT
CALDERAS
CONES (VOLCANOES)
EFFUSIVES
LAVA
MARS (PLANET)
MARS ATMOSPHERE
MARS ENVIRONMENT
MARS SURFACE
MOUNTAINS
OROGRAPHY
PALEOMAGNETISM
PETROLOGY
ROUSE BELTS
VOLCANOLOGY
- MARS 1 SPACECRAFT**
GS INTERPLANETARY SPACECRAFT
.. MARS PROBES
.. **MARS 1 SPACECRAFT**
.. SOVIET SPACECRAFT
.. **MARS 1 SPACECRAFT**
.. UNMANNED SPACECRAFT
.. SPACE PROBES
.. MARS PROBES
... **MARS 1 SPACECRAFT**
- MARS 2 SPACECRAFT**
GS INTERPLANETARY SPACECRAFT
.. MARS PROBES
.. **MARS 2 SPACECRAFT**
.. SOVIET SPACECRAFT
.. **MARS 2 SPACECRAFT**
.. UNMANNED SPACECRAFT
.. SPACE PROBES
.. MARS PROBES
... **MARS 2 SPACECRAFT**
RT U.S.S.R. SPACE PROGRAM
- MARS 3 SPACECRAFT**
GS INTERPLANETARY SPACECRAFT
.. MARS PROBES
.. **MARS 3 SPACECRAFT**
.. SOVIET SPACECRAFT
.. **MARS 3 SPACECRAFT**
.. SPACECRAFT DESIGN
.. SPACECRAFT STRUCTURES
.. U.S.S.R. SPACE PROGRAM
- MARS 4 SPACECRAFT**
GS INTERPLANETARY SPACECRAFT
.. MARS PROBES
.. **MARS 4 SPACECRAFT**
.. SOVIET SPACECRAFT
.. **MARS 4 SPACECRAFT**
.. UNMANNED SPACECRAFT
.. SPACE PROBES
.. MARS PROBES
... **MARS 4 SPACECRAFT**
RT U.S.S.R. SPACE PROGRAM
- MARS 5 SPACECRAFT**
GS INTERPLANETARY SPACECRAFT
.. **MARS 5 SPACECRAFT**
.. UNMANNED SPACECRAFT
.. SPACE PROBES
.. **MARS 5 SPACECRAFT**
RT U.S.S.R. SPACE PROGRAM
- MARS 6 SPACECRAFT**
GS SOVIET SPACECRAFT
.. **MARS 6 SPACECRAFT**
.. UNMANNED SPACECRAFT
.. SPACE PROBES
.. MARS PROBES
... **MARS 6 SPACECRAFT**
RT PROBES
U.S.S.R. SPACE PROGRAM
- MARS 69 PROJECT**
GS PROGRAMS
.. NASA PROGRAMS
.. **MARS 69 PROJECT**
.. PROJECTS
.. **MARS 69 PROJECT**
RT MARINER 6 SPACE PROBE

MARS 71 PROJECT

MARS 69 PROJECT-(CONT.)

MARINER 7 SPACE PROBE
SPACE EXPLORATION

MARS 71 PROJECT

GS PROGRAMS
 . NASA PROGRAMS
 . . MARS 71 PROJECT
 . PROJECTS
 . . MARS 71 PROJECT
RT MARINER 8 SPACE PROBE
SPACE EXPLORATION

MARSHES

USE MARSHLANDS

MARSHLANDS

UF BOGS
COASTAL MARSHLANDS
MARSHES
SWAMPS
GS LAND
 . MARSHLANDS
RT BAYOUS
EARTH RESOURCES
EARTH SURFACE
FLATS (LANDFORMS)
MUSKEGS
OCEANOGRAPHY
TIDAL FLATS
WATERFOWL
WETLANDS

MARTENSITE

RT AUSTENITE
HARDENING (MATERIALS)
HEAT TREATMENT
IRON ALLOYS
MARTENSITIC STAINLESS STEELS
MICROSTRUCTURE
PHASE TRANSFORMATIONS
STEELS

MARTENSITIC STAINLESS STEELS

GS ALLOYS
 . IRON ALLOYS
 . . STEELS
 . . . STAINLESS STEELS
 MARTENSITIC STAINLESS STEELS
RT AUSTENITIC STAINLESS STEELS
MARAGING STEELS
MARTENSITE

MARTENSITIC TRANSFORMATION

GS PHASE TRANSFORMATIONS
 . MARTENSITIC TRANSFORMATION
RT AUSTENITE

MARTIN AIRCRAFT

GS MARTIN AIRCRAFT
 . B-26 AIRCRAFT
 . B-57 AIRCRAFT
RT ∞ AIRCRAFT

MARTINGALES

RT DECISION THEORY
GAME THEORY
 ∞ MATHEMATICS
PROBABILITY THEORY
STOCHASTIC PROCESSES

MARTINIQUE

GS LANDFORMS
 . ISLANDS
 . . WEST INDIES
 . . MARTINIQUE
RT NATIONS

MARVS (PROGRAMMING LANGUAGE)

GS LANGUAGES
 . PROGRAMMING LANGUAGES
 . . MACHINE ORIENTED LANGUAGES
 . . . MARVS (PROGRAMMING LANGUAGE)

MARYLAND

GS UNITED STATES OF AMERICA
 . MARYLAND
RT ALLEGHENY PLATEAU (US)
ASSATEAGUE ISLAND (MD-VA)
CHESAPEAKE BAY (US)
DELMARVA PENINSULA (DE-MD-VA)
POTOMAC RIVER VALLEY (MD-VA-WV)
SUSQUEHANNA RIVER BASIN
(MD-NY-PA)

MASCONS

GS COMPOSITION (PROPERTY)
 . CONCENTRATION (COMPOSITION)
 . . MASCONS
RT CENTER OF MASS
GRAVITY ANOMALIES
MASS
WEIGHT (MASS)

MASER OUTPUTS

GS OUTPUT
 . MASER OUTPUTS
RT ∞ COHERENCE
LASER OUTPUTS
PULSE DURATION
RADIANT FLUX DENSITY
WATER MASERS
WAVELENGTHS

MASER RESONATORS

USE MASERS

MASERS

UF MASER RESONATORS
PARAMAGNETIC AMPLIFIERS
RASERS
GS STIMULATED EMISSION DEVICES
 . MASERS
 . . GAS MASERS
 . . . HYDROGEN MASERS
 . . . INTERSTELLAR MASERS
 . . . PROTON MASERS
 . . . TRAVELING WAVE MASERS
 . . . WATER MASERS
RT AMPLIFIERS
ATOMIC CLOCKS
COHERENT ELECTROMAGNETIC RADIATION
CROSS RELAXATION
FREQUENCY STANDARDS
KRYPTON FLUORIDE LASERS
LASERS
MICROWAVE AMPLIFIERS
MOLECULAR OSCILLATORS
RESONATORS
STIMULATED EMISSION
TRANSIENT OSCILLATIONS
TWO-WAVELENGTH LASERS
ULTRAVIOLET LASERS.

MASKING

GS MASKING
 . TARGET MASKING
RT AUDIOMETRY
CHEMISORPTION
COVERINGS
PHOTOMASKS

MASKS

GS MASKS
 . OXYGEN MASKS
RT CHEMICAL DEFENSE
PROTECTIVE CLOTHING

MASONITE (TRADEMARK)

RT CELLULOSE
 ∞ CONSTRUCTION MATERIALS
TREES (PLANTS)
WOOD

MASONRY

GS MASONRY
 . BRICKS
RT CEMENTS
CERAMICS
CLAYS
CONCRETES
CONSTRUCTION
 ∞ CONSTRUCTION MATERIALS
MORTARS (MATERIAL)
STRUCTURAL MEMBERS
TILES
VENEERS

MASS

UF LOW MASS
GS MASS
 . CENTER OF MASS
 . CRITICAL MASS
 . PARTICLE MASS
 . . ELECTRON MASS
 . . PLANETARY MASS
 . . STELLAR MASS
 . . SUBCRITICAL MASS
RT CENTER OF GRAVITY

NASA THESAURUS (VOLUME 1)

MASS-(CONT.)

DE BROGLIE WAVELENGTHS
INERTIA
MASCONS
MASS TO LIGHT RATIOS
MOMENTS OF INERTIA
RELATIVISTIC EFFECTS
WEIGHT (MASS)

∞ MASS BALANCE

SN (USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)
RT BALANCE
MASS DISTRIBUTION
MATERIAL BALANCE
VARIABLE MASS SYSTEMS

MASS DISTRIBUTION

GS DISTRIBUTION (PROPERTY)
 . MASS DISTRIBUTION
RT AERODYNAMIC BALANCE
AERODYNAMIC STABILITY
ANGULAR DISTRIBUTION
BALANCE
BALLAST (MASS)
CHARGE DISTRIBUTION
COSMOLOGY
COUNTERBALANCES
DENSITY WAVE MODEL
 ∞ DISTRIBUTION
FLUX DENSITY
FORCE DISTRIBUTION
INTERGALACTIC MEDIA
INTERPLANETARY MEDIUM
INTERSTELLAR MATTER
LOADING MOMENTS
LOADS (FORCES)
 ∞ MASS BALANCE
MASS TO LIGHT RATIOS
METEOROID CONCENTRATION
MOMENT DISTRIBUTION
MOMENTS OF INERTIA
PRESSURE DISTRIBUTION
SIZE DISTRIBUTION
STAR DISTRIBUTION
STATIC LOADS
STRUCTURAL DESIGN CRITERIA
VARIABLE MASS SYSTEMS

MASS DRIVERS (PAYLOAD DELIVERY)

GS PROPULSION
 . SPACECRAFT PROPULSION
 . . ELECTROMAGNETIC PROPULSION
 . . . MASS DRIVERS (PAYLOAD DELIVERY)
RT MAGNETIC LEVITATION VEHICLES
MOON-EARTH TRAJECTORIES
REMOTE MANIPULATOR SYSTEM

MASS FILTERS

USE FLUID FILTERS

MASS FLOW

GS FLUID FLOW
 . MASS FLOW
RT CROCCO-LEE THEORY
 ∞ FLOW
FLOW THEORY
GAS FLOW
KELVIN-HELMHOLTZ INSTABILITY
KINETIC THEORY
LAMINAR FLOW
LEWIS NUMBERS
LIQUID FLOW
MOLECULAR INTERACTIONS
MULTIPHASE FLOW
PIPE FLOW
SEDIMENT TRANSPORT
SINGLE-PHASE FLOW
SLIDING
SLUMPING
SOLIDS FLOW
STEADY FLOW
STEAM FLOW
TURBULENT FLOW
UNIFORM FLOW
UNSTEADY FLOW

MASS FLOW FACTORS

RT DISCHARGE COEFFICIENT
FLOW COEFFICIENTS
HEAT TRANSFER COEFFICIENTS
HEAT TRANSMISSION
NOZZLE GEOMETRY

MASS FLOW RATE

- GS RATES (PER TIME)
- . **MASS FLOW RATE**
- RT CONVECTIVE FLOW
- DIFFUSION COEFFICIENT
- FLOW VELOCITY
- PNEUMATIC PROBES
- SPECIFIC IMPULSE
- TRANSIENT PRESSURES

MASS RATIOS

- GS RATIOS
- . **MASS RATIOS**
- . . MASS TO LIGHT RATIOS
- . . PAYLOAD MASS RATIO
- . . PROPELLANT MASS RATIO
- RT PRESSURE RATIO
- STRUCTURAL WEIGHT
- THRUST-WEIGHT RATIO

MASS SPECTRA

- GS SPECTRA
- . **MASS SPECTRA**
- RT ENERGY SPECTRA
- MOLECULAR SPECTRA
- RADIATION SPECTRA

MASS SPECTROMETERS

- UF RETARDING ION MASS
- SPECTROMETERS
- GS MEASURING INSTRUMENTS
- . SPECTROMETERS
- . . **MASS SPECTROMETERS**
- RT CHEMICAL ANALYSIS
- GAS ANALYSIS
- MICROANALYSIS
- NEUTRON ACTIVATION ANALYSIS
- QUALITATIVE ANALYSIS

MASS SPECTROMETRY

- USE MASS SPECTROSCOPY

MASS SPECTROSCOPY

- UF MASS SPECTROMETRY
- GS SPECTROSCOPY
- . **MASS SPECTROSCOPY**
- RT CHEMICAL ANALYSIS
- GAS SPECTROSCOPY
- MAGNETIC SPECTROSCOPY
- NUCLEAR RADIATION SPECTROSCOPY
- SPECTROSCOPIC ANALYSIS
- VACUUM SPECTROSCOPY

MASS TO LIGHT RATIOS

- GS RATIOS
- . MASS RATIOS
- . . **MASS TO LIGHT RATIOS**
- RT ASTRONOMY
- ASTROPHYSICS
- GALACTIC RADIATION
- INDEXES (RATIOS)
- LUMINOSITY
- LUMINOUS INTENSITY
- MASS
- MASS DISTRIBUTION
- RADIANT FLUX DENSITY
- STELLAR LUMINOSITY
- STELLAR MASS

MASS TRANSFER

- RT ABLATION
- CHARGE TRANSFER
- CONVECTIVE FLOW
- CONVECTIVE HEAT TRANSFER
- ENERGY TRANSFER
- GAS TRANSPORT
- GAS-LIQUID INTERACTIONS
- HEAT TRANSFER
- LEWIS NUMBERS
- POROUS BOUNDARY LAYER CONTROL
- SEDIMENT TRANSPORT
- TRANSFERRING
- TRANSPIRATION

MASSACHUSETTS

- GS UNITED STATES OF AMERICA
- . **MASSACHUSETTS**

MASSAGING

- GS THERAPY
- . **MASSAGING**
- RT FATIGUE (BIOLOGY)
- RELAXATION (PHYSIOLOGY)

MASSIFS

- GS LANDFORMS
- . **MASSIFS**
- RT EARTH CRUST
- ∞ FAULTS
- GEOLOGICAL FAULTS
- GEOLOGY
- MOUNTAINS

MAST SHOCK TUBES

- USE MAGNETIC ANNULAR SHOCK TUBES

MASTICATION

- UF CHEWING
- RT DIGESTING
- EATING
- TEETH

MASTOIDS

- GS ANATOMY
- . MUSCULOSKELETAL SYSTEM
- . . BONES
- . . . **MASTOIDS**
- . . SENSE ORGANS
- . . EAR
- . . . **MASTOIDS**

MATCHED FILTERS

- GS ELECTROMAGNETIC WAVE FILTERS
- . **MATCHED FILTERS**
- RT COMMUNICATION EQUIPMENT
- DEMODULATORS
- ∞ FILTERS
- MODULATORS
- SIGNAL TO NOISE RATIOS

MATCHING

- RT ADJUSTING
- COMPARISON
- FITTING
- HOMOLOGY
- IMAGE RESOLUTION
- IMPEDANCE MATCHING
- MISMATCH (ELECTRICAL)
- PATTERN REGISTRATION

MATERIAL ABSORPTION

- RT ABSORBENTS
- ABSORBERS (EQUIPMENT)
- ∞ ABSORPTION
- ASSIMILATION
- EXTRACTION
- HYGROSCOPICITY
- RADIATION ABSORPTION
- SORPTION
- WATER TREATMENT

MATERIAL BALANCE

- GS **MATERIAL BALANCE**
- . WATER BALANCE
- RT BALANCE
- HEAT BALANCE
- ∞ MASS BALANCE
- STOICHIOMETRY

MATERIAL REMOVAL (MACHINING)

- USE MACHINING

∞ MATERIALS

- SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)*

- UF SUBSTANCES
- RT ABLATIVE MATERIALS
- ABSORBENTS
- ABSORBERS (MATERIALS)
- AIRFRAME MATERIALS
- AMORPHOUS MATERIALS
- ANISOTROPIC MEDIA
- BITUMENS
- BORSIC (TRADENAME)
- BRITTLE MATERIALS
- CARBONACEOUS MATERIALS
- COMPOSITE MATERIALS
- CONCRETE STRUCTURES
- DREDGED MATERIALS
- ELECTRONS
- EPOXY MATRIX COMPOSITES
- FERRIMAGNETIC MATERIALS
- FERROMAGNETIC MATERIALS
- FISSIONABLE MATERIALS
- GLASS
- GLASSY CARBON
- GRANULAR MATERIALS

MATERIALS-(CONT.)

- GRAPHITE-EPOXY COMPOSITES
- GROUND SUPPORT EQUIPMENT
- HOLES (ELECTRON DEFICIENCIES)
- ∞ INORGANIC MATERIALS
- LOW DENSITY MATERIALS
- MAGNETIC MATERIALS
- MATERIALS HANDLING
- METAL MATRIX COMPOSITES
- MOLDING MATERIALS
- NONFLAMMABLE MATERIALS
- ORGANIC MATERIALS
- PAPER (MATERIAL)
- PHASE CHANGE MATERIALS
- PHOTOELASTIC MATERIALS
- PHOTOELECTRIC MATERIALS
- POLYMER MATRIX COMPOSITES
- POROUS MATERIALS
- PYROLYTIC MATERIALS
- RADIOACTIVE MATERIALS
- RADOME MATERIALS
- REACTOR MATERIALS
- REFRACTORY MATERIALS
- RESERVES
- RESOURCES
- SELF LUBRICATING MATERIALS
- SEMICONDUCTORS (MATERIALS)
- SOLIDS
- THERMOCHROMATIC MATERIALS
- THERMOELECTRIC MATERIALS
- THREE DIMENSIONAL COMPOSITES
- VITREOUS MATERIALS
- VYCOR

MATERIALS HANDLING

- GS **MATERIALS HANDLING**
- . GROUND HANDLING
- . PROPELLANT TRANSFER
- . REMOTE HANDLING
- RT AIRFIELD SURFACE MOVEMENTS
- ∞ AUTOMATION
- BLOWERS
- CANALS
- CARGO
- CARGO AIRCRAFT
- CARTS
- CHEMICAL ENGINEERING
- CHUTES
- ∞ CONTAINERS
- CONTINGENCY
- CONVEYORS
- CRANES
- DELIVERY
- DISPENSERS
- DISPOSAL
- DISTRIBUTING
- ∞ DISTRIBUTION
- DISTRIBUTORS
- DOLLIES
- DUMPING
- EJECTION
- EJECTORS
- EMPTYING
- ENCAPSULATING
- EXCAVATION
- FEEDERS
- FEEDING (SUPPLYING)
- FLUID FLOW
- FUEL PUMPS
- HAULING
- HEAVY LIFT AIRSHIPS
- HOPPERS
- LOADING OPERATIONS
- LUNAR LOGISTICS
- MARKING
- ∞ MATERIALS
- MECHANICAL ENGINEERING
- MINES (EXCAVATIONS)
- MOORING
- PACKAGING
- PIPELINES
- ∞ PUMPING
- PUMPS
- RAILROAD HUMPING TESTS
- RELEASING
- RIGGING
- SERVICES
- SIPHONS
- SPRAYERS
- SPREADING
- STACKS
- ∞ STORAGE
- TANKS (CONTAINERS)
- TRACTORS
- TRANSFERRING
- TRANSPORTATION

MATERIALS RECOVERY

MATERIALS HANDLING-(CONT.)

TRUCKS
UNLOADING
VACUUM PUMPS
WASTE DISPOSAL
WHARVES

MATERIALS RECOVERY

SN (TREATMENT OF A MATERIAL TO RECLAIM ONE OR MORE OF ITS COMPONENTS)
GS RECLAMATION
 . MATERIALS RECOVERY
 . NUCLEAR FUEL REPROCESSING
 . WATER RECLAMATION
RT ∞ ABSORPTION
 BY PRODUCTS
 CENTRIFUGING
 CRYSTALLIZATION
 DISPOSAL
 DISTILLATION
 EXTRACTION
 FILTRATION
 ∞ PRECIPITATION
 PRECIPITATION (CHEMISTRY)
 ∞ PROCESSING
 ∞ RECOVERY
 RECYCLING
 REFINING
 REMOVAL
 ∞ SEPARATION

∞ MATERIALS SCIENCE

SN (USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)
RT CERAMICS
 LASER CUTTING
 METAL FOAMS
 PLASTICS
 ∞ PROPERTIES
 ∞ SCIENCE

MATERIALS TESTING REACTORS

USE NUCLEAR RESEARCH AND TEST REACTORS

∞ MATERIALS TESTS

SN (USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERM LISTED BELOW)
RT CHARPY IMPACT TEST
 CHEMICAL ANALYSIS
 COMPRESSION TESTS
 CORROSION TESTS
 DESTRUCTIVE TESTS
 ELECTROPHOTOMETRY
 ENVIRONMENTAL TESTS
 FATIGUE TESTS
 FUEL TESTS
 GAS ANALYSIS
 HARDNESS TESTS
 HIGH TEMPERATURE TESTS
 IMPACT TESTS
 LUBRICANT TESTS
 MAGNETIC MEASUREMENT
 MECHANICAL PROPERTIES
 METALLOGRAPHY
 MICROANALYSIS
 NEUTRON RADIOGRAPHY
 NONDESTRUCTIVE TESTS
 PROPELLANT TESTS
 QUALITY
 QUALITY CONTROL
 RADIOGRAPHY
 SPECIFICATIONS
 STATIC TESTS
 ULTRASONIC TESTS
 WEAR TESTS
 X RAY ANALYSIS
 X RAY SPECTROSCOPY

MATHEMATICAL ANALYSIS

USE APPLICATIONS OF MATHEMATICS

MATHEMATICAL LOGIC

GS MATHEMATICAL LOGIC
 . ALGORITHMS
 . PARSING ALGORITHMS
 . SIMPLEX METHOD
 . AXIOMS
 . FORMULAS (MATHEMATICS)
 . BETHE-HEITLER FORMULA
 . LATTICES (MATHEMATICS)
 . BOOLEAN ALGEBRA

MATHEMATICAL LOGIC-(CONT.)

... BOOLEAN FUNCTIONS
 . SET THEORY
 . BOREL SETS
 . EQUIVALENCE
 . THRESHOLD LOGIC
RT BRANCHING (MATHEMATICS)
 FUNCTIONS (MATHEMATICS)
 HYPOTHESES
 INDUCTION (MATHEMATICS)
 INSTRUCTION SETS (COMPUTERS)
∞ LOGIC
 PHILOSOPHY
 PROVING
 THEOREMS
 TURING MACHINES
 VENN DIAGRAMS

MATHEMATICAL MODELS

UF ISING MODEL
GS MODELS
 . MATHEMATICAL MODELS
 . ANALOG SIMULATION
 . BIOLOGICAL MODELS (MATHEMATICS)
 . DIGITAL SIMULATION
 . THOMAS-FERMI MODEL
 . VENEZIANO MODEL
RT AIRCRAFT MODELS
 ∞ APPLICATIONS OF MATHEMATICS
 ASTRONOMICAL MODELS
 ATMOSPHERIC MODELS
 BOND GRAPHS
 BROKEN SYMMETRY
 COMPUTER SYSTEMS SIMULATION
 COMPUTERIZED SIMULATION
 DECISION THEORY
 DYNAMIC MODELS
 DYNAMIC PROGRAMMING
 EXHAUST FLOW SIMULATION
 EXPERIMENTAL DESIGN
 FACTORIAL DESIGN
 FLOW CHARTS
 FOOTPRINTS
 FORECASTING
 FUNCTIONS (MATHEMATICS)
 GAME THEORY
 GOODNESS OF FIT
 GRAPH THEORY
 INELASTIC STRESS
 INVENTORY CONTROLS
 LIKELIHOOD RATIO
 LINEAR PREDICTION
 LOFTING
 LUMPED PARAMETER SYSTEMS
 METHOD OF MOMENTS
 ∞ MISSILE SIMULATORS
 MONTE CARLO METHOD
 NUMERICAL WEATHER FORECASTING
 OCEAN MODELS
 OPERATIONS RESEARCH
 OUTLIERS (STATISTICS)
 PARAMETER IDENTIFICATION
 PARAMETERIZATION
 QUANTILES
 QUEUEING THEORY
 REGRESSION COEFFICIENTS
 RISK
 ROBUSTNESS (MATHEMATICS)
 SCHEDULING
 SIMILARITY THEOREM
 SIMULATION
 SPACECRAFT MODELS
 STATISTICAL DISTRIBUTIONS
 STOCHASTIC PROCESSES
 SYSTEM IDENTIFICATION
 SYSTEMS ANALYSIS
 SYSTEMS ENGINEERING
 SYSTEMS SIMULATION
 TRAJECTORY ANALYSIS
 TWO DIMENSIONAL BODIES
 VALIDITY
 WAR GAMES

MATHEMATICAL PROGRAMMING

GS RESEARCH
 . OPERATIONS RESEARCH
 . MATHEMATICAL PROGRAMMING
 . LINEAR PROGRAMMING
 . NONLINEAR PROGRAMMING
 . QUADRATIC PROGRAMMING
RT COMPUTER PROGRAMMING
 GAME THEORY
 OPTIMIZATION
 ∞ PROGRAMMING
 SIMPLEX METHOD

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MATHEMATICAL TABLES

GS TABLES (DATA)
 . MATHEMATICAL TABLES
RT INFORMATION
 NUMERICAL ANALYSIS
 RANDOM NUMBERS

∞ MATHEMATICS

SN (USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)
RT ALGEBRA
 ANALYSIS (MATHEMATICS)
 AXIOMS
 BOND GRAPHS
 CALCULUS
 CURRENT ALGEBRA
 CUSPS
 DUALITY THEOREM
 FORMULAS (MATHEMATICS)
 FUNCTIONS (MATHEMATICS)
 GEOMETRY
 INEQUALITIES
 INFORMATION THEORY
 LATIN SQUARE METHOD
 LATTICES (MATHEMATICS)
 MARTINGALES
 MORPHOLOGY
 NUMBER THEORY
 NUMERICAL ANALYSIS
 PRIMITIVE EQUATIONS
 ∞ PRINCIPLES
 PROBABILITY THEORY
 RINGS (MATHEMATICS)
 ∞ SCIENCE
 SERIES EXPANSION
 STARS (MATHEMATICS)
 STATISTICAL ANALYSIS
 SUPERPOSITION (MATHEMATICS)
 SYMBOLS
 THEOREMS

MATHIEU EQUATION

USE MATHIEU FUNCTION

MATHIEU FUNCTION

UF MATHIEU EQUATION
GS ANALYSIS (MATHEMATICS)
 . COMPLEX VARIABLES
 . MATHIEU FUNCTION
 FUNCTIONS (MATHEMATICS)
 . MATHIEU FUNCTION
RT BOUNDARY VALUE PROBLEMS
 DIFFERENTIAL EQUATIONS
 EIGENVECTORS
 HILL DETERMINANT
 ORTHOGONAL FUNCTIONS

MATRA MISSILE

GS MISSILES
 . AIR TO AIR MISSILES
 . MATRA MISSILE
RT SOLID PROPELLANT ROCKET ENGINES

∞ MATRICES

SN (USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)
RT COMPOSITE MATERIALS
 EPOXY MATRIX COMPOSITES
 EUTECTIC COMPOSITES
 ∞ GRIDS
 ∞ IMBEDDINGS
 LATTICES (MATHEMATICS)
 MATRICES (CIRCUITS)
 MATRICES (MATHEMATICS)
 METAL MATRIX COMPOSITES
 MONOTECTIC ALLOYS
 POLYMER MATRIX COMPOSITES

MATRICES (CIRCUITS)

GS CIRCUITS
 . MATRICES (CIRCUITS)
RT LOGIC CIRCUITS
 ∞ MATRICES
 SWITCHING CIRCUITS

MATRICES (MATHEMATICS)

UF DIFFERENTIAL ALGEBRA
 MATRIX ANALYSIS
GS ALGEBRA
 . VECTOR SPACES
 . MATRICES (MATHEMATICS)
 . ADJOINTS
 . CANONICAL FORMS

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MATRICES (MATHEMATICS)-(CONT.)

... EIGENVALUES
... EIGENVECTORS
... JORDAN FORM
... STIFFNESS MATRIX
RT ARRAYS
CHIRAL DYNAMICS
DETERMINANTS
ENERGY METHODS
FACTOR ANALYSIS
FINITE ELEMENT METHOD
HERMITIAN POLYNOMIAL
HESSIAN MATRICES
ISOPERIMETRIC PROBLEM
LINEAR EQUATIONS
LINEAR PROGRAMMING
LINEAR TRANSFORMATIONS
LUMPED PARAMETER SYSTEMS
∞ MATRICES
METHOD OF MOMENTS
ROOTS OF EQUATIONS
SIMPLEX METHOD
SIMULTANEOUS EQUATIONS
SUBGROUPS
U SPIN SPACE
WALSH FUNCTION

MATRIX ANALYSIS

USE MATRICES (MATHEMATICS)

MATRIX MANAGEMENT

GS MANAGEMENT
RT . MATRIX MANAGEMENT
ALLOCATIONS
LOGISTICS
MANAGEMENT METHODS
∞ METHODOLOGY
OPERATIONS RESEARCH
PRODUCTIVITY
PROJECT PLANNING
SCHEDULING
TASKS

MATRIX MATERIALS

RT COMPOSITE MATERIALS
FIBER REINFORCED COMPOSITES
LAMINATES
REINFORCING MATERIALS

MATRIX METHODS

SN (LIMITED TO METHODS FOR
STRUCTURAL ANALYSIS)
UF MATRIX STRESS CALCULATION
GS STRUCTURAL ANALYSIS
RT . MATRIX METHODS
EQUILIBRIUM METHODS
∞ METHODOLOGY
NASTRAN
SPLINE FUNCTIONS

MATRIX STRESS CALCULATION

USE MATRIX METHODS

MATRIX THEORY

RT OPERATORS (MATHEMATICS)
∞ THEORIES

MATTER (PHYSICS)

RT ANTIMATTER
EXTRATERRESTRIAL MATTER
ROTATING MATTER

MATTS (SYSTEMS)

UF MULTIPLE TARGET TRAJECTORY
SYSTEMS
GS TRACKING NETWORKS
RT . MATTS (SYSTEMS)
ABORT TRAJECTORIES
AIRBORNE EQUIPMENT
ANGULAR CORRELATION
TARGET ACQUISITION

MATURING

USE GROWTH

MAULER MISSILE

GS MISSILES
... ANTI-AIRCRAFT MISSILES
... MAULER MISSILE
... ANTIMISSILE MISSILES
... MAULER MISSILE
... SURFACE TO AIR MISSILES
... MAULER MISSILE
RT SINGLE STAGE ROCKET VEHICLES

MAULER MISSILE-(CONT.)

SOLID PROPELLANT ROCKET ENGINES

MAURITANIA

RT AFRICA
NATIONS

MAVERICK MISSILES

GS MISSILES
... AIR TO SURFACE MISSILES
... MAVERICK MISSILES

MAX HOLSTE MH-260 AIRCRAFT

USE MH-260 AIRCRAFT

MAX HOLSTE MH-262 AIRCRAFT

USE MH-262 AIRCRAFT

MAXIMA

GS ANALYSIS (MATHEMATICS)
... REAL VARIABLES
... EXTREMUM VALUES
... MAXIMA
RT APEXES
CALCULUS OF VARIATIONS
CUSPS (MATHEMATICS)
MINIMA
OPTIMIZATION
∞ PEAKS
PENALTY FUNCTION
RANGE (EXTREMES)
ZENITH

MAXIMUM ENTROPY METHOD

GS ENTROPY (STATISTICS)
... MAXIMUM ENTROPY METHOD
SPECTRUM ANALYSIS
RT . MAXIMUM ENTROPY METHOD
DISTRIBUTION FUNCTIONS
ENTROPY
FOURIER TRANSFORMATION
INFORMATION THEORY
POWER SPECTRA
SIGNAL PROCESSING
SIGNAL TO NOISE RATIOS
STATISTICAL ANALYSIS
TIME SERIES ANALYSIS

MAXIMUM LIKELIHOOD ESTIMATES

RT CONFIDENCE LIMITS
FORECASTING
GOODNESS OF FIT
LIKELIHOOD RATIO
PARAMETER IDENTIFICATION
PREDICTIONS
RELIABILITY
RISK
SYSTEM IDENTIFICATION

MAXIMUM PRINCIPLE

RT COMPLEX VARIABLES
DIFFERENTIAL EQUATIONS
ELLIPTIC DIFFERENTIAL EQUATIONS
HARMONIC FUNCTIONS
PONTRYAGIN PRINCIPLE
REAL VARIABLES

MAXIMUM USABLE FREQUENCY

GS FREQUENCIES
... MAXIMUM USABLE FREQUENCY
RT FREQUENCY ASSIGNMENT
FREQUENCY REUSE
HIGH FREQUENCIES
VERY HIGH FREQUENCIES

MAXWELL BODIES

RT CLASSICAL MECHANICS
CONTINUUM MECHANICS
HOOKES LAW
OSCILLATION DAMPERS
RELAXATION TIME

MAXWELL EQUATION

RT BOLTZMANN-VLASOV EQUATION
BORN-INFELD THEORY
ELECTRICITY
ELECTRODYNAMICS
ELECTROMECHANICS
∞ EQUATIONS
GAUSS EQUATION
MAGNETIC CHARGE DENSITY
MAGNETIC PROPERTIES
MAGNETOELECTRIC MEDIA
POYNTING THEOREM

MCDONNELL DOUGLAS AIRCRAFT

MAXWELL EQUATION-(CONT.)

∞ STOKES LAW

MAXWELL FLUIDS

RT COMPRESSIBLE FLUIDS
FLUID MECHANICS
∞ FLUIDS
RHEOLOGY
VISCOELASTICITY
VISCOUS FLOW
VISCOUS FLUIDS

MAXWELL-BOLTZMANN DENSITY FUNCTION

UF MAXWELLIAN DISTRIBUTION (DENSITY)
FUNCTIONS (MATHEMATICS)
GS . MAXWELL-BOLTZMANN DENSITY
FUNCTION
STATISTICAL ANALYSIS
RT . MAXWELL-BOLTZMANN DENSITY
FUNCTION
DENSITY DISTRIBUTION
KINETIC THEORY
PROBABILITY THEORY
STATISTICAL MECHANICS

MAXWELL-MOHR METHOD

RT DEFLECTION
∞ EQUILIBRIUM
∞ METHODOLOGY
STATIC DEFORMATION
TRUSSES

MAXWELLIAN DISTRIBUTION (DENSITY)

USE MAXWELL-BOLTZMANN DENSITY
FUNCTION

MAYER PROBLEM

RT ∞ CONDENSATION
CRITICAL POINT
GIBBS FREE ENERGY
∞ MOLECULAR PHYSICS
∞ PROBLEMS
SUPERSATURATION

MAYPOLE ANTENNAS

RT ANTENNA DESIGN
LARGE SPACE STRUCTURES
SPACE ERECTABLE STRUCTURES

MAZE LEARNING

GS LEARNING
RT . MAZE LEARNING
PROBLEM SOLVING

MB-1 ROCKET VEHICLE

USE GENIE ROCKET VEHICLE

MBM JUNCTIONS

UF METAL-BARRIER-METAL JUNCTIONS
GS SEMICONDUCTOR JUNCTIONS
RT . MBM JUNCTIONS
BARRIER LAYERS
JUNCTION TRANSISTORS

MCDONNELL AIRCRAFT

GS MCDONNELL DOUGLAS AIRCRAFT
... MCDONNELL AIRCRAFT
... C-9 AIRCRAFT
... DC 10 AIRCRAFT
... F-101 AIRCRAFT
... PHANTOM AIRCRAFT
... F-4 AIRCRAFT
... RF-4 AIRCRAFT
RT ∞ AIRCRAFT

MCDONNELL DOUGLAS AIRCRAFT

GS MCDONNELL DOUGLAS AIRCRAFT
... A-1 AIRCRAFT
... DOUGLAS AIRCRAFT
... A-3 AIRCRAFT
... A-4 AIRCRAFT
... B-66 AIRCRAFT
... C-9 AIRCRAFT
... C-47 AIRCRAFT
... C-54 AIRCRAFT
... C-118 AIRCRAFT
... C-124 AIRCRAFT
... C-133 AIRCRAFT
... D-558 AIRCRAFT
... DC 3 AIRCRAFT
... DC 7 AIRCRAFT
... DC 8 AIRCRAFT
... DC 9 AIRCRAFT
... DC 10 AIRCRAFT

MCLAURIN SERIES

MCDONNELL DOUGLAS AIRCRAFT-(CONT.)

.. PD-808 AIRCRAFT
.. X-3 AIRCRAFT
.. F-18 AIRCRAFT
.. MCDONNELL AIRCRAFT
.. C-9 AIRCRAFT
.. DC 10 AIRCRAFT
.. F-101 AIRCRAFT
.. PHANTOM AIRCRAFT
.. F-4 AIRCRAFT
.. RF-4 AIRCRAFT
RT .. AIRCRAFT

MCLAURIN SERIES

USE MACLAURIN SERIES

MCLEOD GAGES

GS MEASURING INSTRUMENTS
.. PRESSURE GAGES
.. VACUUM GAGES
.. .. MCLEOD GAGES
VACUUM APPARATUS
.. VACUUM GAGES
.. MCLEOD GAGES
RT IONIZATION GAGES
.. KNUDSEN GAGES
.. PIRANI GAGES
.. PRESSURE MEASUREMENT

MCMURDO SOUND

GS REGIONS
.. POLAR REGIONS
.. ANTARCTIC REGIONS
.. .. MCMURDO SOUND
SOUTHERN HEMISPHERE
.. ANTARCTIC REGIONS
.. MCMURDO SOUND
RT ROSS ICE SHELF

MCR REACTORS

USE MILITARY COMPACT REACTORS

MDA

USE MULTIPLE DOCKING ADAPTERS

ME P-160 AIRCRAFT

USE P-160 AIRCRAFT

ME P-308 AIRCRAFT

USE P-308 AIRCRAFT

MEADOWLANDS

USE GRASSLANDS

MEAN

GS AVERAGE
.. MEAN
.. MOMENTS
.. DISTRIBUTION MOMENTS
.. MEAN
RT MEDIAN (STATISTICS)
.. MODE (STATISTICS)
.. NORMALITY
.. QUALITY CONTROL
.. RANGE (EXTREMES)
.. STATISTICAL ANALYSIS
.. VARIANCE (STATISTICS)

MEAN FREE PATH

RT COLLISION PARAMETERS
.. CROSS SECTIONS
.. KNUDSEN FLOW
.. PARTICLE COLLISIONS
.. PARTICLE MOTION
.. PATHS
.. SCATTERING
.. VACUUM

MEAN SQUARE VALUES

GS ANALYSIS (MATHEMATICS)
.. NUMERICAL ANALYSIS
.. APPROXIMATION
.. .. MEAN SQUARE VALUES
RT ALGORITHMS
.. ERROR ANALYSIS
.. LEAST SQUARES METHOD

MEAN TIME BETWEEN FAILURES

USE MTBF

MEANDERS

RT OPEN CHANNEL FLOW
.. RAPIDS
.. RIVER BASINS

MEANDERS-(CONT.)

RIVERS
STREAMS
TOPOGRAPHY
VALLEYS

MEASURE AND INTEGRATION

UF INTEGRATION (REAL VARIABLES)
.. MEASURE THEORY
.. RIEMANN INTEGRAL
GS ANALYSIS (MATHEMATICS)
.. REAL VARIABLES
.. .. MEASURE AND INTEGRATION
.. .. BINARY INTEGRATION
.. .. BOREL SETS
.. .. FUNCTIONAL INTEGRATION
.. .. INTEGRAL CALCULUS
.. .. J INTEGRAL
.. .. LEBESGUE THEOREM
.. .. NUMERICAL INTEGRATION
.. .. RUNGE-KUTTA METHOD
.. .. STIELTJES INTEGRAL
.. .. WEIGHTING FUNCTIONS
RT FOURIER ANALYSIS

MEASURE THEORY

USE MEASURE AND INTEGRATION

MEASUREMENT

SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)*
UF DETERMINATION
.. MEASURING
.. QUANTIZATION
RT ACCURACY
.. ACOUSTIC MEASUREMENT
.. AIRBORNE RANGE AND ORBIT
.. DETERMINATION
.. AIRCRAFT INSTRUMENTS
.. ANALOG DATA
.. ASTROMETRY
.. AUDIOMETRY
.. CHEMICAL ANALYSIS
.. CONFIDENCE LIMITS
.. CONSISTENCY
.. COUNTING
.. DATA
.. DEFINITION
.. DENSIMETERS
.. DENSITY MEASUREMENT
.. DEPTH MEASUREMENT
.. DETECTION
.. DILATOMETRY
.. DIMENSIONAL MEASUREMENT
.. DOWNRANGE ANTIMISSILE
.. .. MEASUREMENT PROGRAM
.. DOWNRANGE MEASUREMENT
.. DRAG MEASUREMENT
.. EARTH TERMINAL MEASUREMENT
.. SYSTEM
.. ELECTRICAL MEASUREMENT
.. ELECTROMAGNETIC MEASUREMENT
.. ELECTROMAGNETIC NOISE
.. MEASUREMENT
.. ESTIMATING
.. EVALUATION
.. EXAMINATION
.. FLOW MEASUREMENT
.. FREQUENCY MEASUREMENT
.. FRICTION MEASUREMENT
.. GAMMA RAY ABSORPTIOMETRY
.. GEOMETRY
.. GRAVIMETRY
.. HEAT MEASUREMENT
.. HIGH ALT TARGET AND BACKGROUND
.. MEASUREMENT
.. HUMIDITY MEASUREMENT
.. IDENTIFYING
.. INTERNATIONAL SYSTEM OF UNITS
.. LATITUDE MEASUREMENT
.. LONGITUDE MEASUREMENT
.. MACROSCOPIC EQUATIONS
.. MAGNETIC MEASUREMENT
.. MEASURES
.. MEASURING INSTRUMENTS
.. MECHANICAL MEASUREMENT
.. METROLOGY
.. MONITORS
.. NOISE MEASUREMENT
.. OPTICAL MEASUREMENT
.. OPTOMETRY
.. PHOTOGRAPHIC MEASUREMENT
.. PNEUMOGRAPHY
.. PRESSURE MEASUREMENT

MEASUREMENT-(CONT.)

PROVING
PUPILLOMETRY
RADAR MEASUREMENT
RADIATION MEASUREMENT
RADIOACTIVE AGE DETERMINATION
RANGEFINDING
SIGNAL MEASUREMENT
SIZE DETERMINATION
SOUNDING
SPHYGMOGRAPHY
STANDARDS
SYNOPTIC MEASUREMENT
TEMPERATURE MEASUREMENT
THRUST MEASUREMENT
TIME MEASUREMENT
TRAJECTORY MEASUREMENT
ULTRASONIC DENSIMETERS
UNITS OF MEASUREMENT
VELOCITY MEASUREMENT
VIBRATION MEASUREMENT
WEIGHT MEASUREMENT
WIND MEASUREMENT

MEASURES

SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)*
RT CRITERIA
.. MEASUREMENT
.. STANDARDS

MEASURING

USE MEASUREMENT

MEASURING INSTRUMENTS

UF FLUXMETERS
.. GAGES
.. METERS
.. RATE METERS
GS MEASURING INSTRUMENTS
.. ACCELEROMETERS
.. .. STRAIN GAGE ACCELEROMETERS
.. AMMETERS
.. .. MILLIAMMETERS
.. .. MICROMILLIAMMETERS
.. .. THERMOELEMENT AMMETERS
.. ANALYZERS
.. .. ENGINE ANALYZERS
.. .. SIGNAL ANALYZERS
.. .. BALLOON-BORNE INSTRUMENTS
.. BATHYMETERS
.. BURETTES
.. CALORIMETERS
.. .. BOMB CALORIMETERS
.. .. DROP CALORIMETERS
.. .. FLAME CALORIMETERS
.. COMPARATORS
.. COMPASSES
.. .. GYROCOMPASSES
.. .. CONDUCTIVITY METERS
.. .. ELECTRICAL CONDUCTIVITY METERS
.. COULOMETERS
.. COUNTERS
.. .. RADIATION COUNTERS
.. .. CERENKOV COUNTERS
.. .. ELECTRON COUNTERS
.. .. GEIGER COUNTERS
.. .. NEUTRON COUNTERS
.. .. NEUTRON SPECTROMETERS
.. .. PARTICLE TELESCOPES
.. .. PROPORTIONAL COUNTERS
.. .. QUANTUM COUNTERS
.. .. SCINTILLATION COUNTERS
.. .. SPARK CHAMBERS
.. DEFORMETERS
.. DENSIMETERS
.. .. ULTRASONIC DENSIMETERS
.. DENSITOMETERS
.. .. MICRODENSITOMETERS
.. DISTANCE MEASURING EQUIPMENT
.. .. ALTIMETERS
.. .. RADIO ALTIMETERS
.. .. GEODIMETERS
.. .. RANGE FINDERS
.. .. OPTICAL RANGE FINDERS
.. .. LASER RANGE FINDERS
.. .. STADIMETERS
.. .. TELLUROMETERS
.. DYNAMOMETERS
.. ELASTOMETERS
.. ELECTROMETERS
.. ELECTRON PROBES
.. ENGINE MONITORING INSTRUMENTS
.. ERGOMETERS

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MEASURING INSTRUMENTS-(CONT.)

- . EUDIOMETERS
- . EXTENSOMETERS
- . FIELD INTENSITY METERS
- . FLAME PROBES
- . FLIGHT LOAD RECORDERS
- . FLIGHT RECORDERS
- . FLOWMETERS
- . GAS METERS
- . HOT-WIRE FLOWMETERS
- . RHEOMETERS
- . FORCE VECTOR RECORDERS
- . FUEL GAGES
- . CAPACITIVE FUEL GAGES
- . GALVANOMETERS
- . GERDIEN CONDENSERS
- . GONIOMETERS
- . PHOTO GONIOMETERS
- . RADIO GONIOMETERS
- . GRAVIMETERS
- . GRAVITY GRADIOMETERS
- . HELIOMETERS
- . PYROHELIOMETERS
- . HYDROMETERS
- . HYPSONOMETERS
- . IMPEDANCE PROBES
- . RADIO FREQUENCY IMPEDANCE PROBES
- . INDICATING INSTRUMENTS
- . APPROACH INDICATORS
- . ATTITUDE INDICATORS
- . GYRO HORIZONS
- . CLOUD HEIGHT INDICATORS
- . FLOW DIRECTION INDICATORS
- . WIND VANES
- . GYROCOMPASSES
- . MICROWAVE SENSORS
- . POSITION INDICATORS
- . ASTROLABES
- . PLAN POSITION INDICATORS
- . RADIO DIRECTION FINDERS
- . SPACECRAFT POSITION INDICATORS
- . SMOKE DETECTORS
- . SPEED INDICATORS
- . ANEMOMETERS
- . DRAG FORCE ANEMOMETERS
- . HOT-FILM ANEMOMETERS
- . HOT-WIRE ANEMOMETERS
- . LASER ANEMOMETERS
- . SONIC ANEMOMETERS
- . TACHOMETERS
- . WEIGHT INDICATORS
- . MICROBALANCES
- . STRAIN GAGE BALANCES
- . THERMOBALANCES
- . INTERFEROMETERS
- . FABRY-PEROT INTERFEROMETERS
- . INFRARED INTERFEROMETERS
- . MACH-ZEHNDER INTERFEROMETERS
- . MICHELSON INTERFEROMETERS
- . MICROWAVE INTERFEROMETERS
- . PHASE SWITCHING INTERFEROMETERS
- . RADIO INTERFEROMETERS
- . ION PROBES
- . ION TRAPS (INSTRUMENTATION)
- . LASER DOPPLER VELOCIMETERS
- . MAGNETIC PROBES
- . MAGNETOMETERS
- . VARIOMETERS
- . MECHANOGGRAMS
- . METEOROLOGICAL INSTRUMENTS
- . BAROMETERS
- . CLOUD HEIGHT INDICATORS
- . DROPSONDES
- . RADIOMETEOROLOGICAL INSTRUMENTS
- . RADIOSONDES
- . ENDORADIOSONDES
- . IONOSONDES
- . RAWINSONDES
- . RAIN GAGES
- . WEATHER DATA RECORDERS
- . WIND VANES
- . MICROMETERS
- . MICROWAVE PROBES
- . MICROWAVE PLASMA PROBES
- . MOISTURE METERS
- . HYGROMETERS
- . PSYCHROMETERS
- . MONOCHROMATORS
- . NOISE METERS
- . OHMMETERS
- . OMEGA NAVIGATION SYSTEM
- . OPTICAL MEASURING INSTRUMENTS
- . CATHETOMETERS

MEASURING INSTRUMENTS-(CONT.)

- . DIFFRACTOMETERS
- . EBERT SPECTROMETERS
- . ELLIPSOMETERS
- . GEODIMETERS
- . HAPLOSOPES
- . INFRARED SPECTROMETERS
- . FILTER WHEEL INFRARED SPECTROMETERS
- . LIGHT SCATTERING METERS
- . MICRODENSITOMETERS
- . NEPHELOMETERS
- . OCULOMETERS
- . OPTICAL PYROMETERS
- . OPTICAL RANGE FINDERS
- . OPTICAL SCANNERS
- . MULTISPECTRAL BAND SCANNERS
- . PHOTO GONIOMETERS
- . PHOTOMETERS
- . ELECTROPHOTOMETERS
- . ULTRAVIOLET SPECTROMETERS
- . ULTRAVIOLET SPECTROMETERS
- . POLARIMETERS
- . REFLECTOMETERS
- . MICROWAVE REFLECTOMETERS
- . REFRACTOMETERS
- . SEXTANTS
- . SPECTROPHOTOMETERS
- . INFRARED SPECTROPHOTOMETERS
- . ULTRAVIOLET SPECTROPHOTOMETERS
- . TRANSITS
- . THEODOLITES
- . CINETHODOLITES
- . TRANSMISSOMETERS
- . OSCILLOGRAPH
- . OXYGEN ANALYZERS
- . PENETROMETERS
- . PLASMA PROBES
- . ELECTROSTATIC PROBES
- . POLARISCOPES
- . SENARMONT POLARISCOPES
- . POTENTIOMETERS (INSTRUMENTS)
- . PRESSURE GAGES
- . BAROMETERS
- . ISOTENISCOPES
- . MANOMETERS
- . OSMOMETERS
- . PIEZOELECTRIC GAGES
- . PIEZOMETERS
- . VACUUM GAGES
- . IONIZATION GAGES
- . ALPHATRONS
- . BAYARD-ALPERT IONIZATION GAGES
- . PENNING GAGES
- . PHILIPS IONIZATION GAGES
- . KNUDSEN GAGES
- . MCLEOD GAGES
- . PIRANI GAGES
- . PROFILOMETERS
- . PROTRACTORS
- . RADIATION MEASURING INSTRUMENTS
- . ACTINOMETERS
- . INFRARED SPECTROMETERS
- . PYRANOMETERS
- . RADIOMETERS
- . DICKE RADIOMETERS
- . INFRARED DETECTORS
- . INFRARED SCANNERS
- . MICROWAVE RADIOMETERS
- . PASSIVE L-BAND RADIOMETERS
- . PRESSURE MODULATOR RADIOMETERS
- . SPECTORADIOMETERS
- . SOLAR SPECTROMETERS
- . SPECTROHELIOGRAPHS
- . SPECTROPHOTOMETERS
- . INFRARED SPECTROPHOTOMETERS
- . ULTRAVIOLET SPECTROPHOTOMETERS
- . ULTRAVIOLET SPECTROMETERS
- . BOLOMETERS
- . EBERT SPECTROMETERS
- . ELECTROSTATIC PROBES
- . FABRY-PEROT SPECTROMETERS
- . HODOSCOPES
- . INFRARED INSTRUMENTS
- . INFRARED DETECTORS
- . FLIR DETECTORS
- . INFRARED SCANNERS
- . INFRARED SPECTROMETERS
- . INFRARED SPECTROPHOTOMETERS
- . PHOTOMETERS

MEASURING INSTRUMENTS-(CONT.)

- . ELECTROPHOTOMETERS
- . ULTRAVIOLET SPECTROMETERS
- . ULTRAVIOLET SPECTROPHOTOMETERS
- . RADIATION COUNTERS
- . CERENKOV COUNTERS
- . ELECTRON COUNTERS
- . GEIGER COUNTERS
- . NEUTRON COUNTERS
- . NEUTRON SPECTROMETERS
- . PARTICLE TELESCOPES
- . PROPORTIONAL COUNTERS
- . QUANTUM COUNTERS
- . SCINTILLATION COUNTERS
- . SPARK CHAMBERS
- . RADIATION DETECTORS
- . DOSIMETERS
- . THRESHOLD DETECTORS (DOSIMETERS)
- . GOLAY DETECTOR CELLS
- . SILICON RADIATION DETECTORS
- . RIOMETERS
- . RATIONOMETERS
- . RESONANCE PROBES
- . CYCLOTRON RESONANCE DEVICES
- . RESPIROMETERS
- . SATELLITE-BORNE INSTRUMENTS
- . AMPS (SATELLITE PAYLOAD)
- . SCATTEROMETERS
- . SHOCK MEASURING INSTRUMENTS
- . SONDES
- . DROPSONDES
- . JUDI-DART ROCKET
- . RADIOSONDES
- . ENDORADIOSONDES
- . IONOSONDES
- . RAWINSONDES
- . SPECTROMETERS
- . EBERT SPECTROMETERS
- . FABRY-PEROT SPECTROMETERS
- . GAMMA RAY SPECTROMETERS
- . INFRARED SPECTROMETERS
- . FILTER WHEEL INFRARED SPECTROMETERS
- . LASER SPECTROMETERS
- . MASS SPECTROMETERS
- . MICROWAVE SPECTROMETERS
- . NEUTRON SPECTROMETERS
- . SOLAR SPECTROMETERS
- . SPECTROHELIOGRAPHS
- . TIME OF FLIGHT SPECTROMETERS
- . ULTRAVIOLET SPECTROMETERS
- . HIGH DISPERSION SPECTROGRAPHS
- . SPUTTERING GAGES
- . STRAIN GAGES
- . TEMPERATURE MEASURING INSTRUMENTS
- . BATHY THERMOGRAPHS
- . OPTICAL PYROMETERS
- . PYROMETERS
- . RADIATION PYROMETERS
- . THERMOCOUPLE PYROMETERS
- . TEMPERATURE PROBES
- . PNEUMATIC PROBES
- . THERMOMETERS
- . RESISTANCE THERMOMETERS
- . TENSIMETERS
- . TENSOMETERS
- . THERMAL CONDUCTIVITY GAGES
- . TILTMETERS
- . TIME MEASURING INSTRUMENTS
- . CLOCKS
- . ATOMIC CLOCKS
- . AUTONOMOUS SPACECRAFT CLOCKS
- . CHRONOMETERS
- . TIMING DEVICES
- . TITRIMETERS
- . TORQUEMETERS
- . TURBULENCE METERS
- . VIBRATION METERS
- . SEISMOGRAPHS
- . LUNAR SEISMOGRAPHS
- . VISCOMETERS
- . VOLTMETERS
- . MILLIVOLTMETERS
- . WATTMETERS
- . AIRCRAFT INSTRUMENTS
- . AUTOMATIC CONTROL
- . AUTOMATIC TEST EQUIPMENT
- . BIOINSTRUMENTATION
- . CALIBRATING
- . CIRCUMSOLAR TELESCOPES
- . CONTROL MOMENT GYROSCOPES

RT

MEASURING INSTRUMENTS-(CONT.)

CONTROLLERS
 ∞ DETECTORS
 DRAG MEASUREMENT
 DUOCHROMATORS
 ELECTRIC BRIDGES
 ELECTRICAL MEASUREMENT
 FLIGHT INSTRUMENTS
 FOREST FIRE DETECTION
 FRAUNHOFER LINE DISCRIMINATORS
 IMBLS
 INSTRUMENT RECEIVERS
 INSTRUMENT TRANSMITTERS
 ∞ INSTRUMENTS
 INTERNATIONAL SYSTEM OF UNITS
 LABORATORY EQUIPMENT
 LANDING INSTRUMENTS
 LARGE APERTURE SEISMIC ARRAY
 LOCAL SCIENTIFIC SURVEY MODULE
 LUNAR RANGEFINDING
 ∞ MEASUREMENT
 METROLOGY
 MICROINSTRUMENTATION
 MONITORS
 NAVIGATION INSTRUMENTS
 ∞ PROBES
 PROPELLANT ACTUATED INSTRUMENTS
 RADIO PROBING
 RADIO TELEMETRY
 RAPID BALLISTICS IDENTIFICATION
 RECORDING INSTRUMENTS
 REMOTE SENSORS
 ROCKET-BORNE INSTRUMENTS
 RONCHI TEST
 SATELLITE INSTRUMENTS
 ∞ SENSORS
 SODAR
 SOUND DETECTING AND RANGING
 SPACECRAFT INSTRUMENTS
 SYNCHROSCOPES
 TELEMETRY
 ∞ TEST EQUIPMENT
 TRANSDUCERS
 ULTRASONIC SCANNERS
 VENTURI TUBES
 WHEATSTONE BRIDGES
 WIND TUNNEL CALIBRATION

MECAMYLAMINE

GS AMINES
 . MECAMYLAMINE
 TERPENES
 . MECAMYLAMINE

MECHANICAL DEVICES

RT CAMS
 CLAMPS
 CLIPS
 CLUTCHES
 ∞ DEVICES
 ∞ EQUIPMENT
 HOLDERS
 JIGS
 LEVERS
 LINKAGES
 MACHINE TOOLS
 ∞ MECHANISM
 MECHANIZATION
 TOOLS

MECHANICAL DRAWINGS

USE ENGINEERING DRAWINGS

MECHANICAL DRIVES

UF ROTARY DRIVES
 GS **MECHANICAL DRIVES**
 . HELICOPTER PROPELLER DRIVE
 . MAGNETIC TAPE TRANSPORTS
 . PROPELLER DRIVE
 . TRANSMISSIONS (MACHINE ELEMENTS)
 RT CLUTCHES
 COUNTER-ROTATING WHEELS
 COUPLING
 COUPLINGS
 ∞ DRIVES
 ∞ GEAR
 GEAR TEETH
 GEARS
 MAGNETOELECTRIC MEDIA
 ∞ POWER TRANSMISSION
 SHAFTS (MACHINE ELEMENTS)
 VEHICLE WHEELS
 WIND TUNNEL DRIVES
 WINDMILLS (WINDPOWERED MACHINES)

MECHANICAL ENGINEERING

RT AERONAUTICAL ENGINEERING
 AEROSPACE ENGINEERING
 ∞ ENGINEERING
 FLUID FLOW
 FLYWHEELS
 FURNACES
 HEAT TRANSFER
 MACHINE TOOLS
 ∞ MACHINERY
 MAINTENANCE
 MATERIALS HANDLING
 STRESS ANALYSIS
 THERMODYNAMICS
 VIBRATION TESTS

MECHANICAL IMPEDANCE

GS IMPEDANCE
 . **MECHANICAL IMPEDANCE**
 RT ATTENUATION
 DAMPING
 FRICTION
 IMPEDANCE MEASUREMENT

MECHANICAL MEASUREMENT

SN (MEASUREMENT OF MECHANICAL
 PROPERTIES, QUANTITIES OR
 CONDITIONS)
 GS **MECHANICAL MEASUREMENT**
 . DISPLACEMENT MEASUREMENT
 . DRAG MEASUREMENT
 . FLOW MEASUREMENT
 . FRICTION MEASUREMENT
 . PRESSURE MEASUREMENT
 . STRESS MEASUREMENT
 . X RAY STRESS MEASUREMENT
 . THRUST MEASUREMENT
 . VELOCITY MEASUREMENT
 . WIND VELOCITY MEASUREMENT
 . VIBRATION MEASUREMENT
 . WIND MEASUREMENT
 . WIND VELOCITY MEASUREMENT
 RT ACCELEROMETERS
 ACOUSTIC MEASUREMENT
 DEFORMETERS
 DENSITY MEASUREMENT
 DEPTH MEASUREMENT
 DYNAMOMETERS
 EXTENSOMETERS
 FLOWMETERS
 ∞ MEASUREMENT
 STRAIN GAGES
 TENSIONMETERS
 TORQUEMETERS
 WEIGHT INDICATORS

MECHANICAL OSCILLATORS

GS OSCILLATORS
 . **MECHANICAL OSCILLATORS**
 . PENDULUMS
 . . GYROSCOPIC PENDULUMS
 RT ELECTRIC CHOPPERS
 HARMONIC OSCILLATORS
 RECIPROCATION
 RESONANT VIBRATION
 VIBRATION

MECHANICAL PROPERTIES

UF METEORITE COMPRESSION TESTS
 STRENGTH OF MATERIALS
 GS **MECHANICAL PROPERTIES**
 . ABRASION RESISTANCE
 . BRITTLENESS
 . BULK MODULUS
 . COLD STRENGTH
 . COMPRESSIBILITY
 . COMPRESSIVE STRENGTH
 . CREEP PROPERTIES
 . SHEAR CREEP
 . STEADY STATE CREEP
 . TENSILE CREEP
 . CREEP RUPTURE STRENGTH
 . CREEP STRENGTH
 . DIMENSIONAL STABILITY
 . STRUCTURAL STABILITY
 . . SHELL STABILITY
 . DUCTILITY
 . EARTHQUAKE RESISTANCE
 . ELASTIC PROPERTIES
 . . AEROELASTICITY
 . . AERTHERMOELASTICITY
 . . ANELASTICITY
 . . ELASTOPLASTICITY
 . . HYDROELASTICITY
 . . HYPOELASTICITY

MECHANICAL PROPERTIES-(CONT.)

. . MAGNETOSTRICTION
 . . MODULUS OF ELASTICITY
 . . DYNAMIC MODULUS OF ELASTICITY
 . . PHOTOELASTICITY
 . . PHOTOVISCOELASTICITY
 . . PROPORTIONAL LIMIT
 . . THERMOELASTICITY
 . . AERTHERMOELASTICITY
 . . VISCOELASTICITY
 . . PHOTOVISCOELASTICITY
 . . THERMOVISCOELASTICITY
 . . ELECTROSTRICTION
 . . FATIGUE LIFE
 . . FIBER STRENGTH
 . . FLEXIBILITY
 . . FRACTURE STRENGTH
 . . HARDNESS
 . . KNOOP HARDNESS
 . . MICROHARDNESS
 . . ROCKWELL HARDNESS
 . . HIGH STRENGTH
 . . IMPACT STRENGTH
 . . MALLEABILITY
 . . MODULAR RATIOS
 . . NOTCH STRENGTH
 . . PIEZOELECTRICITY
 . . PLASTIC PROPERTIES
 . . ELASTOPLASTICITY
 . . PHOTOPLASTICITY
 . . SUPERPLASTICITY
 . . THERMOPLASTICITY
 . . VISCOPLASTICITY
 . . YIELD POINT
 . . POISSON RATIO
 . . RESILIENCE
 . . SET
 . . SHEAR PROPERTIES
 . . SHEAR STRENGTH
 . . STIFFNESS
 . . STRESS CYCLES
 . . STRESS RATIO
 . . STRESS RELAXATION
 . . TENSILE PROPERTIES
 . . TENSILE STRENGTH
 . . THERMAL RESISTANCE
 . . TOUGHNESS
 . . NOTCH SENSITIVITY
 . . WELD STRENGTH
 . . YIELD STRENGTH
 . . MICROYIELD STRENGTH
 RT ACOUSTIC PROPERTIES
 AGING (MATERIALS)
 ANISOTROPY
 BUOYANCY
 CAST ALLOYS
 COEFFICIENTS
 COMPRESSING
 COMPRESSION LOADS
 DEFORMATION
 DURABILITY
 ELONGATION
 FATIGUE (MATERIALS)
 FERRITIC STAINLESS STEELS
 FIBER ORIENTATION
 FLATNESS
 ∞ HIGH RESISTANCE
 HYSTERESIS
 IMPEDANCE
 INTERFACIAL TENSION
 INTERNAL FRICTION
 ISOTROPY
 J INTEGRAL
 ∞ LOW RESISTANCE
 ∞ MATERIALS TESTS
 ∞ METALLURGY
 MICROPOROSITY
 PEELING
 PERMEABILITY
 ∞ PHYSICAL PROPERTIES
 PROPELLANT PROPERTIES
 ∞ PROPERTIES
 RADIATION EFFECTS
 RELIABILITY
 ∞ RIGIDITY
 ROUGHNESS
 RUGGEDNESS
 SHEAR STRAIN
 SHEAR STRESS
 SHOCK RESISTANCE
 SPECIFICATIONS
 SPECIMEN GEOMETRY
 STRAIN RATE
 ∞ STRENGTH
 STRESS CONCENTRATION
 STRESSES

MECHANICAL PROPERTIES-(CONT.)

STRUCTURAL FAILURE
 SUPERCOOLING
 SURFACE DEFECTS
 SURFACE PROPERTIES
 SURFACE ROUGHNESS
 TEARING
 TEMPERATURE INVERSIONS
 TEXTURES
 TOLERANCES (MECHANICS)
 TRIAXIAL STRESSES
 WEATHERING

MECHANICAL RESONANCE

USE RESONANT VIBRATION

MECHANICAL SHOCK

UF JARRING
 GS **MECHANICAL SHOCK**
 . HYDRAULIC SHOCK
 RT ACCELERATION (PHYSICS)
 HIGH ACCELERATION
 HYPERVELOCITY IMPACT
 IMPACT
 IMPACT ACCELERATION
 ∞ SHOCK
 SHOCK ABSORBERS
 SHOCK RESISTANCE
 SHOCK SPECTRA
 SHOCK WAVES
 VIBRATION

MECHANICAL TWINNING

GS TWINNING
 . **MECHANICAL TWINNING**
 RT CRYSTAL DEFECTS
 CRYSTAL GROWTH
 CRYSTAL STRUCTURE
 WORK HARDENING

∞ MECHANICS (PHYSICS)

SN *(USE OF A MORE SPECIFIC TERM IS
 RECOMMENDED--CONSULT THE TERMS
 LISTED BELOW)*
 RT CELESTIAL MECHANICS
 CLASSICAL MECHANICS
 CONTINUUM MECHANICS
 ∞ DYNAMICS
 ELECTROMECHANICS
 FLIGHT MECHANICS
 FLUID DYNAMICS
 FLUID MECHANICS
 FRACTURE MECHANICS
 GAS DYNAMICS
 ∞ HYDRAULICS
 HYDRODYNAMICS
 KINEMATICS
 KINETICS
 LOADS (FORCES)
 ∞ MECHANISM
 ORBITAL MECHANICS
 QUANTUM MECHANICS
 STATICS
 STATISTICAL MECHANICS
 VIRIAL THEOREM
 WIGNER COEFFICIENT

∞ MECHANISM

SN *(USE OF A MORE SPECIFIC TERM IS
 RECOMMENDED--CONSULT THE TERMS
 LISTED BELOW)*
 RT ∞ MACHINERY
 MECHANICAL DEVICES
 ∞ MECHANICS (PHYSICS)
 ∞ METHODOLOGY

MECHANIZATION

RT ∞ AUTOMATION
 DATA PROCESSING
 DEPERSONALIZATION
 ∞ MACHINERY
 MAN MACHINE SYSTEMS
 MECHANICAL DEVICES
 ∞ OPERATIONS
 SYSTEMS ENGINEERING
 TOOLING
 TOOLS

MECHANOGRAMS

GS MEASURING INSTRUMENTS
 . **MECHANOGRAMS**
 MEDICAL EQUIPMENT
 . **MECHANOGRAMS**
 RECORDING INSTRUMENTS
 . **MECHANOGRAMS**

MECHANOGRAMS-(CONT.)

RT MUSCULAR FUNCTION

MECHANORECEPTORS

GS ANATOMY
 . SENSE ORGANS
 . . **MECHANORECEPTORS**
 RECEPTORS (PHYSIOLOGY)
 . **MECHANORECEPTORS**
 RT SENSITOMETRY

MECLIZINE

GS HALOGEN COMPOUNDS
 . CHLORINE COMPOUNDS
 . . **MECLIZINE**
 HETEROCYCLIC COMPOUNDS
 . AZINES
 . . **MECLIZINE**
 PYRAZINES
 . AZINES
 . . **MECLIZINE**

MEDIA

SN (EXCLUDES COMMUNICATION
 TECHNIQUES)
 GS **MEDIA**
 . ANISOTROPIC MEDIA
 . . ANISOTROPIC FLUIDS
 . ELASTIC MEDIA
 . INTERGALACTIC MEDIA
 . INTERPLANETARY MEDIUM
 . . INTERPLANETARY DUST
 . . . METEOROID DUST CLOUDS
 ZODIACAL DUST
 . . INTERPLANETARY GAS
 RT ∞ CHANNELS

MEDIAN (STATISTICS)

RT AVERAGE
 DISTRIBUTION MOMENTS
 ERRORS
 MEAN
 MODE (STATISTICS)
 NORMALITY
 NORMS
 QUALITY CONTROL
 STATISTICAL ANALYSIS
 ∞ TESTS

MEDIASTINUM

RT SEPTUM
 TISSUES (BIOLOGY)

MEDIATION

RT LABOR
 MANAGEMENT PLANNING

MEDICAL ELECTRONICS

RT ECHOENCEPHALOGRAPHY
 ELECTROCARDIOGRAPHY
 ELECTROENCEPHALOGRAPHY
 ELECTROMYOGRAPHY
 ∞ ELECTRONICS
 ELECTROPLETHYSMOGRAPHY
 ELECTRORETINOGRAPHY

MEDICAL EQUIPMENT

GS **MEDICAL EQUIPMENT**
 . ARTIFICIAL CARDIAC PACEMAKER
 . ARTIFICIAL HEART VALVES
 . BLOOD PUMPS
 . CARDIOTACHOMETERS
 . ENDOSCOPES
 . MECHANOGRAMS
 . PROSTHETIC DEVICES
 . . ARTIFICIAL EARS
 . RESPIRATORS
 . STETHOSCOPES
 . STRETCHERS
 . SURGICAL INSTRUMENTS
 . SYRINGES
 . TOURNIQUETS
 . X RAY APPARATUS
 . . LIXISCOPES
 . . X RAY TUBES
 RT RADIOGRAPHY
 DENTISTRY
 DIAGNOSIS
 ECHOENCEPHALOGRAPHY
 ELECTROENCEPHALOGRAPHY
 EMERGENCY LIFE SUSTAINING
 SYSTEMS
 ∞ EQUIPMENT
 FIRST AID
 FLUOROSCOPY

MEDICAL EQUIPMENT-(CONT.)

HOSPITALS
 IMBLS
 ∞ MEDICINE
 MICROTOMY
 MOBILE QUARANTINE FACILITY
 THERAPY

MEDICAL PERSONNEL

GS PERSONNEL
 . **MEDICAL PERSONNEL**
 . . FLIGHT NURSES
 . . PHYSICIANS
 . . SURGEONS
 . . . FLIGHT SURGEONS
 RT ∞ MEDICINE

MEDICAL PHENOMENA

GS PHENOMENOLOGY
 . **MEDICAL PHENOMENA**
 RT DIVING (UNDERWATER)

MEDICAL SCIENCE

GS **MEDICAL SCIENCE**
 . ANESTHESIOLOGY
 . DENTISTRY
 . DERMATOLOGY
 . ENDOCRINOLOGY
 . EPIDEMIOLOGY
 . GERIATRICS
 . GYNECOLOGY
 . HISTOLOGY
 . IMMUNOLOGY
 . NEUROLOGY
 . NEUROPSYCHIATRY
 . OPHTHALMOLOGY
 . ORTHOPEDICS
 . OTOLARYNGOLOGY
 . OTOTOLOGY
 . PATHOLOGY
 . . HUMAN PATHOLOGY
 . PSYCHIATRY
 . . SOCIAL PSYCHIATRY
 . RADIATION MEDICINE
 . . RADIOBIOLOGY
 . RADIOLOGY
 . RADIOPATHOLOGY
 . SYMPTOMOLOGY
 . TOOTH DISEASES
 . UROLOGY
 RT AEROSPACE MEDICINE
 ∞ BIOLOGY
 CLINICAL MEDICINE
 DIAGNOSIS
 DISEASES
 FIRST AID
 ∞ MEDICINE
 OPTOMETRY
 PHARMACOLOGY
 PHENOMENOLOGY
 PNEUMOTHORAX
 PSYCHOPHARMACOLOGY
 RADIATION THERAPY
 ∞ SCIENCE
 TRANSFUSION

MEDICAL SERVICES

GS SERVICES
 . **MEDICAL SERVICES**
 RT AMBULANCES
 FIRST AID
 INTRAVENOUS PROCEDURES
 MOBILE QUARANTINE FACILITY
 PUBLIC HEALTH

∞ MEDICINE

SN *(USE OF A MORE SPECIFIC TERM IS
 RECOMMENDED--CONSULT THE TERMS
 LISTED BELOW)*
 RT AEROSPACE MEDICINE
 CLINICAL MEDICINE
 MEDICAL EQUIPMENT
 MEDICAL PERSONNEL
 MEDICAL SCIENCE
 NEUROPSYCHIATRY
 PHARMACOLOGY
 PSYCHOPHARMACOLOGY
 RADIOBIOLOGY
 RADIOLOGY
 VETERINARY MEDICINE

MEDITERRANEAN SEA

GS SEAS

MEDIUM SCALE INTEGRATION

MEDITERRANEAN SEA-(CONT.)

RT . MEDITERRANEAN SEA
ADRIATIC SEA
MALTA
RHONE DELTA (FRANCE)
SICILY

MEDIUM SCALE INTEGRATION

GS CIRCUITS
. PRINTED CIRCUITS
. . . MEDIUM SCALE INTEGRATION
MICROELECTRONICS
RT . MEDIUM SCALE INTEGRATION
ELECTRONIC PACKAGING
INTEGRATED CIRCUITS
LARGE SCALE INTEGRATION

MEETINGS

USE CONFERENCES

MEGALOPOLISES

RT CITIES
COMMUNITIES
DEMOGRAPHY
INDUSTRIAL AREAS
REGIONAL PLANNING
RESIDENTIAL AREAS
RURAL AREAS
SUBURBAN AREAS
URBAN DEVELOPMENT
URBAN TRANSPORTATION

MEISSNER EFFECT

USE DIAMAGNETISM
SUPERCONDUCTIVITY

MELAMINE

GS AMINES
. MELAMINE
RT RESINS

MELANIN

GS PIGMENTS
. MELANIN
PROTEINS
. MELANIN
RT DOPA
SKIN (ANATOMY)

MELANOIDIN

GS ACIDS
. AMINO ACIDS
. . . MELANOIDIN
ORGANIC COMPOUNDS
. AMINO ACIDS
. . . MELANOIDIN

MELLIN TRANSFORMS

GS FUNCTIONS (MATHEMATICS)
. MELLIN TRANSFORMS
RT INTEGRAL EQUATIONS
KERNEL FUNCTIONS

MELT SPINNING

GS CRYSTALLIZATION
. MELT SPINNING
MELTS (CRYSTAL GROWTH)
. MELT SPINNING
SOLIDIFICATION
. MELT SPINNING
RT ∞ METALLURGY
PHASE TRANSFORMATIONS

MELTING

UF REMELTING
THAWING
GS PHASE TRANSFORMATIONS
. MELTING
. . . FUSION (MELTING)
. . . VACUUM MELTING
RT ABLATION
AUFEIS (ICE)
BURNTHROUGH (FAILURE)
CASTING
COAL LIQUEFACTION
CONTAINERLESS MELTS
COOLING
DEFROSTING
DEICING
DROP TRANSFER
EXTRACTION
FREEZING
FURNACES
HEAT OF FUSION

MELTING-(CONT.)

HEATING
ICE PREVENTION
IMPACT MELTS
INDUCTION HEATING
INJECTION MOLDING
LIQUEFACTION
LIQUID METALS
LIQUID-SOLID INTERFACES
MELTS (CRYSTAL GROWTH)
METAL CUTTING
METAL FOAMS
∞ METALLURGY
MOLDS
PHASE CHANGE MATERIALS
∞ SEPARATION
SMELTING
SOLAR FURNACES
SPIKING
ZONE MELTING

MELTING POINTS

UF FREEZING POINTS
GS THERMODYNAMIC PROPERTIES
. THERMOPHYSICAL PROPERTIES
. . . MELTING POINTS
RT HIGH TEMPERATURE TESTS
LIQUID PHASES
LIQUIDS
LOW TEMPERATURE TESTS
PHASE DIAGRAMS
REACTION BONDING
SOLID SOLUTIONS
SOLID STATE
SOLIDIFICATION
SOLIDIFIED GASES
SPECIFIC HEAT
TEMPERATURE
TRANSITION TEMPERATURE

MELTS (CRYSTAL GROWTH)

GS MELTS (CRYSTAL GROWTH)
. CONTAINERLESS MELTS
. IMPACT MELTS
. MELT SPINNING
RT ATOMIC STRUCTURE
CRYSTAL GROWTH
CRYSTALLIZATION
MELTING
SEMICONDUCTORS (MATERIALS)

MEM (EXCURSION MODULE)

USE MARS EXCURSION MODULE

MEMBRANE ANALOGY

USE MEMBRANE STRUCTURES
STRUCTURAL ANALYSIS

MEMBRANE STRUCTURES

UF MEMBRANE ANALOGY
GS MEMBRANES
. MEMBRANE STRUCTURES
. . . SKIN (STRUCTURAL MEMBER)
STRUCTURAL MEMBERS
. MEMBRANE STRUCTURES
. . . SKIN (STRUCTURAL MEMBER)
RT DIAPHRAGMS (MECHANICS)
METAL SHELLS
PERFORATED SHELLS
SCOTCHLITE (TRADEMARK)
∞ SHEETS
SHELLS (STRUCTURAL FORMS)
∞ STRUCTURES
THIN WALLED SHELLS
WEBS (SUPPORTS)

MEMBRANE THEORY

USE STRUCTURAL ANALYSIS

MEMBRANES

UF WEBS (MEMBRANES)
GS MEMBRANES
. CHOROID MEMBRANES
. CONJUNCTIVA
. ION EXCHANGE MEMBRANE
ELECTROLYTES
. MEMBRANE STRUCTURES
. . . SKIN (STRUCTURAL MEMBER)
. PLEURAE
RT ∞ DIAPHRAGMS
DIAPHRAGMS (MECHANICS)
∞ FILMS
JET MEMBRANE PROCESS
∞ LAYERS
OSMOSIS

NASA THESAURUS (VOLUME 1)

MEMBRANES-(CONT.)

PERITONEUM
REVERSE OSMOSIS
SEPTUM
∞ SHEETS
SHELLS (STRUCTURAL FORMS)
SKIN (ANATOMY)
∞ WEBS
WEBS (SHEETS)
WEBS (SUPPORTS)

MEMORY

SN (LIMITED TO SENTIENT ORGANISMS--
EXCLUDES COMPUTER STORAGE
DEVICES AND PLASTIC MEMORY)
RT EDUCATION
LEARNING
MNEMONICS
RECOGNITION
RETENTION (PSYCHOLOGY)

MENDELEVium

GS CHEMICAL ELEMENTS
. ACTINIDE SERIES
. . . TRANSURANIUM ELEMENTS
. . . . MENDELEVium
. . . . NUCLIDES
. . . . ISOTOPES
. . . . RADIOACTIVE ISOTOPES
. TRANSURANIUM ELEMENTS
. MENDELEVium
HEAVY ELEMENTS
. TRANSURANIUM ELEMENTS
. . . MENDELEVium
METALS
. ACTINIDE SERIES
. . . TRANSURANIUM ELEMENTS
. . . . MENDELEVium

MENINGITIS

GS DISEASES
. INFECTIOUS DISEASES
. . . MENINGITIS

MENISCI

GS LIQUID SURFACES
. MENISCI
RT CURVES (GEOMETRY)
LIQUID-GAS MIXTURES
LIQUID-SOLID INTERFACES
LIQUID-VAPOR INTERFACES
∞ SURFACES

MENSTRUATION

GS PHYSIOLOGY
. MENSTRUATION
RT FEMALES
OVARIES

MENTAL HEALTH

GS HEALTH
. MENTAL HEALTH
RT HUMAN PERFORMANCE
INTELLIGENCE
NEUROPSYCHIATRY
PSYCHOTHERAPY
RORSCHACH TESTS
SCHIZOPHRENIA

MENTAL PERFORMANCE

RT CONSCIOUSNESS
HUMAN PERFORMANCE
HYPERNEA
INSPIRATION
INTELLECT
INTELLIGENCE
IRRATIONALITY
LIES
OPERATOR PERFORMANCE
∞ PERFORMANCE
PSYCHOMOTOR PERFORMANCE
STRESS (PSYCHOLOGY)
WORKLOADS (PSYCHOPHYSIOLOGY)

MENTAL STRESS

USE STRESS (PSYCHOLOGY)

MENTHOL

GS ALIPHATIC COMPOUNDS
. CYCLIC HYDROCARBONS
. . . MENTHOL
HYDROCARBONS
. CYCLIC HYDROCARBONS
. . . MENTHOL

MENTHOL-(CONT.)

TERPENES
.. MENTHOL

MEPROBAMATE

GS ALIPHATIC COMPOUNDS
.. MEPROBAMATE
ESTERS
.. MEPROBAMATE

MERCAPTAN

USE THIOLS

MERCAPTO COMPOUNDS

USE THIOLS

MERCATOR PROJECTION

GS GEOMETRY
.. EUCLIDEAN GEOMETRY
.. ANALYTIC GEOMETRY
.. MERCATOR PROJECTION
.. PROJECTIVE GEOMETRY
.. MERCATOR PROJECTION
RT MAPS

MERCURE AIRCRAFT

GS TRANSPORT AIRCRAFT
.. SHORT HAUL AIRCRAFT
.. MERCURE AIRCRAFT
RT AIRCRAFT
CARGO AIRCRAFT
PASSENGER AIRCRAFT

MERCURY (METAL)

UF LIQUID MERCURY
GS CHEMICAL ELEMENTS
.. MERCURY (METAL)
.. MERCURY ISOTOPES
.. MERCURY VAPOR
LIQUIDS
.. LIQUID METALS
.. MERCURY (METAL)
.. MERCURY VAPOR
METALS
.. LIQUID METALS
.. MERCURY (METAL)
.. MERCURY VAPOR

MERCURY (PLANET)

GS CELESTIAL BODIES
.. PLANETS
.. TERRESTRIAL PLANETS
.. MERCURY (PLANET)
RT PLANETARY CRATERS

MERCURY ALLOYS

GS ALLOYS
.. MERCURY ALLOYS
.. MERCURY AMALGAMS

MERCURY AMALGAMS

UF AMALGAMS
GS ALLOYS
.. MERCURY ALLOYS
.. MERCURY AMALGAMS

MERCURY ARCS

GS ELECTRIC CURRENT
.. ELECTRIC DISCHARGES
.. ELECTRIC ARCS
.. MERCURY ARCS
RT ARC LAMPS
METALLIC PLASMAS
RECTIFIERS

MERCURY CADMIUM TELLURIDES

UF CADMIUM MERCURY TELLURIDES
RT INFRARED DETECTORS
PHOTOCONDUCTIVITY
PHOTOCONDUCTORS
PHOTODIODES

MERCURY COMPOUNDS

GS MERCURY COMPOUNDS
.. MERCURY OXIDES
.. MERCURY TELLURIDES
RT GROUP 2B COMPOUNDS
.. METAL COMPOUNDS

MERCURY FLIGHTS

GS SPACE FLIGHT
.. MANNED SPACE FLIGHT
.. MERCURY FLIGHTS
.. MERCURY MA-1 FLIGHT

MERCURY FLIGHTS-(CONT.)

.. MERCURY MA-2 FLIGHT
.. MERCURY MA-3 FLIGHT
.. MERCURY MA-4 FLIGHT
.. MERCURY MA-5 FLIGHT
.. MERCURY MA-6 FLIGHT
.. MERCURY MA-7 FLIGHT
.. MERCURY MA-8 FLIGHT
.. MERCURY MA-9 FLIGHT
.. MERCURY MR-1 FLIGHT
.. MERCURY MR-2 FLIGHT
.. MERCURY MR-3 FLIGHT
.. MERCURY MR-4 FLIGHT
RT ATLAS LAUNCH VEHICLES
MANNED SPACECRAFT
SPACE CAPSULES

MERCURY ION ENGINES

GS ENGINES
.. ROCKET ENGINES
.. ELECTRIC ROCKET ENGINES
.. ION ENGINES
.. MERCURY ION ENGINES
RT ELECTROSTATIC ENGINES
NUCLEAR PROPULSION
NUCLEAR ROCKET ENGINES
PLASMA ENGINES

MERCURY ISOTOPES

GS CHEMICAL ELEMENTS
.. MERCURY (METAL)
.. MERCURY ISOTOPES
.. NUCLIDES
.. ISOTOPES
.. MERCURY ISOTOPES

MERCURY LAMPS

GS LIGHTING EQUIPMENT
.. LUMINAIRES
.. MERCURY LAMPS
RT LIGHT SOURCES
PHOSPHORS
STERILIZATION
XENON LAMPS

MERCURY MA-1 FLIGHT

GS SPACE FLIGHT
.. MANNED SPACE FLIGHT
.. MERCURY FLIGHTS
.. MERCURY MA-1 FLIGHT
RT ATLAS LAUNCH VEHICLES

MERCURY MA-2 FLIGHT

UF MA-2 MISSION
GS SPACE FLIGHT
.. MANNED SPACE FLIGHT
.. MERCURY FLIGHTS
.. MERCURY MA-2 FLIGHT
RT ATLAS LAUNCH VEHICLES
FAITH 7

MERCURY MA-3 FLIGHT

UF MA-3 FLIGHT
GS SPACE FLIGHT
.. MANNED SPACE FLIGHT
.. MERCURY FLIGHTS
.. MERCURY MA-3 FLIGHT
RT ATLAS LAUNCH VEHICLES

MERCURY MA-4 FLIGHT

UF MA-4 FLIGHT
GS SPACE FLIGHT
.. MANNED SPACE FLIGHT
.. MERCURY FLIGHTS
.. MERCURY MA-4 FLIGHT
RT ATLAS LAUNCH VEHICLES

MERCURY MA-5 FLIGHT

UF MA-5 FLIGHT
GS SPACE FLIGHT
.. MANNED SPACE FLIGHT
.. MERCURY FLIGHTS
.. MERCURY MA-5 FLIGHT
RT ATLAS LAUNCH VEHICLES

MERCURY MA-6 FLIGHT

GS SPACE FLIGHT
.. MANNED SPACE FLIGHT
.. MERCURY FLIGHTS
.. MERCURY MA-6 FLIGHT
RT ATLAS LAUNCH VEHICLES
FRIENDSHIP 7

MERCURY MA-7 FLIGHT

GS SPACE FLIGHT
.. MANNED SPACE FLIGHT
.. MERCURY FLIGHTS
.. MERCURY MA-7 FLIGHT
RT ATLAS LAUNCH VEHICLES
AURORA 7

MERCURY MA-8 FLIGHT

UF MA-8 FLIGHT
GS SPACE FLIGHT
.. MANNED SPACE FLIGHT
.. MERCURY FLIGHTS
.. MERCURY MA-8 FLIGHT
RT ATLAS LAUNCH VEHICLES
SIGMA 7

MERCURY MA-9 FLIGHT

UF MA-9 FLIGHT
GS SPACE FLIGHT
.. MANNED SPACE FLIGHT
.. MERCURY FLIGHTS
.. MERCURY MA-9 FLIGHT
RT ATLAS LAUNCH VEHICLES
FAITH 7

MERCURY MR-1 FLIGHT

GS SPACE FLIGHT
.. MANNED SPACE FLIGHT
.. MERCURY FLIGHTS
.. MERCURY MR-1 FLIGHT

MERCURY MR-2 FLIGHT

GS SPACE FLIGHT
.. MANNED SPACE FLIGHT
.. MERCURY FLIGHTS
.. MERCURY MR-2 FLIGHT

MERCURY MR-3 FLIGHT

UF MR-3 FLIGHT
GS SPACE FLIGHT
.. MANNED SPACE FLIGHT
.. MERCURY FLIGHTS
.. MERCURY MR-3 FLIGHT
RT FREEDOM 7

MERCURY MR-4 FLIGHT

GS SPACE FLIGHT
.. MANNED SPACE FLIGHT
.. MERCURY FLIGHTS
.. MERCURY MR-4 FLIGHT
RT LIBERTY BELL 7

MERCURY OXIDES

GS CHALCOGENIDES
.. OXIDES
.. METAL OXIDES
.. MERCURY OXIDES
MERCURY COMPOUNDS
.. MERCURY OXIDES

MERCURY PROJECT

GS PROGRAMS
.. NASA PROGRAMS
.. MERCURY PROJECT
.. PROJECTS
.. MERCURY PROJECT
RT APOLLO PROJECT
ATLAS LAUNCH VEHICLES
GEMINI PROJECT
LITTLE JOE 2 LAUNCH VEHICLE
MANNED SPACE FLIGHT
MANNED SPACECRAFT

MERCURY SPACECRAFT

GS MANNED SPACECRAFT
.. MERCURY SPACECRAFT
.. AURORA 7
.. FAITH 7
.. FREEDOM 7
.. FRIENDSHIP 7
.. LIBERTY BELL 7
.. SIGMA 7
.. REENTRY VEHICLES
.. RECOVERABLE SPACECRAFT
.. MERCURY SPACECRAFT
.. AURORA 7
.. FAITH 7
.. FREEDOM 7
.. FRIENDSHIP 7
.. LIBERTY BELL 7
.. SIGMA 7
SOFT LANDING SPACECRAFT
.. MERCURY SPACECRAFT

MERCURY TELLURIDES

MERCURY SPACECRAFT-(CONT.)

.. AURORA 7
.. FAITH 7
.. FREEDOM 7
.. FRIENDSHIP 7
.. LIBERTY BELL 7
.. SIGMA 7
SPACE CAPSULES
.. MERCURY SPACECRAFT
.. AURORA 7
.. FAITH 7
.. FREEDOM 7
.. FRIENDSHIP 7
.. LIBERTY BELL 7
.. SIGMA 7

MERCURY TELLURIDES

GS CHALCOGENIDES
.. TELLURIDES
.. MERCURY TELLURIDES
MERCURY COMPOUNDS
.. MERCURY TELLURIDES
TELLURIUM COMPOUNDS
.. TELLURIDES
.. MERCURY TELLURIDES

MERCURY VAPOR

GS CHEMICAL ELEMENTS
.. MERCURY (METAL)
.. MERCURY VAPOR
LIQUIDS
.. LIQUID METALS
.. MERCURY (METAL)
.. MERCURY VAPOR
METALS
.. LIQUID METALS
.. MERCURY (METAL)
.. MERCURY VAPOR
.. METAL VAPORS
.. MERCURY VAPOR
VAPORS
.. METAL VAPORS
.. MERCURY VAPOR
RT CESIUM VAPOR
SODIUM VAPOR

MERGING ROUTINES

GS COMPUTER PROGRAMS
.. MERGING ROUTINES
RT .. ROUTINES

MERIDIONAL FLOW

GS FLUID FLOW
.. GAS FLOW
.. AIR FLOW
.. AIR CURRENTS
.. MERIDIONAL FLOW
RT ATMOSPHERIC CIRCULATION
FLOW GEOMETRY
WIND (METEOROLOGY)
WIND DIRECTION

MEROMORPHIC FUNCTIONS

GS ANALYSIS (MATHEMATICS)
.. COMPLEX VARIABLES
.. MEROMORPHIC FUNCTIONS
.. ELLIPTIC FUNCTIONS
.. RATIONAL FUNCTIONS
FUNCTIONS (MATHEMATICS)
.. MEROMORPHIC FUNCTIONS
.. ELLIPTIC FUNCTIONS
.. RATIONAL FUNCTIONS

MERRITT ISLAND (FL)

GS LANDFORMS
.. ISLANDS
.. MERRITT ISLAND (FL)
RT FLORIDA

MERWINITE

GS CALCIUM COMPOUNDS
.. MERWINITE
MAGNESIUM COMPOUNDS
.. MERWINITE
MINERALS
.. MERWINITE
SILICON COMPOUNDS
.. SILICATES
.. MERWINITE

MESAS

GS LANDFORMS
.. TERRACES (LANDFORMS)
.. PLATEAUS
.. MESAS

MESAS-(CONT.)

RT .. BUTTES
.. FLATS (LANDFORMS)
HIGHLANDS
MOUNTAINS

MESH

RT FABRICS
.. GRIDS
.. STRANDS
.. WEBBING
.. WEBS

MESITYLENE

GS HYDROCARBONS
.. MESITYLENE

MESOMETEOROLOGY

GS METEOROLOGY
.. MESOMETEOROLOGY
RT AERONOMY
LOWER ATMOSPHERE
MICROMETEOROLOGY

MESON RESONANCES

GS PARTICLES
.. ELEMENTARY PARTICLES
.. BOSONS
.. MESONS
.. MESON RESONANCES
.. X MESONS
.. FERMIONS
.. MESON RESONANCES
.. NUCLEAR PARTICLES
.. BOSONS
.. MESONS
.. MESON RESONANCES
.. X MESONS
RESONANCE
.. MESON RESONANCES
.. X MESONS
RT BARYONS
HYPERONS

MESON-MESON INTERACTIONS

GS PARTICLE INTERACTIONS
.. ELEMENTARY PARTICLE
INTERACTIONS
.. MESON-MESON INTERACTIONS
RT ELECTROMAGNETIC INTERACTIONS
.. INTERACTIONS

MESON-NUCLEON INTERACTIONS

GS PARTICLE INTERACTIONS
.. ELEMENTARY PARTICLE
INTERACTIONS
.. MESON-NUCLEON INTERACTIONS
RT CHARGED PARTICLES
.. INTERACTIONS
MESONS
YUKAWA POTENTIAL

MESONS

GS PARTICLES
.. ELEMENTARY PARTICLES
.. BOSONS
.. MESONS
.. ETA-MESONS
.. K-MESONS
.. KAONS
.. MESON RESONANCES
.. X MESONS
.. MUONS
.. PIONS
.. VECTOR MESONS
.. RHO-MESONS
.. SIGMA-MESONS
.. HADRONS
.. MESONS
.. K-MESONS
.. MUONS
.. OMEGA-MESONS
.. VECTOR MESONS
.. RHO-MESONS
.. SIGMA-MESONS
.. NUCLEAR PARTICLES
.. BOSONS
.. MESONS
.. ETA-MESONS
.. K-MESONS
.. KAONS
.. MESON RESONANCES
.. X MESONS
.. MUONS
.. PIONS

NASA THESAURUS (VOLUME 1)

MESONS-(CONT.)

.. VECTOR MESONS
.. RHO-MESONS
.. SIGMA-MESONS
RT BARYONS
BOSON FIELDS
CHARGED PARTICLES
CORPUSCULAR RADIATION
COSMIC RAYS
GLUONS
LEPTONS
MESON-NUCLEON INTERACTIONS
MUONIUM
POMERANCHUK THEOREM
STRANGENESS

MESOPAUSE

SN (ALTITUDE APPROXIMATELY 90 KM)
GS EARTH ATMOSPHERE
.. UPPER ATMOSPHERE
.. MESOPAUSE
ENVIRONMENTS
.. MESOPAUSE
RT MESOSPHERE
STRATOPAUSE

MESOPHILES

GS MICROORGANISMS
.. MESOPHILES
RT PSYCHROPHILES
THERMOPHILES

MESOSCALE PHENOMENA

GS PHENOMENOLOGY
.. MESOSCALE PHENOMENA
RT METEOROLOGY
WIND (METEOROLOGY)

MESOSPHERE

GS EARTH ATMOSPHERE
.. UPPER ATMOSPHERE
.. MESOSPHERE
ENVIRONMENTS
.. MESOSPHERE
RT CHEMOSPHERE
HOMOSPHERE
IONOSPHERE
MESOPAUSE
SOLAR MESOSPHERE EXPLORER
STRATOPAUSE

MESSAGE PROCESSING

RT COMMUNICATING
COMMUNICATION
CRYPTOGRAPHY
INFORMATION FLOW
MESSAGES
PACKET TRANSMISSION
.. PROCESSING
.. SEMANTICS
.. SIGNAL PROCESSING
.. SIGNAL TRANSMISSION
.. SYMBOLS

MESSAGES

GS COMMUNICATING
.. INFORMATION DISSEMINATION
.. MESSAGES
RT COMMUNICATION THEORY
INFORMATION THEORY
INTELLIGIBILITY
MESSAGE PROCESSING
SEMANTICS
SENTENCES
SIGNAL TRANSMISSION
.. SIGNALS
.. SYLLABLES
.. SYMBOLS
.. VOCODERS
.. WORDS (LANGUAGE)

MESSERSCHMITT ME P-160 AIRCRAFT

USE P-160 AIRCRAFT

MESSERSCHMITT ME P-308 AIRCRAFT

USE P-308 AIRCRAFT

METABOLIC DISEASES

GS DISEASES
.. METABOLIC DISEASES
RT METABOLISM

METABOLIC WASTES

GS WASTES

METABOLIC WASTES-(CONT.)

. METABOLIC WASTES
 . . HUMAN WASTES
 . . . URINE
 RT ACTIVATED SLUDGE
 AIR POLLUTION
 CARBON DIOXIDE
 COMPOSTING
 ENVIRONMENT EFFECTS
 ENVIRONMENT POLLUTION
 ENVIRONMENTAL SURVEYS
 EXPIRED AIR
 LIQUID WASTES
 MANURES
 METABOLITES
 ORGANIC WASTES (FUEL CONVERSION)
 POLLUTION
 SEWAGE
 SEWERS
 SOLID WASTES
 WASTE DISPOSAL

METABOLISM

GS **METABOLISM**
 . ADRENAL METABOLISM
 . ASCORBIC ACID METABOLISM
 . CALCIUM METABOLISM
 . CARBOHYDRATE METABOLISM
 . . HYPERGLYCEMIA
 . . HYPOGLYCEMIA
 . CATABOLISM
 . ELECTROLYTE METABOLISM
 . ENZYME ACTIVITY
 . FERMENTATION
 . HORMONE METABOLISMS
 . HYDROGEN METABOLISM
 . HYPOMETABOLISM
 . MINERAL METABOLISM
 . NITROGEN METABOLISM
 . OXYGEN METABOLISM
 . PHOSPHORUS METABOLISM
 . PROTEIN METABOLISM
 . . LIPID METABOLISM
 RT CALORIC REQUIREMENTS
 ENZYMOLOGY
 HETEROTROPHS
 HOMEOSTASIS
 KREBS CYCLE
 METABOLIC DISEASES
 METABOLITES
 NUTRITION
 OBESITY
 OSTEOPOROSIS
 OXYGEN CONSUMPTION
 RESPIRATION
 SECRETIONS
 THERMOREGULATION

METABOLITES

RT BIOCHEMISTRY
 BIOSYNTHESIS
 METABOLIC WASTES
 METABOLISM
 ORGANIC COMPOUNDS

METAGALAXY

USE UNIVERSE

METAL AIR BATTERIES

GS ELECTRIC GENERATORS
 . DIRECT POWER GENERATORS
 . . PRIMARY BATTERIES
 . . . **METAL AIR BATTERIES**
 ZINC-OXYGEN BATTERIES
 ELECTROCHEMICAL CELLS
 . ELECTRIC BATTERIES
 . . PRIMARY BATTERIES
 . . . **METAL AIR BATTERIES**
 ZINC-OXYGEN BATTERIES
 RT DRY CELLS
 STORAGE BATTERIES

METAL BONDING

GS BONDING
 . **METAL BONDING**
 . . METAL-METAL BONDING
 RT ADHESION
 ADHESIVE BONDING
 BIMETALS
 BRAZING
 DIFFUSION WELDING
 EXPLOSIVE WELDING
 JOINTS (JUNCTIONS)
 LAMINATES
 RESIN BONDING

METAL BONDING-(CONT.)

SOLDERING
 WELDING

METAL COATINGS

SN (COATINGS CONSISTING OF METAL)
 GS COATINGS
 . **METAL COATINGS**
 . . GOLD COATINGS
 . . NICKEL COATINGS
 . . ZINC COATINGS
 METALS
 . **METAL COATINGS**
 . . ALUMINUM COATINGS
 . . GOLD COATINGS
 . . NICKEL COATINGS
 . . ZINC COATINGS
 RT ANODIC STRIPPING
 ANTIRADAR COATINGS
 CERAMIC COATINGS
 CLADDING
 CORROSION
 CORROSION PREVENTION
 DEPOSITION
 ELECTROLESS DEPOSITION
 HOT CORROSION
 ION PLATING
 LACQUERS
 MAGNETRON SPUTTERING
 METALLIZING
 ∞ METALLURGY
 OXIDES
 PAINTS
 ∞ PLATES
 PLATING
 PRIMERS (COATINGS)
 PROTECTIVE COATINGS
 SPRAYED COATINGS

METAL COMBUSTION

GS COMBUSTION
 . **METAL COMBUSTION**
 RT FUEL COMBUSTION
 GAS-METAL INTERACTIONS
 METALS
 OXIDATION
 PROPELLANT COMBUSTION
 PYROPHORIC MATERIALS
 SOLID PROPELLANT COMBUSTION
 SOLID PROPELLANT IGNITION

∞ METAL COMPOUNDS

SN (USE OF A MORE SPECIFIC TERM IS
 RECOMMENDED--CONSULT THE TERMS
 LISTED BELOW)
 RT ALUMINUM COMPOUNDS
 AMMINES
 BARIUM COMPOUNDS
 BERYLLIUM COMPOUNDS
 BISMUTH COMPOUNDS
 CADMIUM COMPOUNDS
 CALCIUM COMPOUNDS
 CERIUM COMPOUNDS
 CESIUM COMPOUNDS
 CHROMIUM COMPOUNDS
 COBALT COMPOUNDS
 COPPER COMPOUNDS
 DYSPROSIUM COMPOUNDS
 ERBIUM COMPOUNDS
 EUROPIUM COMPOUNDS
 GALLIUM COMPOUNDS
 HAFNIUM COMPOUNDS
 INDIUM COMPOUNDS
 IRON COMPOUNDS
 LANTHANUM COMPOUNDS
 LEAD COMPOUNDS
 LEAD ORGANIC COMPOUNDS
 LITHIUM COMPOUNDS
 LITHIUM IODATES
 LUTETIUM COMPOUNDS
 MAGNESIUM COMPOUNDS
 MANGANESE COMPOUNDS
 MERCURY COMPOUNDS
 METAL FLUORIDES
 METAL HALIDES
 METAL HYDRIDES
 METAL OXIDES
 METALS
 MOLYBDENUM COMPOUNDS
 NEODYMIUM COMPOUNDS
 NEPTUNIUM COMPOUNDS
 NICKEL COMPOUNDS
 NIOBIUM COMPOUNDS
 ORGANOMETALLIC COMPOUNDS
 OSMIUM COMPOUNDS

METAL COMPOUNDS-(CONT.)

PLATINUM COMPOUNDS
 PLUTONIUM COMPOUNDS
 POTASSIUM COMPOUNDS
 PROTACTINIUM COMPOUNDS
 RARE EARTH COMPOUNDS
 RHENIUM COMPOUNDS
 RUBIDIUM COMPOUNDS
 RUTHENIUM COMPOUNDS
 SAMARIUM COMPOUNDS
 SCANDIUM COMPOUNDS
 SILVER COMPOUNDS
 SODIUM COMPOUNDS
 STRONTIUM COMPOUNDS
 TANTALUM COMPOUNDS
 TECHNETIUM COMPOUNDS
 THALLIUM COMPOUNDS
 THORIUM COMPOUNDS
 THULIUM COMPOUNDS
 TIN COMPOUNDS
 TITANIUM COMPOUNDS
 TUNGSTEN COMPOUNDS
 URANIUM COMPOUNDS
 VANADIUM COMPOUNDS
 YTTERBIUM COMPOUNDS
 YTTRIUM COMPOUNDS
 ZINC COMPOUNDS
 ZIRCONIUM COMPOUNDS

METAL CORROSION

USE CORROSION

METAL CRYSTALS

GS CRYSTALS
 . **METAL CRYSTALS**
 METALS
 RT . **METAL CRYSTALS**
 CRYSTAL LATTICES
 CRYSTAL STRUCTURE
 METALLOGRAPHY

METAL CUTTING

GS CUTTING
 . **METAL CUTTING**
 RT COUNTERSINKING
 GRINDING (MATERIAL REMOVAL)
 KNURLING
 LASER CUTTING
 MACHINE TOOLS
 MACHINING
 MELTING
 MILLING (MACHINING)
 PERFORATING
 PLANING
 PLASMA ARC CUTTING
 SCARFING
 SHEARING
 SLICING
 SPARK MACHINING
 SPIKING

METAL DRAWING

GS FORMING TECHNIQUES
 . **METAL DRAWING**
 METAL WORKING
 . **METAL DRAWING**
 RT BULGING
 BUNDLE DRAWING
 COLD DRAWING
 COLD WORKING
 ∞ DRAWING
 DUCTILITY
 HOT WORKING
 MAGNETIC FORMING
 STRETCH FORMING

METAL FATIGUE

GS FATIGUE (MATERIALS)
 . **METAL FATIGUE**
 RT BENDING FATIGUE
 COFFIN-MANSON LAW
 CRACK CLOSURE
 CRACK INITIATION
 CRACK PROPAGATION
 FRACTURING
 INELASTIC STRESS
 RETIREMENT FOR CAUSE
 RUPTURING
 S-N DIAGRAMS
 STRESS CORROSION
 STRESS CORROSION CRACKING
 THERMAL FATIGUE
 TRANSGRANULAR CORROSION

METAL FIBERS

METAL FIBERS
 GS FIBERS
 . **METAL FIBERS**
 RT BORSIC (TRADE NAME)
 FIBER COMPOSITES
 FILAMENT WINDING
 REINFORCING FIBERS

METAL FILMS
 GS METALS
 . **METAL FILMS**
 RT COATINGS
 ∞ FILMS
 METALLIZING
 NICKEL COATINGS
 PHOTOTHERMAL CONVERSION
 PICKLING (METALLURGY)
 SPUTTERING GAGES
 THIN FILMS

METAL FINISHING
 GS **METAL FINISHING**
 . ELECTROPOLISHING
 . PEENING
 . SHOT PEENING
 RT CLEANING
 COATING
 COATINGS
 DESCALING
 PICKLING (METALLURGY)
 PLATING
 SURFACE FINISHING

METAL FLUORIDES
 GS HALOGEN COMPOUNDS
 . FLUORINE COMPOUNDS
 . FLUORIDES
 . **METAL FLUORIDES**
 . . . ALUMINUM FLUORIDES
 . . . BERYLLIUM FLUORIDES
 . . . CADMIUM FLUORIDES
 . . . CALCIUM FLUORIDES
 . . . CESIUM FLUORIDES
 . . . CHROMIUM FLUORIDES
 . . . COBALT FLUORIDES
 . . . COPPER FLUORIDES
 . . . LANTHANUM FLUORIDES
 . . . LITHIUM FLUORIDES
 . . . MAGNESIUM FLUORIDES
 . . . NICKEL FLUORIDES
 . . . PLUTONIUM FLUORIDES
 . . . PROTACTINIUM FLUORIDES
 . . . SODIUM FLUORIDES
 . . . STRONTIUM FLUORIDES
 . . . THORIUM FLUORIDES
 . . . TUNGSTEN FLUORIDES
 . . . URANIUM FLUORIDES
 . . . ZINC FLUORIDES
 RT ∞ METAL COMPOUNDS

METAL FOAMS
 GS FOAMS
 . **METAL FOAMS**
 RT BUBBLES
 FOAMING
 LOW GRAVITY MANUFACTURING
 ∞ MATERIALS SCIENCE
 MELTING
 ∞ METALLURGY
 SPACE PROCESSING APPLICATIONS
 ROCKET

METAL FOILS
 GS FOILS (MATERIALS)
 . **METAL FOILS**
 . METALS
 . **METAL FOILS**
 RT HONEYCOMB STRUCTURES
 MULTILAYER INSULATION
 ∞ SHEETS

METAL FORGING
 USE FORGING

METAL FORMING
 USE FORMING TECHNIQUES
 METAL WORKING

METAL FUELS
 GS FUELS
 . CHEMICAL FUELS
 . **METAL FUELS**
 RT ALUMINUM COMPOUNDS
 BERYLLIUM COMPOUNDS
 BORON COMPOUNDS

METAL FUELS-(CONT.)
 CESIUM COMPOUNDS
 GELLED PROPELLANTS
 HYBRID PROPELLANTS
 LITHIUM COMPOUNDS
 METALS
 SLURRY PROPELLANTS
 SOLID PROPELLANTS

METAL GRINDING
 GS GRINDING (MATERIAL REMOVAL)
 . **METAL GRINDING**
 RT FORMING TECHNIQUES
 GRINDING MACHINES
 SURFACE FINISHING

METAL HALIDES
 GS HALOGEN COMPOUNDS
 . HALIDES
 . **METAL HALIDES**
 . . . ALKALI HALIDES
 . . . CESIUM HALIDES
 . . . CESIUM BROMIDES
 . . . CESIUM FLUORIDES
 . . . CESIUM IODIDES
 . . . POTASSIUM IODIDES
 . . . SODIUM BROMIDES
 . . . SODIUM CHLORIDES
 . . . SODIUM FLUORIDES
 . . . SODIUM IODIDES
 . . . ALUMINUM CHLORIDES
 . . . ALUMINUM FLUORIDES
 . . . BARIUM FLUORIDES
 . . . BERYLLIUM CHLORIDES
 . . . BERYLLIUM FLUORIDES
 . . . CADMIUM CHLORIDES
 . . . CADMIUM FLUORIDES
 . . . CALCIUM CHLORIDES
 . . . CALCIUM FLUORIDES
 . . . CHROMIUM BROMIDES
 . . . CHROMIUM FLUORIDES
 . . . COBALT FLUORIDES
 . . . COPPER CHLORIDES
 . . . COPPER FLUORIDES
 . . . HAFNIUM IODIDES
 . . . IRON CHLORIDES
 . . . LANTHANUM CHLORIDES
 . . . LANTHANUM FLUORIDES
 . . . LEAD CHLORIDES
 . . . LITHIUM CHLORIDES
 . . . LITHIUM FLUORIDES
 . . . MAGNESIUM BROMIDES
 . . . MAGNESIUM FLUORIDES
 . . . NICKEL FLUORIDES
 . . . NIOBIUM IODIDES
 . . . PLUTONIUM FLUORIDES
 . . . POTASSIUM BROMIDES
 . . . POTASSIUM CHLORIDES
 . . . PROTACTINIUM FLUORIDES
 . . . SILVER HALIDES
 . . . SILVER BROMIDES
 . . . SILVER CHLORIDES
 . . . SILVER IODIDES
 . . . STRONTIUM BROMIDES
 . . . STRONTIUM FLUORIDES
 . . . TECHNETIUM FLUORIDES
 . . . THORIUM FLUORIDES
 . . . TITANIUM CHLORIDES
 . . . TUNGSTEN HALIDES
 . . . TUNGSTEN CHLORIDES
 . . . TUNGSTEN FLUORIDES
 . . . URANIUM FLUORIDES
 . . . ZINC CHLORIDES
 . . . ZINC FLUORIDES
 . . . ZIRCONIUM IODIDES
 RT ∞ METAL COMPOUNDS

METAL HARDENING
 USE HARDENING (MATERIALS)

METAL HYDRIDES
 UF PLUMBANE
 GS HYDROGEN COMPOUNDS
 . HYDRIDES
 . **METAL HYDRIDES**
 . . . ALUMINUM HYDRIDES
 . . . ALUMINUM BOROHYDRIDES
 . . . BERYLLIUM HYDRIDES
 . . . CESIUM HYDRIDES
 . . . LITHIUM HYDRIDES
 . . . LITHIUM ALUMINUM HYDRIDES
 . . . POTASSIUM HYDRIDES
 . . . SODIUM HYDRIDES
 RT ∞ METAL COMPOUNDS

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METAL INSULATOR SEMICONDUCTORS
 USE MIS (SEMICONDUCTORS)

METAL IONS
 GS IONS
 . CATIONS
 . **METAL IONS**
 . . . FERRIC IONS
 . . . MANGANESE IONS
 . . . VANADYL RADICAL
 PARTICLES
 . CHARGED PARTICLES
 . CATIONS
 . **METAL IONS**
 . . . FERRIC IONS
 . . . MANGANESE IONS
 RT BARIUM ION CLOUDS
 ION IMPLANTATION
 ION PLATING
 POSITIVE IONS

METAL JOINTS
 GS JOINTS (JUNCTIONS)
 . **METAL JOINTS**
 . . . SOLDERED JOINTS
 . . . WELDED JOINTS
 . . . SPOT WELDS
 RT BUTT JOINTS
 EXPLOSIVE WELDING
 LAP JOINTS
 RIVETED JOINTS
 SEAMS (JOINTS)

METAL MATRIX COMPOSITES
 GS COMPOSITE MATERIALS
 . **METAL MATRIX COMPOSITES**
 . . . BORSIC (TRADE NAME)
 . . . EUTECTIC COMPOSITES
 METALS
 . **METAL MATRIX COMPOSITES**
 MIXTURES
 . **METAL MATRIX COMPOSITES**
 . . . BORSIC (TRADE NAME)
 RT BORON FIBERS
 ELECTRODEPOSITION
 FIBER COMPOSITES
 FIBERS
 ∞ MATERIALS
 ∞ MATRICES
 MONOTECTIC ALLOYS
 PLASMA SPRAYING
 POWDER METALLURGY
 REINFORCING FIBERS
 RESIN MATRIX COMPOSITES
 WHISKER COMPOSITES

METAL OXIDE SEMICONDUCTORS
 UF MOS (SEMICONDUCTORS)
 GS ELECTRONIC EQUIPMENT
 . SOLID STATE DEVICES
 . SEMICONDUCTOR DEVICES
 . **METAL OXIDE SEMICONDUCTORS**
 . . . CHARGE TRANSFER DEVICES
 . . . BUCKET BRIGADE DEVICES
 . . . CHARGE COUPLED DEVICES
 . . . FAIRCHILD CCD-450 MEMORY
 DEVICE
 . . . CMOS
 . . . SOS (SEMICONDUCTORS)
 SEMICONDUCTORS (MATERIALS)
 . **METAL OXIDE SEMICONDUCTORS**
 . . . CHARGE TRANSFER DEVICES
 . . . CMOS
 . . . SOS (SEMICONDUCTORS)
 RT ION IMPLANTATION
 RECTIFIERS

METAL OXIDES
 GS CHALCOGENIDES
 . OXIDES
 . **METAL OXIDES**
 . . . ALKALINE EARTH OXIDES
 . . . BARIUM OXIDES
 . . . BERYLLIUM OXIDES
 . . . CALCIUM OXIDES
 . . . MAGNESIUM OXIDES
 . . . PERICLASE
 . . . ALUMINUM OXIDES
 . . . SAPPHIRE
 . . . BISMUTH OXIDES
 . . . CESIUM OXIDES
 . . . CHROMIUM OXIDES
 . . . CHROMITES
 . . . COBALT OXIDES
 . . . COPPER OXIDES

METAL OXIDES-(CONT.)

... HAFNIUM OXIDES
 ... IRON OXIDES
 ... CHROMITES
 ... HEMATITE
 ... ILMENITE
 ... MAGNETITE
 ... LANTHANUM OXIDES
 ... LEAD OXIDES
 ... LITHIUM OXIDES
 ... MANGANESE OXIDES
 ... HOPCALITE (TRADEMARK)
 ... MERCURY OXIDES
 ... MIXED OXIDES
 ... MOLYBDENUM OXIDES
 ... NICKEL OXIDES
 ... NIOBIUM OXIDES
 ... PLATINUM OXIDES
 ... PLUTONIUM OXIDES
 ... POTASSIUM OXIDES
 ... SCANDIUM OXIDES
 ... SILVER OXIDES
 ... SODIUM PEROXIDES
 ... TANTALUM OXIDES
 ... THORIUM OXIDES
 ... TIN OXIDES
 ... TITANIUM OXIDES
 ... ANATASE
 ... ILMENITE
 ... RUTILE
 ... TUNGSTEN OXIDES
 ... SCHEELITE
 ... URANIUM OXIDES
 ... VANADIUM OXIDES
 ... YTTRIUM OXIDES
 ... ZINC OXIDES
 ... ZIRCONIUM OXIDES
 RT CATHODIC COATINGS
 ∞ METAL COMPOUNDS
 OXIDE FILMS
 VANADATES

METAL PARTICLES

GS PARTICLES
 . METAL PARTICLES
 . PLATINUM BLACK
 . POWDERED ALUMINUM
 RT POWDER METALLURGY
 SCRAP
 SPUTTERING

METAL PLATES

UF PLATE (METAL)
 GS METAL PLATES
 . BOILER PLATE
 RT ARMOR
 BARS
 BILLETS
 FLANGES
 FLAT PLATES
 GIRDER WEBS
 PARALLEL PLATES
 ∞ PLATES
 PLATES (STRUCTURAL MEMBERS)
 RECTANGULAR PLATES
 SLABS
 THICK PLATES
 THIN PLATES

METAL POLISHING

UF POLISHED METALS
 GS POLISHING
 . METAL POLISHING
 . ELECTROPOLISHING
 RT CLEANING
 SURFACE FINISHING

METAL POWDER

UF POWDERED METALS
 GS METALS
 . METAL POWDER
 . PLATINUM BLACK
 . POWDERED ALUMINUM
 RT ATOMIZING
 BEARING ALLOYS
 COMMINUTION
 COMPRESSIBILITY
 COMPRESSING
 ELECTRODEPOSITION
 FLAKES
 MIXING
 PARTICLES
 POROUS MATERIALS
 REDUCTION (CHEMISTRY)
 SINTERING

METAL POWDER-(CONT.)
SIZE SEPARATION**METAL PROPELLANTS**

GS FUELS
 . SOLID ROCKET PROPELLANTS
 . METAL PROPELLANTS
 PROPELLANTS
 . ROCKET PROPELLANTS
 . SOLID ROCKET PROPELLANTS
 . METAL PROPELLANTS
 . SOLID PROPELLANTS
 . SOLID ROCKET PROPELLANTS
 . METAL PROPELLANTS
 RT ALUMINUM COMPOUNDS
 BERYLLIUM COMPOUNDS
 BORON COMPOUNDS
 GELLED PROPELLANTS
 GELLED ROCKET PROPELLANTS
 HYBRID PROPELLANTS
 MONOPROPELLANTS
 SLURRY PROPELLANTS

METAL SHEETS

UF SHEET METAL
 RT PLATES (STRUCTURAL MEMBERS)
 ∞ SHEETS

METAL SHELLS

GS SHELLS (STRUCTURAL FORMS)
 . METAL SHELLS
 RT CIRCULAR SHELLS
 CYLINDRICAL SHELLS
 HEMISPHERICAL SHELLS
 HULLS (STRUCTURES)
 MEMBRANE STRUCTURES
 ORTHOTROPIC SHELLS
 REINFORCED SHELLS
 SKIN (STRUCTURAL MEMBER)
 SPHERICAL SHELLS
 THIN WALLED SHELLS
 TOROIDAL SHELLS

METAL SPINNING

UF SPIN FORGING
 SPINNING (METALLURGY)
 GS FORMING TECHNIQUES
 . METAL SPINNING
 . HYDROSPINNING
 METAL WORKING
 . METAL SPINNING
 . HYDROSPINNING
 SPIN
 . METAL SPINNING
 . HYDROSPINNING
 RT COLD WORKING
 EXTRUDING
 HOT WORKING

METAL SPRAYING

GS SPRAYING
 . METAL SPRAYING
 RT ARC SPRAYING
 COATING
 COATINGS
 FLAME SPRAYING
 METALLIZING
 SURFACE FINISHING

METAL STRIPS

RT BILLETS
 RIBBONS
 STRAKES
 ∞ STRIP

METAL SURFACES

RT CRACK INITIATION
 CRYSTAL SURFACES
 EROSION
 GAS-SOLID INTERFACES
 LIQUID-SOLID INTERFACES
 OXIDE FILMS
 SOLID SURFACES
 SURFACE FINISHING
 SURFACE PROPERTIES
 SURFACE REACTIONS
 ∞ SURFACES

METAL VAPOR LASERS

GS STIMULATED EMISSION DEVICES
 . LASERS
 . METAL VAPOR LASERS
 RT LASER MATERIALS
 LASER MICROSCOPY
 OPTICAL PUMPING

METAL-INSULATOR-METAL DIODES**METAL VAPORS**

GS METALS
 . METAL VAPORS
 . MERCURY VAPOR
 . SODIUM VAPOR
 VAPORS
 . METAL VAPORS
 . MERCURY VAPOR
 . SODIUM VAPOR
 RT ALKALI METALS
 ALKALI VAPOR LAMPS
 GAS-METAL INTERACTIONS
 HEAT TRANSFER
 LIQUID METALS
 VAPOR DEPOSITION

METAL WHISKER REINFORCEMENT
USE WHISKER COMPOSITES**METAL WORKING**

SN (METAL DEFORMATION FOR CHANGING
 SHAPE AND FOR
 PROPERTIES-EXCLUDES CASTING,
 CUTTING, DEPOSITION PROCESS AND
 MACHINING)
 UF METAL FORMING
 GS METAL WORKING
 . AUSFORMING
 . BULGING
 . CLADDING
 . COINING
 . EXPLOSIVE FORMING
 . FORGING
 . HYDROFORMING
 . MAGNETIC FORMING
 . METAL DRAWING
 . METAL SPINNING
 . HYDROSPINNING
 . SIZING (SHAPING)
 RT BRAKES (FORMING OR BENDING)
 ∞ BREAKDOWN
 CASTING
 COLD PRESSING
 COLD ROLLING
 COLD WORKING
 DECARBURIZATION
 DEEP DRAWING
 DIMPLING
 ELECTROHYDRAULIC FORMING
 ELECTROMAGNETIC HAMMERS
 EXPLOSIVE WELDING
 EXTRUDING
 FLATTENING
 FORMING TECHNIQUES
 HARDENING (MATERIALS)
 HOT PRESSING
 HOT WORKING
 LASER APPLICATIONS
 LEVELING
 MACHINING
 MALLEABILITY
 ∞ METALLURGY
 PEENING
 PERFORATING
 PIERCING
 PLASMA ARC CUTTING
 PRESSING (FORMING)
 PYROMETALLURGY
 ∞ REDUCTION
 ROLL FORMING
 ∞ ROLLING
 SHEARING
 SHOT PEENING
 STAMPING
 STRETCH FORMING
 STRETCHING
 SWAGING
 TEMPERING
 WINDING
 WORK HARDENING

METAL-BARRIER-METAL JUNCTIONS
USE MBM JUNCTIONS**METAL-GAS SYSTEMS**

RT GAS LUBRICANTS
 GAS-METAL INTERACTIONS
 GASES
 METALS
 ∞ SYSTEMS
 VAPOR PHASES

METAL-INSULATOR-METAL DIODES
USE MIM DIODES

METAL-INSULATOR-METAL SEMICONDUCTORS

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METAL-INSULATOR-METAL SEMICONDUCTORS

USE MIM (SEMICONDUCTORS)

METAL-METAL BONDING

GS BONDING
 . METAL BONDING
 . . METAL-METAL BONDING
 RT ADHESIVE BONDING
 ADHESIVES
 DIFFUSION WELDING
 EXPLOSIVE WELDING
 INERTIA BONDING
 RESIN BONDING
 SOLDERING
 WELDING

METAL-NITRIDE-OXIDE-SEMICONDUCTORS

GS ELECTRONIC EQUIPMENT
 . SOLID STATE DEVICES
 . . METAL-NITRIDE-OXIDE-SEMICONDUCTORS
 SEMICONDUCTORS (MATERIALS)
 . METAL-NITRIDE-OXIDE-SEMICONDUCTORS
 RT CHIPS (MEMORY DEVICES)

METAL-NITRIDE-OXIDE-SILICON

UF MNOS
 GS SEMICONDUCTORS (MATERIALS)
 . METAL-NITRIDE-OXIDE-SILICON

METAL-OXIDE-METAL SEMICONDUCTORS

USE MOM (SEMICONDUCTORS)

METAL-WATER REACTIONS

GS CHEMICAL REACTIONS
 . METAL-WATER REACTIONS
 RT CORROSION
 ELECTROCHEMICAL CORROSION
 EROSION
 PITTING
 RUSTING
 SURFACE REACTIONS

METALLIC GLASSES

GS GLASS
 . METALLIC GLASSES
 RT GLASS COATINGS
 GLASS FIBERS
 OPTICAL PROPERTIES
 SILICON DIOXIDE
 SPIN GLASS
 VITREOUS MATERIALS

METALLIC HYDROGEN

GS CHEMICAL ELEMENTS
 . HYDROGEN
 . . HYDROGEN ISOTOPES
 . . . METALLIC HYDROGEN
 RT CRITICAL TEMPERATURE
 SOLID PHASES
 SOLIDIFIED GASES
 SOLIDS

METALLIC PLASMAS

GS GASES
 . IONIZED GASES
 . . CHARGED PARTICLES
 . . . METALLIC PLASMAS
 CESIUM PLASMA
 PARTICLES
 . CHARGED PARTICLES
 . . ENERGETIC PARTICLES
 . . . PLASMAS (PHYSICS)
 METALLIC PLASMAS
 CESIUM PLASMA
 RT ELECTRON PLASMA
 MERCURY ARCS
 PLASMA SHEATHS

METALLIC STARS

GS CELESTIAL BODIES
 . STARS
 . . METALLIC STARS
 RT ABUNDANCE
 CHEMICAL COMPOSITION
 STELLAR ATMOSPHERES
 STELLAR STRUCTURE

METALLIZING

GS COATING
 . METALLIZING
 COATINGS

METALLIZING-(CONT.)

RT . METALLIZING
 CLADDING
 ELECTROPLATING
 FINISHES
 FLAME SPRAYING
 LAMINATES
 METAL COATINGS
 METAL FILMS
 METAL SPRAYING
 PLATING
 SPRAYING
 SUBSTRATES
 VAPOR DEPOSITION

METALLOGRAPHY

RT ABRASION
 ALLOYS
 ANISOTROPY
 CRYSTAL LATTICES
 CRYSTALLOGRAPHY
 ELECTROPOLISHING
 ETCHING
 FERROGRAPHY
 INCLUSIONS
 ISOTROPY
 . MATERIALS TESTS
 METAL CRYSTALS
 . METALLURGY
 METALS
 MICROPOROSITY
 MICROSCOPES
 MICROSTRUCTURE
 ORDER-DISORDER TRANSFORMATIONS
 PHOTOMICROGRAPHY
 POLISHING
 RADIOGRAPHY
 REPLICAS
 SOLID SUSPENSIONS
 VIBRATORY POLISHING
 WIDMANSTATTEN STRUCTURE
 X RAY DIFFRACTION

METALLOIDS

UF SEMIMETALS
 GS CHEMICAL ELEMENTS
 . METALLOIDS
 . . ANTIMONY
 . . . ANTIMONY ISOTOPES
 . . . ARSENIC
 . . . ARSENIC ISOTOPES
 . . . BORON
 . . . BORON ISOTOPES
 BORON 10
 . . . GERMANIUM
 . . . GERMANIUM ISOTOPES
 . . . POLONIUM
 POLONIUM ISOTOPES
 POLONIUM 208
 POLONIUM 209
 POLONIUM 210
 . . . SILICON
 . . . SILICON ISOTOPES
 . . . TELLURIUM
 . . . TELLURIUM ISOTOPES
 RT ALLOYS
 ARSENIC ALLOYS
 BORON ALLOYS
 INTERMETALLICS
 METALS
 ORGANOMETALLIC COMPOUNDS
 SEMICONDUCTORS (MATERIALS)

METALLOORGANIC COMPOUNDS

USE ORGANOMETALLIC COMPOUNDS

METALLOSILOXANE POLYMER

RT ORGANOMETALLIC COMPOUNDS
 . POLYMERS

METALLOXANE POLYMER

GS ORGANOMETALLIC COMPOUNDS
 . METALLOXANE POLYMER
 RT . POLYMERS

. METALLURGY

SN (USE OF A MORE SPECIFIC TERM IS
 RECOMMENDED--CONSULT THE TERMS
 LISTED BELOW)

RT ALLOYS
 BENEFICIATION
 CASTING
 COATING
 COATINGS
 CORROSION

METALLURGY-(CONT.)

CRYSTALLOGRAPHY
 DUPLEX OPERATION
 FERROUS METALS
 FOUNDRIES
 FRACTOGRAPHY
 FURNACES
 HARDENING (MATERIALS)
 HEAT TREATMENT
 HYDROMETALLURGY
 LIGHT ALLOYS
 MECHANICAL PROPERTIES
 MELT SPINNING
 MELTING
 METAL COATINGS
 METAL FOAMS
 METAL WORKING
 METALLOGRAPHY
 METALS
 NONFERROUS METALS
 . PHYSICAL SCIENCES
 POWDER METALLURGY
 PYROMETALLURGY
 RAPID QUENCHING (METALLURGY)
 RECRYSTALLIZATION
 SMELTING
 THERMOMECHANICAL TREATMENT

METALS

UF MAGNETIC METALS
 GS . METALS
 . . ACTINIDE SERIES
 . . . ACTINIUM
 . . . RADIUM
 RADIUM ISOTOPES
 RADIUM 226
 . . . THORIUM
 . . . THORIUM ISOTOPES
 . . . TRANSURANIUM ELEMENTS
 AMERICIUM
 AMERICIUM ISOTOPES
 AMERICIUM 241
 BERKELIUM
 CALIFORNIUM
 CALIFORNIUM ISOTOPES
 CURIUM
 CURIUM ISOTOPES
 CURIUM 242
 CURIUM 244
 EINSTEINIUM
 FERMIUM
 LAWRENCIUM
 MENDELEVIUM
 NEPTUNIUM
 NEPTUNIUM ISOTOPES
 NOBELIUM
 PLUTONIUM
 PLUTONIUM ISOTOPES
 PLUTONIUM 238
 PLUTONIUM 239
 PLUTONIUM 240
 PLUTONIUM 241
 PLUTONIUM 244
 SERGENIUM
 . . . URANIUM
 URANIUM ISOTOPES
 URANIUM 232
 URANIUM 233
 URANIUM 234
 URANIUM 235
 URANIUM 238
 URANIUM PLASMAS
 . . . ALKALI METALS
 . . . CESIUM
 CESIUM ISOTOPES
 CESIUM 133
 CESIUM 134
 CESIUM 137
 CESIUM 144
 CESIUM VAPOR
 FRANCIUM
 LITHIUM
 LIQUID LITHIUM
 LITHIUM ISOTOPES
 POTASSIUM
 LIQUID POTASSIUM
 POTASSIUM ISOTOPES
 POTASSIUM 38
 POTASSIUM 39
 POTASSIUM 40
 RUBIDIUM
 RUBIDIUM ISOTOPES
 RUBIDIUM 86
 SODIUM
 LIQUID SODIUM
 SODIUM ISOTOPES

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METALS-(CONT.)

- . . . SODIUM 22
- . . . SODIUM 24
- . . . SODIUM VAPOR
- . . . ALKALINE EARTH METALS
- . . . BARIUM ISOTOPES
- . . . ALUMINUM
- . . . ALUMINUM ISOTOPES
- . . . ALUMINUM 26
- . . . ALUMINUM 27
- . . . POWDERED ALUMINUM
- . . . SINTERED ALUMINUM POWDER
- . . . ANTIMONY ISOTOPES
- . . . ASTATINE
- . . . ASTATINE ISOTOPES
- . . . BARIUM
- . . . BARIUM ISOTOPES
- . . . BERYLLIUM
- . . . BERYLLIUM ISOTOPES
- . . . BERYLLIUM 7
- . . . BERYLLIUM 9
- . . . BERYLLIUM 10
- . . . BISMUTH
- . . . BISMUTH ISOTOPES
- . . . CALCIUM
- . . . CALCIUM ISOTOPES
- . . . COPPER ISOTOPES
- . . . FERROUS METALS
- . . . GALLIUM
- . . . GALLIUM ISOTOPES
- . . . INDIUM
- . . . INDIUM ISOTOPES
- . . . LEAD (METAL)
- . . . LEAD ISOTOPES
- . . . LIQUID METALS
- . . . LIQUID LITHIUM
- . . . LIQUID POTASSIUM
- . . . LIQUID SODIUM
- . . . MERCURY (METAL)
- . . . MERCURY VAPOR
- . . . MAGNESIUM
- . . . MAGNESIUM ISOTOPES
- . . . METAL COATINGS
- . . . ALUMINUM COATINGS
- . . . GOLD COATINGS
- . . . NICKEL COATINGS
- . . . ZINC COATINGS
- . . . METAL CRYSTALS
- . . . METAL FILMS
- . . . METAL FOILS
- . . . METAL MATRIX COMPOSITES
- . . . METAL POWDER
- . . . PLATINUM BLACK
- . . . POWDERED ALUMINUM
- . . . METAL VAPORS
- . . . MERCURY VAPOR
- . . . SODIUM VAPOR
- . . . NOBLE METALS
- . . . GOLD
- . . . GOLD ISOTOPES
- . . . GOLD 198
- . . . RUTHENIUM
- . . . RUTHENIUM ISOTOPES
- . . . SILVER
- . . . SILVER ISOTOPES
- . . . NONFERROUS METALS
- . . . PROTACTINIUM
- . . . PROTACTINIUM ISOTOPES
- . . . RARE EARTH ELEMENTS
- . . . CERIUM
- . . . CERIUM ISOTOPES
- . . . CERIUM 137
- . . . CERIUM 144
- . . . DYSPROSIUM
- . . . DYSPROSIUM ISOTOPES
- . . . ERBIUM
- . . . ERBIUM ISOTOPES
- . . . EUROPIUM
- . . . EUROPIUM ISOTOPES
- . . . GADOLINIUM
- . . . GADOLINIUM ISOTOPES
- . . . HOLMIUM
- . . . HOLMIUM ISOTOPES
- . . . LANTHANUM
- . . . LANTHANUM ISOTOPES
- . . . LUTETIUM
- . . . LUTETIUM ISOTOPES
- . . . NEODYMIUM
- . . . NEODYMIUM ISOTOPES
- . . . PRASEODYMIUM
- . . . PRASEODYMIUM ISOTOPES
- . . . PROMETHIUM
- . . . PROMETHIUM ISOTOPES
- . . . SAMARIUM
- . . . SAMARIUM ISOTOPES
- . . . SCANDIUM

METALS-(CONT.)

- . . . SCANDIUM ISOTOPES
- . . . TERBIUM
- . . . TERBIUM ISOTOPES
- . . . THULIUM
- . . . THULIUM ISOTOPES
- . . . YTTERBIUM
- . . . YTTERBIUM ISOTOPES
- . . . YTTRIUM
- . . . YTTRIUM ISOTOPES
- . . . STRONTIUM
- . . . STRONTIUM ISOTOPES
- . . . STRONTIUM 85
- . . . STRONTIUM 87
- . . . STRONTIUM 89
- . . . STRONTIUM 90
- . . . THALLIUM
- . . . THALLIUM ISOTOPES
- . . . TIN
- . . . TIN ISOTOPES
- . . . TRANSITION METALS
- . . . CADMIUM
- . . . CADMIUM ISOTOPES
- . . . COBALT
- . . . COBALT ISOTOPES
- . . . COBALT 58
- . . . COBALT 60
- . . . GOLD
- . . . GOLD ISOTOPES
- . . . GOLD 198
- . . . HAFNIUM
- . . . HAFNIUM ISOTOPES
- . . . IRON
- . . . IRON ISOTOPES
- . . . IRON 57
- . . . IRON 58
- . . . IRON 59
- . . . MANGANESE
- . . . MANGANESE ISOTOPES
- . . . NICKEL
- . . . NICKEL ISOTOPES
- . . . PALLADIUM
- . . . PLATINUM
- . . . PLATINUM BLACK
- . . . PLATINUM ISOTOPES
- . . . REFRACTORY METALS
- . . . CHROMIUM
- . . . CHROMIUM ISOTOPES
- . . . IRIIDIUM
- . . . IRIIDIUM ISOTOPES
- . . . MOLYBDENUM
- . . . NIOBIUM
- . . . NIOBIUM ISOTOPES
- . . . NIOBIUM 95
- . . . OSMIUM
- . . . OSMIUM ISOTOPES
- . . . RHENIUM
- . . . RHENIUM ISOTOPES
- . . . TANTALUM
- . . . TANTALUM ISOTOPES
- . . . TUNGSTEN
- . . . TUNGSTEN ISOTOPES
- . . . RHODIUM
- . . . RHODIUM ISOTOPES
- . . . RUTHENIUM
- . . . RUTHENIUM ISOTOPES
- . . . SCANDIUM
- . . . SCANDIUM ISOTOPES
- . . . SILVER
- . . . SILVER ISOTOPES
- . . . TECHNETIUM
- . . . TECHNETIUM ISOTOPES
- . . . TITANIUM
- . . . TITANIUM ISOTOPES
- . . . VANADIUM
- . . . VANADIUM ISOTOPES
- . . . YTTRIUM
- . . . YTTRIUM ISOTOPES
- . . . ZINC
- . . . ZINC ISOTOPES
- . . . ZIRCONIUM
- . . . ZIRCONIUM ISOTOPES
- . . . ZIRCONIUM 95
- . . . ULTRAPURE METALS

RT

- ALLOYS
- ANTIMONY
- ARSENIC
- ARSENIC ISOTOPES
- BIMETALS
- BORSIC (TRADENAME)
- CHEMICAL ELEMENTS
- COMPOSITE MATERIALS
- CONDUCTORS
- EUTECTIC COMPOSITES
- GADOLINIUM ALLOYS
- INTERMETALLICS

METEORITE COMPRESSION TESTS

METALS-(CONT.)

- ISOTOPES
- LIGHT ALLOYS
- LIQUID ALLOYS
- METAL COMBUSTION
- ∞ METAL COMPOUNDS
- METAL FUELS
- METAL-GAS SYSTEMS
- METALLOGRAPHY
- METALLOIDS
- ∞ METALLURGY
- MONOTECTIC ALLOYS
- PALLADIUM COMPOUNDS
- POLONIUM
- POLONIUM ISOTOPES
- POLONIUM 208
- POLONIUM 209
- POLONIUM 210
- SYNTECTIC ALLOYS

METAMORPHISM (GEOLOGY)

- RT CONTACTS (GEOLOGY)
- PHASE TRANSFORMATIONS
- ROCKS

METASTABILITY

- USE METASTABLE STATE

METASTABLE ATOMS

- GS ATOMS
- . METASTABLE ATOMS
- RT PENNING EFFECT

METASTABLE STATE

- UF METASTABILITY
- RT EXCITATION
- RADIATION TRAPPING
- STABILITY
- STEADY STATE
- UNSTEADY STATE

METATHESIS

- RT ELECTROLYSIS
- ION EXCHANGING

METAZOA

- USE ANIMALS

METEOR BURSTS

- USE METEOROID SHOWERS

METEOR CRATERS

- USE CRATERS

METEOR HAZARDS

- USE METEOROID HAZARDS

METEOR TRAILS

- UF METEORITIC IONIZATION
- RT BOLIDES
- EARTH ATMOSPHERE
- METEOROID SHOWERS
- METEORIDS
- MICROMETEORIDS
- ∞ PATHS
- PRIBRAM METEORITE
- RADIO METEORS
- SCATTER PROPAGATION
- SPORADIC METEORIDS
- ∞ TRACKS
- UPPER ATMOSPHERE

METEOR 1 ROCKET VEHICLE

- GS ROCKET VEHICLES
- . METEOR 1 ROCKET VEHICLE
- RT LIQUID PROPELLANT ROCKET ENGINES
- RAMJET ENGINES
- SOLID PROPELLANT ROCKET ENGINES

METEORITE COLLISIONS

- GS COLLISIONS
- . METEORITE COLLISIONS
- RT HYPERVELOCITY IMPACT
- METEORITIC DAMAGE
- METEOROID HAZARDS
- SHATTER CONES

METEORITE COMPRESSION TESTS

- USE COMPRESSION TESTS
- MECHANICAL PROPERTIES
- METEORITES

METEORITE CRATERS

METEORITE CRATERS

UF FOSSIL METEORITE CRATERS
 GS METEOROID CRATERS
 CRATERS
 . **METEORITE CRATERS**
 RT CANADIAN SHIELD
 CRATERING
 EJECTA
 LUNAR CRATERS
 LUNAR RAYS
 MARIA
 MARS CRATERS
 MARS SURFACE
 METEORITES
 METEORITIC DAMAGE
 PLANETARY CRATERS
 PROJECTILE CRATERING
 PTOLEMAEUS CRATER
 SHATTER CONES
 TUNGUSK METEORITE
 TYCHO CRATER

METEORITES

SN (METEOROIDS WHICH HAVE REACHED
 THE SURFACE OF AN ASTEROID,
 NATURAL SATELLITE OR PLANET)
 UF METEORITE COMPRESSION TESTS
 GS CELESTIAL BODIES
 . **METEORITES**
 . HARLETON METEORITE
 . IRON METEORITES
 . AROOS METEORITE
 . ODESSA METEORITE
 . SIKHOTE-LIN METEORITE
 . WASHINGTON COUNTY METEORITE
 . LAZAREV METEORITE
 . MICROMETEORITES
 . OKHANSK METEORITE
 . STONY METEORITES
 . ACHONDRITES
 . BONDOC METEORITE
 . DYALPUR METEORITE
 . KAPOETA ACHONDRITE
 . NORTON COUNTY ACHONDRITE
 . CHONDRITES
 . BRUDERHEIM METEORITE
 . CARBONACEOUS CHONDRITES
 . CARBONACEOUS METEORITES
 . ALAIS METEORITE
 . COLD BOKKEVELD METEORITE
 . IVUNA METEORITE
 . MURRAY METEORITE
 . ORGUEIL METEORITE
 . TONK METEORITE
 . HVITTIS CHONDRITE
 . PANTAR CHONDRITES
 . PRIBRAM METEORITE
 . YURTUK METEORITE
 . TEKTITES
 . AUSTRALITES
 . BEDIASITES
 . TUNGUSK METEORITE
 RT BOLIDES
 COESITE
 FOREIGN BODIES
 IMPACT MELTS
 METEORITE CRATERS
 METEORITIC COMPOSITION
 METEORITIC MICROSTRUCTURES
 METEOROID SHOWERS
 METEOROIDS
 MICROMETEOROIDS
 MOLDAVITE

METEORITIC COMPOSITION

GS COMPOSITION (PROPERTY)
 . **METEORITIC COMPOSITION**
 RT CARBONACEOUS METEORITES
 COSMOCHEMISTRY
 IRON METEORITES
 KAMACITE
 METEORITES
 SCHREIBERSITE
 STONY METEORITES
 TEKTITES
 TROILITE

METEORITIC DAMAGE

GS DAMAGE
 . IMPACT DAMAGE
 . **METEORITIC DAMAGE**
 RT ∞ BOMBARDMENT
 CRATERING
 EJECTA
 HYPERVELOCITY IMPACT

METEORITIC DAMAGE-(CONT.)

MARS CRATERS
 METEORITE COLLISIONS
 METEORITE CRATERS
 METEOROID HAZARDS
 METEOROID PROTECTION
 PROJECTILE CRATERING

METEORITIC DIAMONDS

GS DIAMONDS
 . **METEORITIC DIAMONDS**

METEORITIC DUST

USE MICROMETEOROIDS

METEORITIC IONIZATION

USE ATMOSPHERIC IONIZATION
 METEOR TRAILS

METEORITIC MICROSTRUCTURES

GS MICROSTRUCTURE
 . **METEORITIC MICROSTRUCTURES**
 RT IRON METEORITES
 METEORITES
 STONY METEORITES
 TEKTITES
 WIDMANSTATTEN STRUCTURE

METEOROID CONCENTRATION

GS COMPOSITION (PROPERTY)
 . CONCENTRATION (COMPOSITION)
 . **METEOROID CONCENTRATION**
 DENSITY (NUMBER/VOLUME)
 . **METEOROID CONCENTRATION**
 RT FLUX DENSITY
 MASS DISTRIBUTION
 SPATIAL DISTRIBUTION
 SPORADIC METEOROIDS

METEOROID CRATERS

USE METEORITE CRATERS

METEOROID DUST CLOUDS

GS CELESTIAL BODIES
 . METEOROIDS
 . MICROMETEOROIDS
 . **METEOROID DUST CLOUDS**
 ZODIACAL DUST
 DUST
 . COSMIC DUST
 . INTERPLANETARY DUST
 . . **METEOROID DUST CLOUDS**
 ZODIACAL DUST
 MEDIA
 . INTERPLANETARY MEDIUM
 . INTERPLANETARY DUST
 . . **METEOROID DUST CLOUDS**
 ZODIACAL DUST
 RT CLOUDS
 EXPLORER SATELLITES
 TERRESTRIAL DUST BELT

METEOROID HAZARDS

UF METEOR HAZARDS
 GS HAZARDS
 . FLIGHT HAZARDS
 . . **METEOROID HAZARDS**
 RT METEORITE COLLISIONS
 METEORITIC DAMAGE
 METEOROIDS
 OPERATIONAL HAZARDS
 PROJECTILE CRATERING

METEOROID PROTECTION

GS PROTECTION
 . **METEOROID PROTECTION**
 RT BUMPERS
 IMPACT DAMAGE
 METEORITIC DAMAGE
 SPACECRAFT SHIELDING
 SPACECRAFT STRUCTURES

METEOROID SHOWERS

UF METEOR BURSTS
 GS CELESTIAL BODIES
 . **METEOROID SHOWERS**
 . . AQUARID METEOROIDS
 . . ARIETID METEOROIDS
 . . CYRILLID METEOROIDS
 . . DRACONID METEOROIDS
 . . GEMINID METEOROIDS
 . . LEONID METEOROIDS
 . . ORIONID METEOROIDS
 . . PERSEID METEOROIDS

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METEOROID SHOWERS-(CONT.)

. . . QUADRANTID METEOROIDS
 . . TAURID METEOROIDS
 RT ASTRONOMY
 BOLIDES
 COMETS
 METEOR TRAILS
 METEORITES
 METEOROIDS
 ∞ SHOWERS

METEOROIDS

SN (SOLID OBJECTS IN SPACE, MUCH
 SMALLER THAN AN ASTEROID AND
 MUCH LARGER THAN A MOLECULE)
 UF METEORS
 GS CELESTIAL BODIES
 . **METEOROIDS**
 . . AQUARID METEOROIDS
 . . ARIETID METEOROIDS
 . . BOLIDES
 . . . CYRILLID METEOROIDS
 . . DRACONID METEOROIDS
 . . GEMINID METEOROIDS
 . . LEONID METEOROIDS
 . . MICROMETEOROIDS
 . . METEOROID DUST CLOUDS
 ZODIACAL DUST
 . . ORIONID METEOROIDS
 . . PERSEID METEOROIDS
 . . QUADRANTID METEOROIDS
 . . RADIO METEORS
 . . SPORADIC METEOROIDS
 . . TAURID METEOROIDS
 RT ASTEROID BELTS
 ASTEROIDS
 BUMPERS
 CHIRON
 COMETS
 COSMIC DUST
 HYPERVELOCITY PROJECTILES
 INTERPLANETARY DUST
 INTERPLANETARY MEDIUM
 METEOR TRAILS
 METEORITES
 METEOROID HAZARDS
 METEOROID SHOWERS
 MICROMETEORITES
 NATURAL SATELLITES
 PARTICLE TRACKS
 RADIATION METEOROID SPACECRAFT
 SOLAR SYSTEM
 SPACE DEBRIS
 TEMPEL 2 COMET
 TORO ASTEROID
 VESTA ASTEROID

METEOROLOGICAL BALLOONS

GS EXPANDABLE STRUCTURES
 . INFLATABLE STRUCTURES
 . . BALLOONS
 . . . **METEOROLOGICAL BALLOONS**
 JIMSPHERE BALLOONS
 ROBIN BALLOONS
 RT DROPSONDES
 HIGH ALTITUDE BALLOONS
 RADIOSONDES
 RAWINSONDES
 ROCKOONS
 SKYHOOK BALLOONS
 SOUNDING
 SUPERPRESSURE BALLOONS
 TETHERED BALLOONS
 UPPER ATMOSPHERE
 WEATHER FORECASTING

METEOROLOGICAL CHARTS

UF WEATHER CHARTS
 WEATHER MAPS
 GS CHARTS
 . **METEOROLOGICAL CHARTS**
 MAPS
 . **METEOROLOGICAL CHARTS**
 RT ISOBARS (PRESSURE)
 RADAR MAPS
 SYNOPTIC METEOROLOGY

METEOROLOGICAL FLIGHT

RT AERIAL RECONNAISSANCE
 BALLOON FLIGHT
 ∞ FLIGHT
 ICE REPORTING
 ROCKET FLIGHT
 SIRS 8 SATELLITE
 SOUNDING

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METEOROLOGICAL SATELLITES

METEOROLOGICAL FLIGHT-(CONT.)

SPACE FLIGHT
WEATHER FORECASTING

METEOROLOGICAL INSTRUMENTS

GS MEASURING INSTRUMENTS
 . METEOROLOGICAL INSTRUMENTS
 . . BAROMETERS
 . . CLOUD HEIGHT INDICATORS
 . . DROPSONDES
 . . RADIOMETEOROGRAPHS
 . . RADIOSONDES
 . . . ENDORADIOSONDES
 . . . IONOSONDES
 . . . RAWINSONDES
 . . RAIN GAGES
 . . WEATHER DATA RECORDERS
 . . WIND VANES
 RT ANEMOMETERS
 BALLOON-BORNE INSTRUMENTS
 HOT-FILM ANEMOMETERS
 HOT-WIRE ANEMOMETERS
 HUMIDITY MEASUREMENT
 HYGROMETERS
 HYPSONOMETERS
 ∞ INSTRUMENTS
 LIGHT SCATTERING METERS
 METEOROLOGY
 NEPHANALYSIS
 PSYCHROMETERS
 RECORDING INSTRUMENTS
 ROCKET-BORNE INSTRUMENTS
 SIRS B SATELLITE
 SODAR
 SOUND DETECTING AND RANGING
 SOUNDING ROCKETS
 TRANSDUCERS
 WEATHER RECONNAISSANCE AIRCRAFT
 WEATHER STATIONS

METEOROLOGICAL PARAMETERS

GS CONSTRAINTS
 . METEOROLOGICAL PARAMETERS
 RT AEROLOGY
 AGROCLIMATOLOGY
 ANNUAL VARIATIONS
 ATMOSPHERIC & OCEANOGRAPHIC
 INFORM SYS
 ATMOSPHERIC CLOUD PHYSICS LAB
 (SPACELAB)
 ATMOSPHERIC TURBULENCE
 CEILINGS (METEOROLOGY)
 CLOUD COVER
 COLD FRONTS
 EQUATORIAL ATMOSPHERE
 FRONTS (METEOROLOGY)
 HUMIDITY
 HYDROLOGY
 ISOTHERMS
 MOISTURE
 OCEAN DATA ACQUISITIONS SYSTEMS
 OCEANOGRAPHIC PARAMETERS
 PRECIPITATION (METEOROLOGY)
 STORMS (METEOROLOGY)
 TEMPERATURE INVERSIONS
 TROPICAL METEOROLOGY
 WARM FRONTS
 WEATHER
 WIND MEASUREMENT

METEOROLOGICAL PROBES

USE SONDES

METEOROLOGICAL RADAR

UF WEATHER RADAR
 GS RADAR
 . METEOROLOGICAL RADAR
 RT PRECIPITATION PARTICLE
 MEASUREMENT
 PULSE RADAR
 RADAR SCANNING
 RADAR TRACKING
 RADIO METEOROLOGY
 SURVEILLANCE RADAR
 WEATHER FORECASTING

METEOROLOGICAL RESEARCH AIRCRAFT

RT ∞ AIRCRAFT
 DATA ACQUISITION
 RESEARCH AIRCRAFT

METEOROLOGICAL ROCKETS

USE SOUNDING ROCKETS

METEOROLOGICAL SATELLITES

GS SATELLITES
 . ARTIFICIAL SATELLITES
 . METEOROLOGICAL SATELLITES
 . . AEROS SATELLITE
 . . COSMOS 144 SATELLITE
 . . D-2 SATELLITES
 . . DIRECT READOUT EQUATORIAL
 . . WEATHER SAT
 . . ELEKTRON SATELLITES
 . . . ELEKTRON 1 SATELLITE
 . . . ELEKTRON 2 SATELLITE
 . . . ELEKTRON 4 SATELLITE
 . . EOLE SATELLITES
 . . ESSA SATELLITES
 . . . ESSA 1 SATELLITE
 . . . ESSA 2 SATELLITE
 . . . ESSA 3 SATELLITE
 . . . ESSA 4 SATELLITE
 . . . ESSA 5 SATELLITE
 . . . ESSA 6 SATELLITE
 . . . ESSA 7 SATELLITE
 . . . ESSA 8 SATELLITE
 . . . ESSA 9 SATELLITE
 . . EXPLORER 9 SATELLITE
 . . EXPLORER 17 SATELLITE
 . . EXPLORER 19 SATELLITE
 . . GEOLE SATELLITES
 . . METEOSAT SATELLITE
 . . NIMBUS SATELLITES
 . . . NIMBUS F SATELLITE
 . . . NIMBUS G SATELLITE
 . . . NIMBUS 1 SATELLITE
 . . . NIMBUS 2 SATELLITE
 . . . NIMBUS 3 SATELLITE
 . . . NIMBUS 4 SATELLITE
 . . . NIMBUS 5 SATELLITE
 . . . NIMBUS 6 SATELLITE
 . . . NIMBUS 7 SATELLITE
 . . NOAA SATELLITES
 . . . NOAA 2 SATELLITE
 . . . NOAA 3 SATELLITE
 . . . NOAA 4 SATELLITE
 . . . NOAA 5 SATELLITE
 . . . NOAA 6 SATELLITE
 . . . NOAA 7 SATELLITE
 . . SAN MARCO SATELLITE
 . . . SAN MARCO 3 SATELLITE
 . . . SAN MARCO 1 SATELLITE
 . . . SAN MARCO 2 SATELLITE
 . . SEOCS (SATELLITE)
 . . SIRS B SATELLITE
 . . SPUTNIK 1 SATELLITE
 . . SPUTNIK 2 SATELLITE
 . . SPUTNIK 3 SATELLITE
 . . SRET SATELLITES
 . . . SRET 1 SATELLITE
 . . . SRET 2 SATELLITE
 . . SYNCHRONOUS EARTH
 . . OBSERVATORY SATELLITE
 . . . SMS 1
 . . . SMS 2
 . . SYNCHRONOUS METEOROLOGICAL
 . . SATELLITE
 . . . SMS 1
 . . . SMS 2
 . . TIROS SATELLITES
 . . . IMPROVED TIROS OPERATIONAL
 . . SATELLITES
 . . . ITOS 1
 . . . ITOS 2
 . . . ITOS 3
 . . . ITOS 4
 . . ITOS SATELLITES
 . . . ITOS 1
 . . . ITOS 2
 . . . ITOS 3
 . . . ITOS 4
 . . TIROS K SATELLITE
 . . TIROS M
 . . . TIROS 1 SATELLITE
 . . . TIROS 2 SATELLITE
 . . . TIROS 3 SATELLITE
 . . . TIROS 4 SATELLITE
 . . . TIROS 5 SATELLITE
 . . . TIROS 6 SATELLITE
 . . . TIROS 7 SATELLITE
 . . . TIROS 8 SATELLITE
 . . . TIROS 9 SATELLITE
 . . . TIROS 10 SATELLITE
 . . VANGUARD 2 SATELLITE
 . . EARTH SATELLITES
 . . METEOROLOGICAL SATELLITES
 . . . AEROS SATELLITE
 . . . COSMOS 144 SATELLITE
 . . D-2 SATELLITES

METEOROLOGICAL SATELLITES-(CONT.)

. . DIRECT READOUT EQUATORIAL
 . . WEATHER SAT
 . . ELEKTRON SATELLITES
 . . . ELEKTRON 1 SATELLITE
 . . . ELEKTRON 2 SATELLITE
 . . . ELEKTRON 4 SATELLITE
 . . EOLE SATELLITES
 . . ESSA SATELLITES
 . . . ESSA 1 SATELLITE
 . . . ESSA 2 SATELLITE
 . . . ESSA 3 SATELLITE
 . . . ESSA 4 SATELLITE
 . . . ESSA 5 SATELLITE
 . . . ESSA 6 SATELLITE
 . . . ESSA 7 SATELLITE
 . . . ESSA 8 SATELLITE
 . . . ESSA 9 SATELLITE
 . . EXPLORER 9 SATELLITE
 . . EXPLORER 17 SATELLITE
 . . EXPLORER 19 SATELLITE
 . . GEOLE SATELLITES
 . . METEOSAT SATELLITE
 . . NIMBUS SATELLITES
 . . . NIMBUS F SATELLITE
 . . . NIMBUS G SATELLITE
 . . . NIMBUS 1 SATELLITE
 . . . NIMBUS 2 SATELLITE
 . . . NIMBUS 3 SATELLITE
 . . . NIMBUS 4 SATELLITE
 . . . NIMBUS 5 SATELLITE
 . . . NIMBUS 6 SATELLITE
 . . . NIMBUS 7 SATELLITE
 . . NOAA SATELLITES
 . . . NOAA 2 SATELLITE
 . . . NOAA 3 SATELLITE
 . . . NOAA 4 SATELLITE
 . . . NOAA 5 SATELLITE
 . . . NOAA 6 SATELLITE
 . . SAN MARCO SATELLITE
 . . . SAN MARCO 3 SATELLITE
 . . . SAN MARCO 1 SATELLITE
 . . . SAN MARCO 2 SATELLITE
 . . SEOCS (SATELLITE)
 . . SIRS B SATELLITE
 . . SPUTNIK 1 SATELLITE
 . . SPUTNIK 2 SATELLITE
 . . SPUTNIK 3 SATELLITE
 . . SRET SATELLITES
 . . . SRET 1 SATELLITE
 . . . SRET 2 SATELLITE
 . . SYNCHRONOUS EARTH
 . . OBSERVATORY SATELLITE
 . . . SMS 1
 . . . SMS 2
 . . SYNCHRONOUS METEOROLOGICAL
 . . SATELLITE
 . . . SMS 1
 . . . SMS 2
 . . TIROS SATELLITES
 . . . IMPROVED TIROS OPERATIONAL
 . . SATELLITES
 . . . ITOS 1
 . . . ITOS 2
 . . . ITOS 3
 . . . ITOS 4
 . . ITOS SATELLITES
 . . . ITOS 1
 . . . ITOS 2
 . . . ITOS 3
 . . . ITOS 4
 . . TIROS K SATELLITE
 . . TIROS M
 . . . TIROS 1 SATELLITE
 . . . TIROS 2 SATELLITE
 . . . TIROS 3 SATELLITE
 . . . TIROS 4 SATELLITE
 . . . TIROS 5 SATELLITE
 . . . TIROS 6 SATELLITE
 . . . TIROS 7 SATELLITE
 . . . TIROS 8 SATELLITE
 . . . TIROS 9 SATELLITE
 . . . TIROS 10 SATELLITE
 . . VANGUARD 2 SATELLITE
 RT AGRISTARS PROJECT
 ATS
 CLOUD PHOTOGRAPHY
 GEOPHYSICAL SATELLITES
 GOES 1
 GOES 2
 GOES 3
 GOES 4
 GOES 5
 INFRARED PHOTOGRAPHY
 JAPANESE SPACE PROGRAM

METEOROLOGICAL SERVICES

METEOROLOGICAL SATELLITES-(CONT.)

METEOROLOGY
MILITARY SPACECRAFT
NAVIGATION SATELLITES
NIMBUS PROJECT
NOESS
SATELLITE OBSERVATION
SATELLITE SOUNDING
SATELLITE TELEVISION
SOUNDING ROCKETS
SPACE PROBES
TIROS PROJECT
UNMANNED SPACECRAFT
VANGUARD SATELLITES
WEATHER FORECASTING
WEATHER STATIONS

METEOROLOGICAL SERVICES

GS SERVICES
RT AUTOMATIC WEATHER STATIONS
FLIGHT CONDITIONS
WEATHER FORECASTING
WEATHER STATIONS

METEOROLOGICAL SOLENOIDS

RT BAROCLINITY
VORTICES

METEOROLOGICAL STATIONS

USE WEATHER STATIONS

METEOROLOGY

UF ATMOSPHERIC CONDITIONS
GS METEOROLOGY
AEROLGY
AGROMETEOROLOGY
ALPINE METEOROLOGY
HYDROMETEOROLOGY
MARINE METEOROLOGY
MESOMETEOROLOGY
MICROMETEOROLOGY
NUCLEAR METEOROLOGY
POLAR METEOROLOGY
RADIO METEOROLOGY
SYNOPTIC METEOROLOGY
TROPICAL METEOROLOGY
WEATHER FORECASTING
LONG RANGE WEATHER FORECASTING
NUMERICAL WEATHER FORECASTING
STATISTICAL WEATHER FORECASTING
RT ACID RAIN
ACOUSTIC SOUNDING
AERONOMY
AGROCLIMATOLOGY
AIR LAND INTERACTIONS
AIR MASSES
ANNUAL VARIATIONS
ANTICYCLONES
ANVIL CLOUDS
ATMOSPHERES
ATMOSPHERIC & OCEANOGRAPHIC INFORM SYS
ATMOSPHERIC DENSITY
ATMOSPHERIC PHYSICS
ATMOSPHERIC TURBULENCE
BAROCLINIC INSTABILITY
BLATON FORMULA
BRIGHTNESS TEMPERATURE
CAP CLOUDS
CEILINGS (METEOROLOGY)
CIRROCUMULUS CLOUDS
CIRROSTRATUS CLOUDS
CIRRUS SHIELDS
CLIMATE
CLIMATOLOGY
CLOUD COVER
CLOUDS (METEOROLOGY)
COLD FRONTS
CONVECTION
CONVECTION CLOUDS
CORIOLIS EFFECT
CYCLONES
ENVIRONMENTAL ENGINEERING
ENVIRONMENTAL MONITORING
FRONTS (METEOROLOGY)
GARP ATLANTIC TROPICAL EXPERIMENT
GEOLOGY
GEOPHYSICS
GLOBAL ATMOSPHERIC RESEARCH PROGRAM
HUMIDITY
HURRICANES

METEOROLOGY-(CONT.)

HYDROCLIMATOLOGY
HYDRODYNAMIC EQUATIONS
HYDROGRAPHY
HYDROLOGY
INSOLATION
ISOTHERMS
MESOSCALE PHENOMENA
METEOROLOGICAL INSTRUMENTS
METEOROLOGICAL SATELLITES
METEOSAT SATELLITE
METHOD OF CHARACTERISTICS
MOISTURE
NATIONAL SEVERE STORMS PROJECT
NEPHANALYSIS
NOESS
OCEANOGRAPHY
PHYSICAL SCIENCES
PRECIPITATION (METEOROLOGY)
SCIENCE
SEA BREEZE
SEASONS
SODAR
SOUND DETECTING AND RANGING STORMS (METEOROLOGY)
TEMPERATURE
TEMPERATURE INVERSIONS
TROPICAL REGIONS
TROPICAL STORMS
TYPHOONS
WARM FRONTS
WEATHER
WIND (METEOROLOGY)
WIND MEASUREMENT
WORLD METEOROLOGICAL ORGANIZATION

METEORS

USE METEORIDS

METEOSAT SATELLITE

GS ESA SPACECRAFT
ESA SATELLITES
METEOSAT SATELLITE
SATELLITES
ARTIFICIAL SATELLITES
ESA SATELLITES
METEOSAT SATELLITE
METEOROLOGICAL SATELLITES
METEOSAT SATELLITE
EARTH SATELLITES
ESA SATELLITES
METEOSAT SATELLITE
METEOROLOGICAL SATELLITES
METEOSAT SATELLITE
RT CLOUD COVER
CLOUD PHOTOGRAPHY
EUROPEAN SPACE AGENCY
EUROPEAN SPACE PROGRAMS
FRENCH SATELLITES
FRENCH SPACE PROGRAMS
INFRARED PHOTOGRAPHY
METEOROLOGY
SATELLITE OBSERVATION
WEATHER

METERS

USE MEASURING INSTRUMENTS

METHACRYLATE RESINS

USE ACRYLIC RESINS

METHAMPHETAMINE

GS AMINES
AMPHETAMINES
METHAMPHETAMINE
DRUGS
METHAMPHETAMINE

METHANATION

GS CHEMICAL REACTIONS
METHANATION
RT BIOMASS ENERGY PRODUCTION
COAL GASIFICATION
HYDROCARBON FUELS
HYDROLYSIS

METHANE

GS ALIPHATIC COMPOUNDS
ALKANES
METHANE
HYDROCARBONS
ALKANES
METHANE
RT BIOCONVERSION

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METHANE-(CONT.)

COAL DERIVED GASES
HYDROCARBON FUELS
HYDROLYSIS
LANDFILLS
LIQUEFIED NATURAL GAS
NATURAL GAS
NATURAL GAS EXPLORATION
NEPTUNE ATMOSPHERE
OIL FIELDS
PETROLEUM PRODUCTS
SYNTHANE
URANUS ATMOSPHERE

METHAPYRILENE

GS AMINES
METHAPYRILENE
DRUGS
ANTIHISTAMINICS
METHAPYRILENE
HETEROCYCLIC COMPOUNDS
METHAPYRILENE
PYRIDINES
METHAPYRILENE

METHIONINE

GS ACIDS
AMINO ACIDS
METHIONINE
ORGANIC COMPOUNDS
AMINO ACIDS
METHIONINE

METHOD OF CHARACTERISTICS

UF CHARACTERISTIC METHOD
RT COMPRESSIBLE FLUIDS
FLOW DISTRIBUTION
HYPERBOLIC FUNCTIONS
METEOROLOGY
PARTIAL DIFFERENTIAL EQUATIONS
PLASTIC PROPERTIES
PRANDTL-MEYER EXPANSION
STEADY FLOW
UNSTEADY FLOW

METHOD OF MOMENTS

RT DISTRIBUTION MOMENTS
INTEGRAL EQUATIONS
MATHEMATICAL MODELS
MATRICES (MATHEMATICS)
MOMENT DISTRIBUTION
MOMENTS
NUMERICAL ANALYSIS

METHODOLOGY

SN (USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)
UF METHODS
TECHNIQUES
RT APPROXIMATION
BIOT METHOD
BOUNDARY INTEGRAL METHOD
BRIDGMAN METHOD
CRITICAL PATH METHOD
CROCCO METHOD
CZOCZRALSKI METHOD
DELPHI METHOD (FORECASTING)
DIGITAL TECHNIQUES
EMERGENCY BREATHING TECHNIQUES
ENCKE METHOD
ENERGY METHODS
ETHICS
FINITE VOLUME METHOD
FUJITA METHOD
GALERKIN METHOD
GERT
GLIMM METHOD
HALPHEN METHOD
HARTREE-FOCK-SLATER METHOD
HILL METHOD
IMAGING TECHNIQUES
JACOBI MATRIX METHOD
LATIN SQUARE METHOD
LAUE METHOD
LEAST SQUARES METHOD
LENARD WIRE METHOD
LIGHTHILL METHOD
MANAGEMENT METHODS
MATRIX MANAGEMENT
MATRIX METHODS
MAXWELL-MOHR METHOD
MECHANISM
MILNE-THOMSON METHOD
MINIMUM ENTROPY METHOD

METHODOLOGY-(CONT.)

MOIRE EFFECTS
 MONTE CARLO METHOD
 NEWTON-RAPHSON METHOD
 PARTICLE IN CELL TECHNIQUE
 PATTERN METHOD (FORECASTING)
 PERCUS METHOD
 PROBE METHOD (FORECASTING)
 PROBLEM SOLVING
 PROFILE METHOD (FORECASTING)
 RAYLEIGH-RITZ METHOD
 RELAXATION METHOD (MATHEMATICS)
 RITZ AVERAGING METHOD
 RULER METHOD
 SCHMIDT METHOD
 SCHWARTZ METHOD
 STEEPEST DESCENT METHOD
 TRAVELING SOLVENT METHOD
 VON ZEIPPEL METHOD
 WING FLOW METHOD TESTS

METHODS

USE METHODOLOGY
 PROCEDURES

METHOXY SYSTEMS

RT ALCOHOLS
 ∞ CHEMICAL COMPOUNDS
 INDOLES
 ORGANIC CHEMISTRY
 ORGANIC COMPOUNDS
 PYRROLES
 ∞ SYSTEMS

METHYL ALCOHOLS

GS ALIPHATIC COMPOUNDS
 . METHYL ALCOHOLS
 HYDROXYL COMPOUNDS
 . ALCOHOLS
 . . METHYL ALCOHOLS
 RT KARL FISCHER REAGENT

METHYL CHLORIDE

GS DRUGS
 . ANESTHETICS
 . . METHYL CHLORIDE
 RT CHLORIDES

METHYL CHLOROSILANES

GS ALIPHATIC COMPOUNDS
 . METHYL COMPOUNDS
 . . METHYL CHLOROSILANES
 HYDROGEN COMPOUNDS
 . HYDRIDES
 . . SILANES
 . . . METHYL CHLOROSILANES
 SILICON COMPOUNDS
 . SILANES
 . . METHYL CHLOROSILANES

METHYL COMPOUNDS

GS ALIPHATIC COMPOUNDS
 . METHYL COMPOUNDS
 . . METHYL CHLOROSILANES
 . . METHYL NITRATE
 . . METHYLSOCYANATOSILANE
 RT TRIMETHYL COMPOUNDS

METHYL NITRATE

GS ALIPHATIC COMPOUNDS
 . ALKYL COMPOUNDS
 . . METHYL NITRATE
 . . METHYL COMPOUNDS
 . . . METHYL NITRATE
 NITROGEN COMPOUNDS
 . NITRATES
 . . METHYL NITRATE

METHYL POLYSILOXANE

GS SILICON POLYMERS
 . METHYL POLYSILOXANE
 RT ∞ POLYMERS
 SILICON COMPOUNDS

METHYLATION

GS CHEMICAL REACTIONS
 . METHYLATION
 RT ALKYLATION

METHYLENE

GS HYDROCARBONS
 . METHYLENE
 RT DYES
 STAINING

METHYLENE BLUE

GS DYES
 . METHYLENE BLUE
 HETEROCYCLIC COMPOUNDS
 . AZINES
 . . METHYLENE BLUE
 PYRAZINES
 . AZINES
 . . METHYLENE BLUE
 RT CHEMICAL ANALYSIS
 CHEMICAL INDICATORS
 ∞ INDICATORS
 STAINING

METHYLENE DIAMINE

GS ALIPHATIC COMPOUNDS
 . METHYLENE DIAMINE
 AMINES
 . METHYLENE DIAMINE

METHYLHYDRAZINE

GS ALIPHATIC COMPOUNDS
 . HYDRAZINES
 . . METHYLHYDRAZINE
 RT DIMETHYLHYDRAZINES

METHYLSOCYANATOSILANE

GS ALIPHATIC COMPOUNDS
 . ALKYL COMPOUNDS
 . . METHYLSOCYANATOSILANE
 . . METHYL COMPOUNDS
 . . . METHYLSOCYANATOSILANE
 HYDROGEN COMPOUNDS
 . HYDRIDES
 . . SILANES
 . . . METHYLSOCYANATOSILANE
 SILICON COMPOUNDS
 . SILANES
 . . METHYLSOCYANATOSILANE

METRAZOL

GS DRUGS
 . METRAZOL

METRIC CONVERSION

USE METRICATION

METRIC PHOTOGRAPHY

GS PHOTOGRAPHY
 . METRIC PHOTOGRAPHY

METRIC SPACE

GS GEOMETRY
 . TOPOLOGY
 . . METRIC SPACE
 RT BANACH SPACE
 BIMETRIC THEORIES

METRIC SYSTEM

USE INTERNATIONAL SYSTEM OF UNITS

METRICATION

UF METRIC CONVERSION
 RT INTERNATIONAL SYSTEM OF UNITS
 METROLOGY
 STANDARDIZATION
 UNITS OF MEASUREMENT

METROLOGY

RT INTERNATIONAL SYSTEM OF UNITS
 ∞ MEASUREMENT
 MEASURING INSTRUMENTS
 METRICATION
 STANDARDS
 UNITS OF MEASUREMENT

METROPOLITAN AIRCRAFT

USE CV-440 AIRCRAFT

METROPOLITAN AREAS

USE CITIES

MEXICO

RT CHIAPAS (MEXICO)
 COLORADO RIVER (NORTH AMERICA)
 GULF OF CALIFORNIA (MEXICO)
 GULF OF MEXICO
 IMPERIAL VALLEY (CA)
 LEON-QUERETARO AREA (MEXICO)
 LOWER CALIFORNIA (MEXICO)
 NATIONS
 NORTH AMERICA
 RIO GRANDE (NORTH AMERICA)
 SAN ANDREAS FAULT

MEXICO-(CONT.)

SOUTHERN CALIFORNIA

MG-18 ENGINE

GS ENGINES
 . ROCKET ENGINES
 . . SOLID PROPELLANT ROCKET
 ENGINES
 . . . MG-18 ENGINE
 . . . SUSTAINER ROCKET ENGINES
 . . . MG-18 ENGINE

MH-200 AIRCRAFT

GS NORD AIRCRAFT
 . MH-200 AIRCRAFT

MH-260 AIRCRAFT

UF MAX HOLSTE MH-260 AIRCRAFT
 GS JET AIRCRAFT
 . TURBOPROP AIRCRAFT
 . . MH-260 AIRCRAFT
 MONOPLANES
 . MH-260 AIRCRAFT
 NORD AIRCRAFT
 . MH-260 AIRCRAFT
 TRANSPORT AIRCRAFT
 . MH-260 AIRCRAFT
 RT PASSENGER AIRCRAFT

MH-262 AIRCRAFT

UF MAX HOLSTE MH-262 AIRCRAFT
 GS NORD 262 AIRCRAFT
 JET AIRCRAFT
 . TURBOPROP AIRCRAFT
 . . MH-262 AIRCRAFT
 LIGHT AIRCRAFT
 . MH-262 AIRCRAFT
 MONOPLANES
 . MH-262 AIRCRAFT
 NORD AIRCRAFT
 . MH-262 AIRCRAFT
 TRANSPORT AIRCRAFT
 . MH-262 AIRCRAFT
 RT CARGO AIRCRAFT
 PASSENGER AIRCRAFT

MICA

UF FLUOROMICA
 GS MINERALS
 . MICA
 . . BIOTITE
 . . FLUOROPHLOGOPITE
 . . MUSCOVITE
 RT IGNEOUS ROCKS
 VERMICULITE

MICARTA

GS COMPOSITE MATERIALS
 . REINFORCED PLASTICS
 . . MICARTA
 PLASTICS
 . REINFORCED PLASTICS
 . . MICARTA
 . . SYNTHETIC RESINS
 . . THERMOSETTING RESINS
 . . . PHENOLIC RESINS
 . . . MICARTA
 RESINS
 . SYNTHETIC RESINS
 . . THERMOSETTING RESINS
 . . . PHENOLIC RESINS
 . . . MICARTA
 RT FABRICS
 FIBER COMPOSITES
 INSULATION
 ∞ POLYMERS

MICE

GS ANIMALS
 . VERTEBRATES
 . . MAMMALS
 . . . RODENTS
 . . . MICE
 JERBOAS
 POCKET MICE
 RT RATS

MICHAEL REACTION

GS CHEMICAL REACTIONS
 . MICHAEL REACTION

MICHAELIS THEORY

RT ∞ THEORIES

MICHELL THEOREM

MICHELL THEOREM
GS THEOREMS
RT **MICHELL THEOREM**
STRESS ANALYSIS
STRUCTURAL ANALYSIS

MICHELSON INTERFEROMETERS
GS MEASURING INSTRUMENTS
INTERFEROMETERS
RT **MICHELSON INTERFEROMETERS**
ASTROPHYSICS
RADIO ASTRONOMY
SPECTROMETERS

MICHIGAN
GS UNITED STATES OF AMERICA
MICHIGAN
RT PONTIAC (MI)
SAGINAW BAY (MI)

MICROANALYSIS
GS CHEMICAL TESTS
CHEMICAL ANALYSIS
RT **MICROANALYSIS**
ELECTRON MICROSCOPES
ELECTRON MICROSCOPY
ELECTROPHOTOMETRY
MASS SPECTROMETERS
MATERIALS TESTS
NEUTRON ACTIVATION ANALYSIS
QUALITATIVE ANALYSIS
QUANTITATIVE ANALYSIS
SPECTROSCOPIC ANALYSIS
X RAY ANALYSIS

MICROBALANCES
UF MICROSCALES
GS MEASURING INSTRUMENTS
INDICATING INSTRUMENTS
WEIGHT INDICATORS
MICROBALANCES

MICROBALLOONS
GS EXPANDABLE STRUCTURES
INFLATABLE STRUCTURES
BALLOONS
MICROBALLOONS
RT GLOBULES
LASERS
SPHERES
TARGETS

MICROBE
USE MICROORGANISMS

MICROBEAMS
GS BEAMS (RADIATION)
MICROBEAMS
RT COLLIMATION
CRYSTALLOGRAPHY
X RAY ANALYSIS

MICROBIOLOGY
GS MICROBIOLOGY
BACTERIOLOGY
RT BIOLOGY
CULTURE TECHNIQUES
GNOTOBIOTICS

MICROCALORIMETERS
USE CALORIMETERS

MICROCHANNEL PLATES
UF MULTICHANNEL PLATES
RT CHANNEL MULTIPLIERS
INTEGRATED CIRCUITS
MICROCHANNELS
MICROWAVE EQUIPMENT
PHOTOMULTIPLIER TUBES
PLATES
THIN FILMS

MICROCHANNELS
RT FREQUENCIES
IMAGE CONVERTERS
LIGHT AMPLIFIERS
MICROCHANNEL PLATES
NIGHT VISION
OPTICAL EQUIPMENT
PHOTOCATHODES
ULTRAVIOLET RADIATION

MICROCIRCUITS
USE MICROELECTRONICS

MICROCLIMATOLOGY
GS CLIMATOLOGY
MICROCLIMATOLOGY
RT AGROCLIMATOLOGY
BIOLIMATOLOGY
MICROMETEOROLOGY

MICROCOMPUTERS
GS DATA PROCESSING EQUIPMENT
COMPUTERS
DIGITAL COMPUTERS
MICROCOMPUTERS
RT MICROPROCESSORS
MINICOMPUTERS

MICROCRACKS
GS CRACKS
MICROCRACKS
RT CRACK CLOSURE
CRACK GEOMETRY
CRACK INITIATION
ELBER EQUATION
SURFACE CRACKS

MICROCRYSTALS
GS CRYSTALS
MICROCRYSTALS
RT CRYSTALLITES
SPHERULITES

MICROCYSTIS
GS ALGAE
MICROCYSTIS
MICROORGANISMS
MICROCYSTIS
RT POLLUTION

MICRODENSITOMETERS
GS MEASURING INSTRUMENTS
DENSITOMETERS
MICRODENSITOMETERS
OPTICAL MEASURING INSTRUMENTS
MICRODENSITOMETERS
OPTICAL EQUIPMENT
OPTICAL MEASURING INSTRUMENTS
MICRODENSITOMETERS
RT GRAVIMETERS
OPTICAL DENSITY
OPTICAL MEASUREMENT
PHOTOMETERS

MICROELECTRONICS
UF MICROCIRCUITS
GS MICROELECTRONICS
LARGE SCALE INTEGRATION
MEDIUM SCALE INTEGRATION
RT BEAM LEADS
CIRCUITS
ELECTRONICS
ENCAPSULATED MICROCIRCUITS
ION IMPLANTATION
LASER MICROSCOPY
MICROINSTRUMENTATION
MICROMINIATURIZATION
MICROMINIATURIZED ELECTRONIC
DEVICES
MICROMODULES
MOLECULAR ELECTRONICS
PHOTOLITHOGRAPHY
PHOTOMASKS
TRANSISTOR CIRCUITS
WAFERS

MICROFIBERS
GS FIBERS
MICROFIBERS

MICROFILMS
GS PHOTOGRAPHIC FILM
MICROFILMS
RT DATA RETRIEVAL
DATA STORAGE
MICROPHOTOGRAPHS
READERS
REPRODUCTION (COPYING)

MICROGRAPHY
USE PHOTOMICROGRAPHY

MICROHARDNESS
UF MICROINDENTATION
GS MECHANICAL PROPERTIES
HARDNESS
MICROHARDNESS

NASA THESAURUS (VOLUME 1)

MICROHARDNESS-(CONT.)
RT KNOOP HARDNESS
ROCKWELL HARDNESS

MICROINDENTATION
USE MICROHARDNESS

MICROINSTRUMENTATION
RT MEASURING INSTRUMENTS
MICROELECTRONICS
MICROMINIATURIZATION

MICROMANOMETERS
USE MANOMETERS

MICROMETEORITES
GS CELESTIAL BODIES
METEORITES
MICROMETEORITES
RT COSMIC DUST
HYPERVELOCITY PROJECTILES
METEOROIDS
MICROMETEOROIDS
TEKTITES
ZODIACAL DUST

MICROMETEOROID EXPLORER SATELLITES
GS SATELLITES
ARTIFICIAL SATELLITES
EXPLORER SATELLITES
MICROMETEOROID EXPLORER
SATELLITES
EARTH SATELLITES
EXPLORER SATELLITES
MICROMETEOROID EXPLORER
SATELLITES

MICROMETEOROIDS
UF METEORITIC DUST
MICROMETEORS
GS CELESTIAL BODIES
METEOROIDS
MICROMETEOROIDS
METEOROID DUST CLOUDS
ZODIACAL DUST
RT COSMIC DUST
EXPLORER SATELLITES
INTERPLANETARY DUST
METEOR TRAILS
METEORITES
MICROMETEORITES
POYNTING-ROBERTSON EFFECT
SPACE DEBRIS
TERRESTRIAL DUST BELT
ZODIACAL LIGHT

MICROMETEOROLOGY
GS METEOROLOGY
MICROMETEOROLOGY
RT AGROMETEOROLOGY
MESOMETEOROLOGY
MICROCLIMATOLOGY
TURBULENCE

MICROMETEORS
USE MICROMETEOROIDS

MICROMETERS
GS MEASURING INSTRUMENTS
MICROMETERS
RT DIMENSIONAL MEASUREMENT
DISTANCE MEASURING EQUIPMENT

MICROMILLIAMMETERS
GS MEASURING INSTRUMENTS
AMMETERS
MILLIAMMETERS
MICROMILLIAMMETERS
RT ELECTRIC CURRENT
ELECTRICAL MEASUREMENT
GALVANOMETERS

MICROMINIATURIZATION
GS MINIATURIZATION
MICROMINIATURIZATION
RT BILITHIC CIRCUITS
CIRCUITS
DTL INTEGRATED CIRCUITS
INTEGRATED CIRCUITS
LINEAR INTEGRATED CIRCUITS
MICROELECTRONICS
MICROINSTRUMENTATION
MICROMINIATURIZED ELECTRONIC
DEVICES

MICROMINIATURIZATION-(CONT.)

MINIATURE ELECTRONIC EQUIPMENT
MOLECULAR ELECTRONICS
SEMICONDUCTOR DEVICES
SUBMINIATURIZATION
THICK FILMS
THIN FILMS
TTL INTEGRATED CIRCUITS
WAFERS

MICROMINIATURIZED ELECTRONIC DEVICES

GS **MICROMINIATURIZED ELECTRONIC DEVICES**
RT . MICROMODULES
MICROELECTRONICS
MICROMINIATURIZATION
MINIATURE ELECTRONIC EQUIPMENT

MICROMODULES

GS ELECTRONIC EQUIPMENT
ELECTRONIC MODULES
MICROMODULES
MICROMINIATURIZED ELECTRONIC DEVICES
MICROMODULES
MODULES
ELECTRONIC MODULES
MICROMODULES
RT BEAM LEADS
CONTAINERS
ELECTRONIC PACKAGING
MICROELECTRONICS
MICROPROCESSORS
MINIATURE ELECTRONIC EQUIPMENT
PHOTOLITHOGRAPHY

MICROMOTORS

SN (EXCLUDES ROCKET ENGINES)
GS MOTORS
ELECTRIC MOTORS
MICROMOTORS

MICROORGANISMS

UF MICROBE
GS **MICROORGANISMS**
AEROBES
ANAEROBES
BACTERIA
ACTINOMYCETES
AZOTOBACTER
BACILLUS
CLOSTRIDIUM BOTULINUM
ESCHERICHIA
HYDROGENOMONAS
KLEBSIELLA
NITROBACTER
PSEUDOMONAS
SALMONELLA
SARCINA
SERRATIA
STAPHYLOCOCCUS
STEAROTHERMOPHILUS
STREPTOCOCCUS
STREPTOMYCETES
MESOPHILES
MICROCYSTIS
PROTOZOA
AMOEBAS
PELOMYXA
FLAGELLATA
COLPIDIA
TRYPANOSOME
PARAMECIA
ROTIFERA
PSYCHROPHILES
SAPROPHYTES
SPORES
MICROSPORES
VIRUSES
ADENOVIRUSES
BACTERIOPHAGES
RT ANIMALS
ANTIBIOTICS
GNOTOBIOTICS
INVERTEBRATES
MICROPARTICLES
PLANTS (BOTANY)
POLLUTION
RED TIDE
VIRULENCE

MICROPARTICLES

GS PARTICLES
MICROPARTICLES
RT FERROFLUIDS

MICROPARTICLES-(CONT.)**MICROORGANISMS****MICROPHONES**

GS AUDIO EQUIPMENT
MICROPHONES
TRANSDUCERS
SOUND TRANSDUCERS
ELECTROACOUSTIC TRANSDUCERS
MICROPHONES
RT HYDROPHONES
INTERPHONES
MAGNETIC TRANSDUCERS
MONAURAL SIGNALS
TRANSMITTERS
ULTRASONIC WAVE TRANSDUCERS

MICROPHOTOGRAPHS

GS PHOTOGRAPHS
MICROPHOTOGRAPHS
RT DATA STORAGE
MICROFILMS
PHOTOMASKS

MICROPHOTOMETERS

USE PHOTOMETERS

MICROPLASMAS

GS GASES
IONIZED GASES
CHARGED PARTICLES
MICROPLASMAS
PARTICLES
CHARGED PARTICLES
ENERGETIC PARTICLES
PLASMAS (PHYSICS)
MICROPLASMAS

MICROPOLAR FLUIDS

GS INCOMPRESSIBLE FLUIDS
MICROPOLAR FLUIDS
RT FLUID MECHANICS
FLUIDS
MICROSTRUCTURE

MICROPOROSITY

GS POROSITY
MICROPOROSITY
RT MECHANICAL PROPERTIES
METALLOGRAPHY
MICROSTRUCTURE

MICROPROCESSORS

GS DATA PROCESSING EQUIPMENT
MICROPROCESSORS
INTEL 8080 MICROPROCESSOR
RT COMPUTER DESIGN
COMPUTER STORAGE DEVICES
COMPUTER TECHNIQUES
DATA PROCESSING
INTEGRATED CIRCUITS
LARGE SCALE INTEGRATION
MICROCOMPUTERS
MICROMODULES
ONBOARD DATA PROCESSING

MICROPROGRAMMING

GS COMPUTER PROGRAMMING
MICROPROGRAMMING
RT PROGRAMMING

MICROPULSATIONS

GS PULSES
MICROPULSATIONS
GEOMAGNETIC MICROPULSATIONS
RT VARIATIONS

MICROROCKET ENGINES

GS ENGINES
ROCKET ENGINES
MICROROCKET ENGINES
ORBIT MANEUVERING ENGINE
(SPACE SHUTTLE)
RT ELECTRIC ROCKET ENGINES
ELECTROSTATIC ENGINES
MICROTHRUST
VERNIER ENGINES

MICROSCALES

USE MICROBALANCES

MICROSCOPES

GS MICROSCOPES
ACOUSTIC MICROSCOPES

MICROSCOPES-(CONT.)

ELECTRON MICROSCOPES
ION MICROSCOPES
OPTICAL MICROSCOPES
RT BINOCULARS
EYEPIECES
METALLOGRAPHY
MICROSCOPY
OPTICAL EQUIPMENT
OPTICAL MEASURING INSTRUMENTS
PHOTOMICROGRAPHY
ULTRAVIOLET MICROSCOPY

MICROSCOPY

GS MICROSCOPY
ELECTRON MICROSCOPY
LASER MICROSCOPY
ULTRAVIOLET MICROSCOPY
RT MICROSCOPES
MICROTOMY
PHASE CONTRAST
PHOTOMICROGRAPHY
SLIDES (MICROSCOPY)

MICROSEISMS

GS ELASTIC WAVES
SEISMIC WAVES
MICROSEISMS
RT CRUSTAL FRACTURES
EARTHQUAKE DAMAGE
EARTHQUAKES

MICROSONICS

GS ACOUSTICS
MICROSONICS
RT ELASTIC PROPERTIES
PIEZOELECTRIC CRYSTALS
SOUND FIELDS
SOUND WAVES
SURFACE WAVES

MICROSPORES

GS ANIMALS
INVERTEBRATES
SPORES
MICROSPORES
FUNGI
SPORES
MICROSPORES
MICROORGANISMS
SPORES
MICROSPORES
RT PLANTS (BOTANY)

MICROSTRIP TRANSMISSION LINES

UF FLAT COAXIAL TRANSMISSION LINES
PARALLEL STRIP LINES
GS TRANSMISSION LINES
STRIP TRANSMISSION LINES
MICROSTRIP TRANSMISSION LINES
RT MICROWAVE TRANSMISSION

MICROSTRUCTURE

GS MICROSTRUCTURE
METEORITIC MICROSTRUCTURES
WIDMANSTATTEN STRUCTURE
RT AGING (MATERIALS)
AGING (METALLURGY)
AUSTENITE
BAINITE
BAUSCHINGER EFFECT
CAST ALLOYS
CASTING
CASTINGS
CEMENTITE
CRYSTAL STRUCTURE
CRYSTALLOGRAPHY
FERRITES
HARDENING (MATERIALS)
HEAT TREATMENT
LAMELLA (METALLURGY)
MARTENSITE
METALLOGRAPHY
MICROPOLAR FLUIDS
MICROPOROSITY
ORDER-DISORDER TRANSFORMATIONS
PEARLITE
PHOTOMICROGRAPHY
QUENCHING (COOLING)
SHAPE MEMORY ALLOYS
SPHERULITES
STRUCTURES
THERMOMECHANICAL TREATMENT
WORK SOFTENING

MICROTHRUST

GS THRUST
 . . . LOW THRUST
 . . . **MICROTHRUST**
 RT JET THRUST
 LOW THRUST PROPULSION
 MICROROCKET ENGINES
 ROCKET THRUST
 VARIABLE THRUST

MICROTOMY

RT MEDICAL EQUIPMENT
 MICROSCOPY

MICROTRONS

GS PARTICLE ACCELERATORS
 . . . CYCLOTRONS
 . . . **MICROTRONS**
 RT BETATRONS
 SYNCHROTRONS

MICROVISION LANDING AID

GS DISPLAY DEVICES
 . . . **MICROVISION LANDING AID**
 LANDING AIDS
 . . . **MICROVISION LANDING AID**

MICROWAVE AMPLIFIERS

GS AMPLIFIERS
 . . . **MICROWAVE AMPLIFIERS**
 MICROWAVE EQUIPMENT
 . . . **MICROWAVE AMPLIFIERS**
 RT CROSSED FIELD AMPLIFIERS
 INTERSTELLAR MASERS
 MASERS
 PARAMETRIC AMPLIFIERS
 TRANSFERRED ELECTRON DEVICES

MICROWAVE ANTENNAS

GS ANTENNAS
 . . . RADIO ANTENNAS
 . . . **MICROWAVE ANTENNAS**
 . . . SPACETENNAS
 MICROWAVE EQUIPMENT
 . . . **MICROWAVE ANTENNAS**
 . . . HORN ANTENNAS
 . . . LENS ANTENNAS
 . . . RECTENNAS
 . . . SLOT ANTENNAS
 . . . SPACETENNAS
 RT AIRCRAFT ANTENNAS
 ANTENNA ARRAYS
 DIRECTIONAL ANTENNAS
 HELICAL ANTENNAS
 MISSILE ANTENNAS
 OMNIDIRECTIONAL ANTENNAS
 PARABOLIC ANTENNAS
 PARABOLIC REFLECTORS
 RADAR ANTENNAS
 WAVEGUIDE ANTENNAS

MICROWAVE ATTENUATION

GS ATTENUATION
 . . . **MICROWAVE ATTENUATION**
 TRANSMISSION
 . . . ELECTROMAGNETIC WAVE
 TRANSMISSION
 . . . RADIO TRANSMISSION
 . . . **MICROWAVE ATTENUATION**
 . . . SIGNAL TRANSMISSION
 . . . RADIO TRANSMISSION
 . . . **MICROWAVE ATTENUATION**
 RT WAVE PROPAGATION

MICROWAVE CIRCUITS

GS CIRCUITS
 . . . **MICROWAVE CIRCUITS**

MICROWAVE COUPLING

GS COUPLING
 . . . **MICROWAVE COUPLING**
 RT ANTENNA COUPLERS
 CROSS COUPLING
 DIRECTIONAL ANTENNAS
 OPTICAL COUPLING

MICROWAVE EMISSION

GS DECAY
 . . . EMISSION
 . . . **MICROWAVE EMISSION**
 ELECTROMAGNETIC RADIATION
 . . . RADIO WAVES
 . . . SHORT WAVE RADIATION
 . . . MICROWAVES

MICROWAVE EMISSION-(CONT.)

RT . . . **MICROWAVE EMISSION**
 COSMIC NOISE
 EXTRATERRESTRIAL RADIATION
 EXTRATERRESTRIAL RADIO WAVES
 LINEAR POLARIZATION
 STELLAR RADIATION

MICROWAVE EQUIPMENT

GS **MICROWAVE EQUIPMENT**
 . . . GYRATORS
 . . . MICROWAVE FILTERS
 . . . MICROWAVE AMPLIFIERS
 . . . MICROWAVE ANTENNAS
 . . . HORN ANTENNAS
 . . . LENS ANTENNAS
 . . . RECTENNAS
 . . . SLOT ANTENNAS
 . . . SPACETENNAS
 . . . MICROWAVE INTERFEROMETERS
 . . . MICROWAVE PROBES
 . . . MICROWAVE PLASMA PROBES
 . . . MICROWAVE RADIOMETERS
 . . . MICROWAVE SCANNING BEAM
 LANDING SYSTEM
 . . . MICROWAVE TUBES
 . . . COLD CATHODE TUBES
 . . . PHOTOTUBES
 . . . PHOTOMULTIPLIER TUBES
 . . . IMAGE TUBES
 . . . THERMIONS
 . . . KLYSTRONS
 . . . MAGNETRONS
 . . . NIGOTRONS
 . . . MICROWAVE OSCILLATORS
 . . . BACKWARD WAVE TUBES
 . . . MONOSCOPIES
 . . . ORTHICONS
 . . . IMAGE ORTHICONS
 . . . PLANOTRONS
 . . . CARCINOTRONS
 . . . CELESCOPES
 . . . HELITRONS
 . . . IGNITRONS
 . . . THERMIONS
 . . . THERMIONIC DIODES
 . . . THYRATRONS
 . . . TRAVELING WAVE TUBES
 . . . CARCINOTRONS
 . . . HELITRONS
 . . . VIDICONS
 . . . THERMIONS
 RT GAS DISCHARGE TUBES
 MICROCHANNEL PLATES

MICROWAVE FILTERS

GS ELECTROMAGNETIC WAVE FILTERS
 . . . ELECTRIC FILTERS
 . . . **MICROWAVE FILTERS**
 MICROWAVE EQUIPMENT
 . . . GYRATORS
 . . . **MICROWAVE FILTERS**
 RT BANDPASS FILTERS
 DIGITAL FILTERS
 FIR FILTERS
 HIGH PASS FILTERS
 LOW PASS FILTERS
 RADAR FILTERS
 RADIO FILTERS
 RECTANGULAR GUIDES
 WAVEGUIDE FILTERS

MICROWAVE FREQUENCIES

GS FREQUENCIES
 . . . RADIO FREQUENCIES
 . . . **MICROWAVE FREQUENCIES**
 . . . C BAND
 . . . EXTREMELY HIGH FREQUENCIES
 . . . P BAND
 . . . SUPERHIGH FREQUENCIES
 RT ACOUSTIC MICROSCOPES
 CENTIMETER WAVES
 MICROWAVES
 PASSIVE L-BAND RADIOMETERS
 PRAETERSONIC DEVICES

MICROWAVE HOLOGRAPHY

GS IMAGERY
 . . . HOLOGRAPHY
 . . . **MICROWAVE HOLOGRAPHY**
 PHOTOGRAPHY
 . . . HOLOGRAPHY
 . . . **MICROWAVE HOLOGRAPHY**
 RT IMAGING TECHNIQUES
 MICROWAVES

MICROWAVE HOLOGRAPHY-(CONT.)

WAVE FRONT RECONSTRUCTION

MICROWAVE IMAGERY

GS IMAGERY
 . . . **MICROWAVE IMAGERY**
 RT RADARSCOPES
 SYNTHETIC APERTURE RADAR
 X RAY IMAGERY

MICROWAVE INTERFEROMETERS

GS MEASURING INSTRUMENTS
 . . . INTERFEROMETERS
 . . . **MICROWAVE INTERFEROMETERS**
 MICROWAVE EQUIPMENT
 . . . **MICROWAVE INTERFEROMETERS**
 RT FABRY-PEROT INTERFEROMETERS
 PLASMA DIAGNOSTICS

MICROWAVE LANDING SYSTEMS

GS LANDING AIDS
 . . . **MICROWAVE LANDING SYSTEMS**
 . . . MICROWAVE SCANNING BEAM
 LANDING SYSTEM
 RT AIR TRAFFIC CONTROL
 AIRCRAFT LANDING
 AIRCRAFT SAFETY
 APPROACH CONTROL
 AUTOMATED EN ROUTE ATC
 AUTOMATIC LANDING CONTROL

MICROWAVE OSCILLATORS

GS ELECTRON TUBES
 . . . VACUUM TUBES
 . . . VACUUM TUBE OSCILLATORS
 . . . MICROWAVE TUBES
 . . . **MICROWAVE OSCILLATORS**
 MICROWAVE EQUIPMENT
 . . . MICROWAVE TUBES
 . . . **MICROWAVE OSCILLATORS**
 . . . BACKWARD WAVE TUBES
 OSCILLATORS
 . . . VACUUM TUBE OSCILLATORS
 . . . MICROWAVE TUBES
 . . . **MICROWAVE OSCILLATORS**
 RT BARRITT DIODES
 GAS DISCHARGE TUBES
 TRANSFERRED ELECTRON DEVICES

MICROWAVE PHOTOGRAPHY

GS IMAGERY
 . . . **MICROWAVE PHOTOGRAPHY**
 PHOTOGRAPHY
 . . . **MICROWAVE PHOTOGRAPHY**
 RT RADAR DATA
 RADAR PHOTOGRAPHY
 RADARSCOPES

MICROWAVE PLASMA PROBES

GS MEASURING INSTRUMENTS
 . . . MICROWAVE PROBES
 . . . **MICROWAVE PLASMA PROBES**
 MICROWAVE EQUIPMENT
 . . . MICROWAVE PROBES
 . . . **MICROWAVE PLASMA PROBES**
 RT ELECTRON PROBES
 PLASMA FLUX MEASUREMENT
 PLASMAGUIDES
 RESONANCE PROBES

MICROWAVE PROBES

GS MEASURING INSTRUMENTS
 . . . **MICROWAVE PROBES**
 . . . MICROWAVE PLASMA PROBES
 MICROWAVE EQUIPMENT
 . . . **MICROWAVE PROBES**
 . . . MICROWAVE PLASMA PROBES
 RT RADIO FREQUENCY IMPEDANCE
 PROBES

MICROWAVE RADIATION

USE MICROWAVES

MICROWAVE RADIOMETERS

GS MEASURING INSTRUMENTS
 . . . RADIATION MEASURING INSTRUMENTS
 . . . ACTINOMETERS
 . . . RADIOMETERS
 . . . **MICROWAVE RADIOMETERS**
 MICROWAVE EQUIPMENT
 . . . **MICROWAVE RADIOMETERS**

MICROWAVE REFLECTOMETERS

GS MEASURING INSTRUMENTS

MICROWAVE REFLECTOMETERS-(CONT.)

. OPTICAL MEASURING INSTRUMENTS
 . REFLECTOMETERS
 . . . **MICROWAVE REFLECTOMETERS**
 OPTICAL EQUIPMENT
 . OPTICAL MEASURING INSTRUMENTS
 . REFLECTOMETERS
 . . . **MICROWAVE REFLECTOMETERS**
 RT KINEMATICS

MICROWAVE RESONANCE

GS RESONANCE
 . **MICROWAVE RESONANCE**
 RT CAVITY RESONATORS
 HARMONIC ANALYSIS
 NONRESONANCE

MICROWAVE SCANNING BEAM LANDING SYSTEM

UF MSBLS
 GS LANDING AIDS
 . MICROWAVE LANDING SYSTEMS
 . . **MICROWAVE SCANNING BEAM LANDING SYSTEM**
 MICROWAVE EQUIPMENT
 . **MICROWAVE SCANNING BEAM LANDING SYSTEM**
 NAVIGATION AIDS
 . **MICROWAVE SCANNING BEAM LANDING SYSTEM**
 RT APPROACH INDICATORS
 SPACE SHUTTLE ORBITERS

MICROWAVE SCATTERING

GS SCATTERING
 . WAVE SCATTERING
 . . ELECTROMAGNETIC SCATTERING
 . . . **MICROWAVE SCATTERING**
 RT ATMOSPHERIC SCATTERING
 MANDELSTAM REPRESENTATION
 SCATTEROMETERS

MICROWAVE SENSORS

GS MEASURING INSTRUMENTS
 . INDICATING INSTRUMENTS
 . . **MICROWAVE SENSORS**
 RT . INSTRUMENTS
 RADAR RECEIVERS
 . SENSORS
 . . SIGNAL DETECTORS
 SYNTHETIC APERTURE RADAR

MICROWAVE SOUNDING

GS SOUNDING
 . **MICROWAVE SOUNDING**
 RT IMAGERY
 MICROWAVES
 ROCKET SOUNDING

MICROWAVE SPECTRA

UF INTERSTELLAR MICROWAVE SPECTRA
 GS SPECTRA
 . RADIATION SPECTRA
 . . ELECTROMAGNETIC SPECTRA
 . . . RADIO SPECTRA
 **MICROWAVE SPECTRA**
 RT ABSORPTION SPECTRA
 INFRARED SPECTRA
 MOLECULAR ROTATION
 MOLECULAR SPECTRA
 MOLECULAR SPECTROSCOPY

MICROWAVE SPECTROMETERS

GS MEASURING INSTRUMENTS
 . SPECTROMETERS
 . . **MICROWAVE SPECTROMETERS**

MICROWAVE SWITCHING

GS SWITCHING
 . **MICROWAVE SWITCHING**
 RT FERROELECTRICITY
 GYRATORS
 PACKET SWITCHING
 PHASE SHIFT
 SWITCHING CIRCUITS
 WAVEGUIDES

MICROWAVE TRANSMISSION

GS TRANSMISSION
 . ELECTROMAGNETIC WAVE TRANSMISSION
 . . RADIO TRANSMISSION
 . . . **MICROWAVE TRANSMISSION**
 SIGNAL TRANSMISSION
 RADIO TRANSMISSION

MICROWAVE TRANSMISSION-(CONT.)

RT . . . **MICROWAVE TRANSMISSION**
 DOMESTIC SATELLITE COMMUNICATIONS
 SYSTEMS
 DOWNLINKING
 FLEET SATELLITE COMMUNICATION
 SYSTEM
 FREQUENCY REUSE
 MICROSTRIP TRANSMISSION LINES
 SATELLITE SOLAR ENERGY
 CONVERSION
 SATELLITE SOLAR POWER STATIONS
 SPACETENNAS
 TELETYPEWRITER SYSTEMS
 UPLINKING
 WAVE PROPAGATION

MICROWAVE TUBES

GS ELECTRON TUBES
 . VACUUM TUBES
 . . VACUUM TUBE OSCILLATORS
 . . . **MICROWAVE TUBES**
 KLYSTRONS
 MAGNETRONS
 NIGOTRONS
 MICROWAVE OSCILLATORS
 PLANOTRONS
 CARCINOTRONS
 CELESTROPS
 HELITRONS
 IGNITRONS
 THERMIONS
 THERMIONIC DIODES
 THYRATRONS
 TRAVELING WAVE TUBES
 CARCINOTRONS
 HELITRONS
 MICROWAVE EQUIPMENT
 . **MICROWAVE TUBES**
 . . COLD CATHODE TUBES
 . . . PHOTOTUBES
 PHOTOMULTIPLIER TUBES
 . . . IMAGE TUBES
 . . . THERMIONS
 . . . KLYSTRONS
 . . . MAGNETRONS
 . . . NIGOTRONS
 . . . MICROWAVE OSCILLATORS
 . . . BACKWARD WAVE TUBES
 . . . MONOSCOPIES
 . . . ORTHICONS
 . . . IMAGE ORTHICONS
 . . . PLANOTRONS
 . . . CARCINOTRONS
 . . . CELESTROPS
 . . . HELITRONS
 . . . IGNITRONS
 . . . THERMIONS
 . . . THERMIONIC DIODES
 . . . THYRATRONS
 . . . TRAVELING WAVE TUBES
 . . . CARCINOTRONS
 . . . HELITRONS
 OSCILLATORS
 . VACUUM TUBE OSCILLATORS
 . . **MICROWAVE TUBES**
 . . . MAGNETRONS
 . . . NIGOTRONS
 . . . MICROWAVE OSCILLATORS
 . . . PLANOTRONS
 . . . CARCINOTRONS
 . . . HELITRONS
 RT GAS DISCHARGE TUBES
 TRIODES
 . TUBES

MICROWAVES

UF MICROWAVE RADIATION
 GS ELECTROMAGNETIC RADIATION
 . RADIO WAVES
 . . SHORT WAVE RADIATION
 . . . **MICROWAVES**
 CENTIMETER WAVES
 DECIMETER WAVES
 MICROWAVE EMISSION
 MILLIMETER WAVES
 RT COSMIC NOISE
 ELECTROMAGNETIC NOISE
 EXTRATERRESTRIAL RADIO WAVES
 INFRARED RADIATION
 MICROWAVE FREQUENCIES
 MICROWAVE HOLOGRAPHY
 MICROWAVE SOUNDING
 SATELLITE SOLAR ENERGY
 CONVERSION

MICROWAVES-(CONT.)

SATELLITE SOLAR POWER STATIONS
 SCATTEROMETERS
 SUBMILLIMETER WAVES
 WHISTLERS

MICROWEIGHING

USE WEIGHT MEASUREMENT

MICROYIELD STRENGTH

GS MECHANICAL PROPERTIES
 . YIELD STRENGTH
 . . **MICROYIELD STRENGTH**
 RT ELASTIC PROPERTIES
 . STRENGTH
 . . STRESSES
 . . . YIELD POINT

MICTURITION

USE URINATION

MIDAIR COLLISIONS

GS COLLISIONS
 . **MIDAIR COLLISIONS**
 . . BIRD-AIRCRAFT COLLISIONS
 RT AIR TRAFFIC CONTROL
 AIRCRAFT ACCIDENTS
 AIRCRAFT HAZARDS
 AIRCRAFT SAFETY
 BEACON COLLISION AVOIDANCE
 SYSTEM
 COLLISION AVOIDANCE
 CRASHES
 FLIGHT HAZARDS
 FLIGHT SAFETY
 PILOT ERROR
 THREAT EVALUATION

MIDALTITUDE

GS ALTITUDE
 . **MIDALTITUDE**
 RT FLIGHT ALTITUDE
 HIGH ALTITUDE
 LOW ALTITUDE

MIDAS SATELLITES

GS MILITARY SPACECRAFT
 . RECONNAISSANCE SPACECRAFT
 . . **MIDAS SATELLITES**
 . . . MIDAS 2 SATELLITE
 . . . MIDAS 3 SATELLITE
 . . . MIDAS 4 SATELLITE
 . . . MIDAS 5 SATELLITE
 . . . MIDAS 6 SATELLITE
 . . . MIDAS 7 SATELLITE
 SATELLITES
 . ARTIFICIAL SATELLITES
 . . **MIDAS SATELLITES**
 . . . MIDAS 2 SATELLITE
 . . . MIDAS 3 SATELLITE
 . . . MIDAS 4 SATELLITE
 . . . MIDAS 5 SATELLITE
 . . . MIDAS 6 SATELLITE
 . . . MIDAS 7 SATELLITE
 . . . MIDAS 7 SATELLITE
 . . . EARTH SATELLITES
 . . . **MIDAS SATELLITES**
 . . . MIDAS 2 SATELLITE
 . . . MIDAS 3 SATELLITE
 . . . MIDAS 4 SATELLITE
 . . . MIDAS 5 SATELLITE
 . . . MIDAS 6 SATELLITE
 . . . MIDAS 7 SATELLITE
 RT ATLAS AGENA B LAUNCH VEHICLE

MIDAS 2 SATELLITE

GS MILITARY SPACECRAFT
 . RECONNAISSANCE SPACECRAFT
 . . **MIDAS SATELLITES**
 . . . **MIDAS 2 SATELLITE**
 SATELLITES
 . ARTIFICIAL SATELLITES
 . . MIDAS SATELLITES
 . . . **MIDAS 2 SATELLITE**
 . . . EARTH SATELLITES
 . . . MIDAS SATELLITES
 . . . **MIDAS 2 SATELLITE**

MIDAS 3 SATELLITE

GS MILITARY SPACECRAFT
 . RECONNAISSANCE SPACECRAFT
 . . **MIDAS SATELLITES**
 . . . **MIDAS 3 SATELLITE**
 SATELLITES
 . ARTIFICIAL SATELLITES
 . . MIDAS SATELLITES

MIDAS 4 SATELLITE

MIDAS 3 SATELLITE-(CONT.)

- . . . MIDAS 3 SATELLITE
- . . . EARTH SATELLITES
- . . . MIDAS SATELLITES
- . . . MIDAS 3 SATELLITE

MIDAS 4 SATELLITE

- GS MILITARY SPACECRAFT
- . RECONNAISSANCE SPACECRAFT
- . . . MIDAS SATELLITES
- . . . MIDAS 4 SATELLITE SATELLITES
- . . . ARTIFICIAL SATELLITES
- . . . MIDAS SATELLITES
- . . . MIDAS 4 SATELLITE
- . . . EARTH SATELLITES
- . . . MIDAS SATELLITES
- . . . MIDAS 4 SATELLITE

MIDAS 5 SATELLITE

- GS MILITARY SPACECRAFT
- . RECONNAISSANCE SPACECRAFT
- . . . MIDAS SATELLITES
- . . . MIDAS 5 SATELLITE SATELLITES
- . . . ARTIFICIAL SATELLITES
- . . . MIDAS SATELLITES
- . . . MIDAS 5 SATELLITE
- . . . EARTH SATELLITES
- . . . MIDAS SATELLITES
- . . . MIDAS 5 SATELLITE

MIDAS 6 SATELLITE

- GS MILITARY SPACECRAFT
- . RECONNAISSANCE SPACECRAFT
- . . . MIDAS SATELLITES
- . . . MIDAS 6 SATELLITE SATELLITES
- . . . ARTIFICIAL SATELLITES
- . . . MIDAS SATELLITES
- . . . MIDAS 6 SATELLITE
- . . . EARTH SATELLITES
- . . . MIDAS SATELLITES
- . . . MIDAS 6 SATELLITE

MIDAS 7 SATELLITE

- GS MILITARY SPACECRAFT
- . RECONNAISSANCE SPACECRAFT
- . . . MIDAS SATELLITES
- . . . MIDAS 7 SATELLITE SATELLITES
- . . . ARTIFICIAL SATELLITES
- . . . MIDAS SATELLITES
- . . . MIDAS 7 SATELLITE
- . . . EARTH SATELLITES
- . . . MIDAS SATELLITES
- . . . MIDAS 7 SATELLITE

MIDCOURSE GUIDANCE

- GS GUIDANCE (MOTION)
- . MIDCOURSE GUIDANCE
- RT COMMAND GUIDANCE
- . INERTIAL GUIDANCE
- . INJECTION GUIDANCE
- . RENDEZVOUS GUIDANCE
- . SPACECRAFT GUIDANCE
- . TERMINAL GUIDANCE
- . TRANSEARTH INJECTION
- . TRANSLUNAR INJECTION

MIDCOURSE TRAJECTORIES

- GS TRAJECTORIES
- . MIDCOURSE TRAJECTORIES
- RT ASCENT TRAJECTORIES
- . BALLISTIC TRAJECTORIES
- . COASTING FLIGHT
- . DESCENT TRAJECTORIES
- . PARABOLIC FLIGHT

MIDDLE ATMOSPHERE

- GS EARTH ATMOSPHERE
- . HOMOSPHERE
- . . . MIDDLE ATMOSPHERE
- . . . CHEMOSPHERE
- . . . STRATOSPHERE
- RT AIR
- . AIR POLLUTION
- ∞ ATMOSPHERES
- . ATMOSPHERIC CHEMISTRY
- . ATMOSPHERIC CIRCULATION
- . ATMOSPHERIC COMPOSITION
- . CLIMATOLOGY
- . EQUATORIAL ATMOSPHERE
- . FREE ATMOSPHERE
- . HETEROSPHERE

MIDDLE ATMOSPHERE-(CONT.)

- LOWER ATMOSPHERE
- MIDLATITUDE ATMOSPHERE
- STRATOPAUSE
- TROPOPAUSE
- UPPER ATMOSPHERE

MIDDLE EAR

- GS ANATOMY
- . SENSE ORGANS
- . . . EAR
- . . . MIDDLE EAR
- RT SEMICIRCULAR CANALS

MIDDLE EAR PRESSURE

- GS PRESSURE
- . MIDDLE EAR PRESSURE
- RT EAR PRESSURE TEST
- . EARDRUMS

MIDLATITUDE ATMOSPHERE

- GS EARTH ATMOSPHERE
- . MIDLATITUDE ATMOSPHERE ENVIRONMENTS
- . . . MIDLATITUDE ATMOSPHERE
- RT IONOSPHERE
- . MIDDLE ATMOSPHERE
- . SPORADIC E LAYER

MIDLATITUDES

- USE TEMPERATE REGIONS

MIE SCATTERING

- UF MIE THEORY
- GS SCATTERING
- . WAVE SCATTERING
- . . . ELECTROMAGNETIC SCATTERING
- . . . MIE SCATTERING
- RAYLEIGH SCATTERING

MIE THEORY

- USE MIE SCATTERING

MIG AIRCRAFT

- GS ATTACK AIRCRAFT
- . FIGHTER AIRCRAFT
- . . . MIG AIRCRAFT
- . SUPERSONIC AIRCRAFT
- . . . MIG AIRCRAFT

MIGRATION

- RT BEHAVIOR
- . PHENOLOGY
- . WATERFOWL

MIL AIRCRAFT

- RT ∞ AIRCRAFT

MILIARIA

- GS DISEASES
- . MILIARIA
- RT LESIONS
- . SWEAT

MILITARY AIR FACILITIES

- UF AIRCRAFT BASES
- RT AIR TRAFFIC CONTROL
- . AIRCRAFT CARRIERS
- . AIRPORTS
- ∞ FIELDS
- . HANGARS
- . HELIPORTS
- . LANDING AIDS
- . LANDING MATS
- . NAVIGATION AIDS
- . STATIONS

∞ MILITARY AIRCRAFT

- SN (USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)
- UF BOEING MILITARY AIRCRAFT
- . CESSNA MILITARY AIRCRAFT
- . CHANCE-VOUGHT MILITARY AIRCRAFT
- . CONVAIR MILITARY AIRCRAFT
- . CURTISS-WRIGHT MILITARY AIRCRAFT
- . DOUGLAS MILITARY AIRCRAFT
- . FAIRCHILD MILITARY AIRCRAFT
- . GENERAL DYNAMICS MILITARY AIRCRAFT
- . HILLER MILITARY AIRCRAFT
- . HUGHES MILITARY AIRCRAFT
- . REPUBLIC MILITARY AIRCRAFT
- RT A-37 AIRCRAFT

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MILITARY AIRCRAFT-(CONT.)

- AH-1G HELICOPTER
- AH-63 HELICOPTER
- AH-64 HELICOPTER
- ∞ AIRCRAFT
- . AIRCRAFT CARRIERS
- . AIRCRAFT SURVIVABILITY
- . AIRSHIPS
- . ALPHA JET AIRCRAFT
- . ANTISUBMARINE WARFARE AIRCRAFT
- . ARMED FORCES
- . ARMED FORCES (FOREIGN)
- . ARMED FORCES (UNITED STATES)
- . ATTACK AIRCRAFT
- . ATTACKING (ASSAULTING)
- . AWACS AIRCRAFT
- . B-1 AIRCRAFT
- . BOMBER AIRCRAFT
- . C-1A AIRCRAFT
- . CARGO AIRCRAFT
- . CH-62 HELICOPTER
- . CL-600 CHALLENGER AIRCRAFT
- . DRONE AIRCRAFT
- . DRONE VEHICLES
- . E-2 AIRCRAFT
- . E-3A AIRCRAFT
- . E-4A AIRCRAFT
- . FIGHTER AIRCRAFT
- . FIREBEE 2 TARGET DRONE AIRCRAFT
- . FV-12A AIRCRAFT
- . GLIDERS
- . GROUND EFFECT MACHINES
- . H-60 HELICOPTER
- . HARRIER AIRCRAFT
- . HELICOPTERS
- . JAGUAR AIRCRAFT
- . JET AIRCRAFT
- . LIGHT AIRCRAFT
- ∞ MILITARY AVIATION
- . MILITARY HELICOPTERS
- . MRCA AIRCRAFT
- . NUCLEAR PROPELLED AIRCRAFT
- . OBSERVATION AIRCRAFT
- . PANAVIA MILITARY AIRCRAFT
- . PASSENGER AIRCRAFT
- . PILOTLESS AIRCRAFT
- . RECONNAISSANCE AIRCRAFT
- . RESEARCH AIRCRAFT
- . ROTARY WING AIRCRAFT
- . S-3 AIRCRAFT
- . SHORT TAKEOFF AIRCRAFT
- . SUBMERSIBLE AIRCRAFT
- . TAILLESS AIRCRAFT
- . TANKER AIRCRAFT
- . TARGET DRONE AIRCRAFT
- . TERRAIN FOLLOWING AIRCRAFT
- . TRAINING AIRCRAFT
- . TRANSPORT AIRCRAFT
- . UTILITY AIRCRAFT
- . V/STOL AIRCRAFT
- . VERTICAL TAKEOFF AIRCRAFT
- . WEAPON SYSTEMS
- . YC-14 AIRCRAFT
- . YF-12 AIRCRAFT
- . YF-16 AIRCRAFT

∞ MILITARY AVIATION

- SN (USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)
- RT AIR LAW
- . ARMED FORCES
- . BOMBER AIRCRAFT
- . FIGHTER AIRCRAFT
- ∞ MILITARY AIRCRAFT
- . RECONNAISSANCE AIRCRAFT

MILITARY COMPACT REACTORS

- UF MCR REACTORS
- GS NUCLEAR REACTORS
- . LIQUID COOLED REACTORS
- . . . LIQUID METAL COOLED REACTORS
- . . . MILITARY COMPACT REACTORS
- . . . NUCLEAR RESEARCH AND TEST REACTORS
- . . . MILITARY COMPACT REACTORS

MILITARY HELICOPTERS

- GS V/STOL AIRCRAFT
- . ROTARY WING AIRCRAFT
- . . . HELICOPTERS
- . . . MILITARY HELICOPTERS
- AH-64 HELICOPTER
- CH-3 HELICOPTER
- CH-34 HELICOPTER

MILITARY HELICOPTERS-(CONT.)

CH-46 HELICOPTER
 CH-47 HELICOPTER
 CH-54 HELICOPTER
 H-43 HELICOPTER
 H-53 HELICOPTER
 H-56 HELICOPTER
 H-60 HELICOPTER
 HEAVY LIFT HELICOPTERS
 CH-62 HELICOPTER
 HH-43 HELICOPTER
 OH-4 HELICOPTER
 OH-5 HELICOPTER
 OH-6 HELICOPTER
 OH-13 HELICOPTER
 OH-23 HELICOPTER
 OH-58 HELICOPTER
 QH-50 HELICOPTER
 S-58 HELICOPTER
 S-61 HELICOPTER
 SA-330 HELICOPTER
 SA-3210 HELICOPTER
 SH-34 HELICOPTER
 UH-1 HELICOPTER
 UH-2 HELICOPTER
 UH-34 HELICOPTER
 UH-60A HELICOPTER
 UH-61A HELICOPTER

RT ∞ AIRCRAFT
 ATTACK AIRCRAFT
 ∞ MILITARY AIRCRAFT
 RECONNAISSANCE AIRCRAFT

MILITARY OPERATIONS

GS **MILITARY OPERATIONS**
 COMBAT
 ELECTRONIC WARFARE
 DEPLOYMENT
 TACTICS
 TANKS (COMBAT VEHICLES)

RT

MILITARY PSYCHIATRY

USE MILITARY PSYCHOLOGY

MILITARY PSYCHOLOGY

UF MILITARY PSYCHIATRY
 GS PSYCHOLOGY
 MILITARY PSYCHOLOGY
 RT PSYCHIATRY
 PSYCHOLOGICAL EFFECTS
 PSYCHOLOGICAL TESTS
 PSYCHOMETRICS

MILITARY SPACECRAFT

GS **MILITARY SPACECRAFT**
 INSPECTOR SATELLITE
 RECONNAISSANCE SPACECRAFT
 MIDAS SATELLITES
 MIDAS 2 SATELLITE
 MIDAS 3 SATELLITE
 MIDAS 4 SATELLITE
 MIDAS 5 SATELLITE
 MIDAS 6 SATELLITE
 MIDAS 7 SATELLITE
 PHOTO RECONNAISSANCE
 SPACECRAFT
 VELA SATELLITES
 AEROSPACEPLANES
 ARMED FORCES
 ARTIFICIAL SATELLITES
 ASTROPLANE
 EARTH SATELLITES
 EVASIVE SATELLITES
 MANNED SPACECRAFT
 METEOROLOGICAL SATELLITES
 ∞ MILITARY VEHICLES
 NAVIGATION SATELLITES
 RECOVERABLE SPACECRAFT
 RENDEZVOUS SPACECRAFT
 SATELLITE NETWORKS
 SATELLITES
 SPACE STATIONS
 SPACE SURVEILLANCE (SPACEBORNE)
 ∞ SPACECRAFT
 SYNCHRONOUS SATELLITES
 UNMANNED SPACECRAFT
 WEAPON SYSTEMS

RT

MILITARY TECHNOLOGY

GS TECHNOLOGIES
 MILITARY TECHNOLOGY
 RT ANTIMISSILE DEFENSE
 ANTIRADIATION MISSILES
 ANTISUBMARINE WARFARE
 ARMED FORCES (FOREIGN)

MILITARY TECHNOLOGY-(CONT.)

ARMED FORCES (UNITED STATES)
 ARMY-NAVY INSTRUMENTATION
 PROGRAM
 AWACS AIRCRAFT
 BALLISTIC MISSILE EARLY WARNING
 SYSTEM
 DEFENSE COMMUNICATIONS SYSTEM
 (DCS)
 DEFENSE INDUSTRY
 DEFENSE PROGRAM
 DEPLOYMENT
 E-2 AIRCRAFT
 E-3A AIRCRAFT
 E-4A AIRCRAFT
 FIELD ARMY BALLISTIC MISSILE
 DEFENSE SYS
 FLEET SATELLITE COMMUNICATION
 SYSTEM
 INTELLIGENCE
 INTERSERVICE DATA EXCHANGE
 PROGRAM
 LASER WEAPONS
 LOGISTICS OVER THE SHORE (LOTS)
 CARRIER
 MISSILE DEFENSE
 OPTICAL COUNTERMEASURES
 RADAR HOMING MISSILES
 SAFEGUARD SYSTEM
 TACTICS
 WEAPONS
 WEAPONS DELIVERY
 WEAPONS INDUSTRY

MILITARY VEHICLES

SN (USE OF A MORE SPECIFIC TERM IS
 RECOMMENDED-CONSULT THE TERMS
 LISTED BELOW)
 RT AEROQUATIC VEHICLES
 AIRCRAFT CARRIERS
 AMBULANCES
 AMPHIBIOUS VEHICLES
 ARMED FORCES
 ARMED FORCES (FOREIGN)
 ARMED FORCES (UNITED STATES)
 AUTOMOBILES
 BOATS
 MILITARY SPACECRAFT
 RECOVERY VEHICLES
 RESEARCH VEHICLES
 SHIPS
 SUBMARINES
 TANKS (COMBAT VEHICLES)
 TRUCKS
 UNDERWATER VEHICLES
 WATER VEHICLES

MILK

RT BEVERAGES
 ∞ FOOD

MILKY WAY GALAXY

GS CELESTIAL BODIES
 GALAXIES
 SPIRAL GALAXIES
 MILKY WAY GALAXY
 RT ORION NEBULA
 RADIO SOURCES (ASTRONOMY)
 STARS

MILLET

GS FARM CROPS
 MILLET
 RT EARTH RESOURCES
 FLOUR (FOOD)
 ∞ FOOD
 GRAINS (FOOD)
 GRASSES

MILLIAMMETERS

GS MEASURING INSTRUMENTS
 AMMETERS
 MILLIAMMETERS
 MICROMILLIAMMETERS
 THERMOELEMENT AMMETERS
 RT ELECTRIC CURRENT
 ELECTRICAL MEASUREMENT

MILLIMETER WAVES

GS ELECTROMAGNETIC RADIATION
 RADIO WAVES
 SHORT WAVE RADIATION
 MICROWAVES
 MILLIMETER WAVES
 RT BEAM PLASMA AMPLIFIERS

MILLIMETER WAVES-(CONT.)

C BAND
 CN EMISSION
 CYCLOTRON RESONANCE DEVICES
 DECIMETER WAVES
 ELECTROMAGNETIC NOISE
 EXTRATERRESTRIAL RADIO WAVES
 EXTREMELY HIGH FREQUENCIES
 FREQUENCIES
 SOLAR RADIO EMISSION
 SUBMILLIMETER WAVES
 WAVELENGTHS

MILLING

SN (USE OF A MORE SPECIFIC TERM IS
 RECOMMENDED-CONSULT THE TERMS
 LISTED BELOW)
 RT COMMINUTION
 COMPOUNDING
 MILLING (MACHINING)

MILLING (MACHINING)

GS CUTTING
 MILLING (MACHINING)
 MACHINING
 MILLING (MACHINING)
 RT CHEMICAL MACHINING
 GROOVING
 METAL CUTTING
 MILLING MACHINES
 PLANING

MILLING (MIXING)

USE COMPOUNDING

MILLING MACHINES

GS TOOLS
 MACHINE TOOLS
 MILLING MACHINES
 RT GRINDING MACHINES
 SHAPERS

MILLIVOLTMETERS

GS MEASURING INSTRUMENTS
 VOLTMETERS
 MILLIVOLTMETERS
 RT GALVANOMETERS

MILLS RATIO

GS RATIOS
 MILLS RATIO
 RT FAILURE
 FAILURE ANALYSIS
 LIFE (DURABILITY)
 MORTALITY
 PROBABILITY DENSITY FUNCTIONS
 STATISTICAL ANALYSIS

MILNE METHOD

GS ANALYSIS (MATHEMATICS)
 NUMERICAL ANALYSIS
 APPROXIMATION
 MILNE METHOD
 RT DIFFERENTIAL EQUATIONS

MILNE-THOMSON METHOD

RT INCOMPRESSIBLE FLOW
 ∞ METHODOLOGY
 NAVIER-STOKES EQUATION
 VISCOUS FLOW

MIM (SEMICONDUCTORS)

UF METAL-INSULATOR-METAL
 SEMICONDUCTORS
 GS ELECTRONIC EQUIPMENT
 SOLID STATE DEVICES
 SEMICONDUCTOR DEVICES
 MIM (SEMICONDUCTORS)
 SEMICONDUCTORS (MATERIALS)
 MIM (SEMICONDUCTORS)
 RT SIS (SEMICONDUCTORS)

MIM DIODES

UF METAL-INSULATOR-METAL DIODES
 GS ELECTRONIC EQUIPMENT
 SOLID STATE DEVICES
 SEMICONDUCTOR DEVICES
 JUNCTION DIODES
 MIM DIODES
 RT ELECTRON TUNNELING
 NEGATIVE RESISTANCE DEVICES
 SEMICONDUCTOR DIODES
 TUNNEL DIODES

MIMAS

MIMAS
 GS SATELLITES
 . NATURAL SATELLITES
 . . SATURN SATELLITES
 . . . **MIMAS**
 RT SATURN (PLANET)

MINE DETECTORS
 GS WARNING SYSTEMS
 . **MINE DETECTORS**
 RT ∞ DETECTORS
 WARNING

MINER RULE
 USE PALMGREN-MINER RULE

MINERAL DEPOSITS
 RT CONTACTS (GEOLOGY)
 EARTH RESOURCES
 EXCAVATION
 GEOLOGY
 MINERALOGY
 MINERALS
 MINES (EXCAVATIONS)
 MINING
 RESERVES
 STRIP MINING
 UNDERWATER RESOURCES

MINERAL EXPLORATION
 GS EXPLORATION
 . **MINERAL EXPLORATION**
 RT EXCAVATION
 MINERALS
 MINES (EXCAVATIONS)
 MINING

MINERAL METABOLISM
 GS METABOLISM
 . **MINERAL METABOLISM**
 RT BODY FLUIDS
 CALORIC REQUIREMENTS
 ENDOCRINE SYSTEMS
 SECRETIONS

MINERAL OILS
 GS OILS
 . **MINERAL OILS**
 RT LUBRICATING OILS

MINERALOGY
 RT CRYSTALLOGRAPHY
 GEOCHEMISTRY
 GEOLOGY
 MINERAL DEPOSITS
 MINERALS
 PETROLOGY

MINERALS
 UF APATITES
 ORES
 GS **MINERALS**
 . AMPHIBOLES
 . ANATASE
 . ARAGONITE
 . ASBESTOS
 . BARITE
 . BASTNASITE
 . BERYL
 . BLOEDITE
 . BRUCITE
 . CALCITE
 . CHROMITES
 . COHENITE
 . CORDIERITE
 . CRYOLITE
 . DAWSONITE
 . DOLOMITE (MINERAL)
 . EUXENITE
 . FAYALITE
 . FELDSPARS
 . FLUORITE
 . FLUORPHLOGOPITE
 . FLUORSPAR
 . GARNETS
 . GEHLLENITE
 . . AKERMANITE
 . GRAPHITE
 . GYPSUM
 . HEXAHEDRITE
 . HODGKINSONITE
 . ILLITE
 . ILMENITE
 . IRON ORES
 . . HEMATITE

MINERALS-(CONT.)

. KAMACITE
 . KAOLINITE
 . KREEP
 . LIMONITE
 . MAGNETITE
 . MERWINITE
 . MICA
 . . BIOTITE
 . . FLUOROPHLOGOPITE
 . . MUSCOVITE
 . . MONTICELLITE
 . . MONTMORILLONITE
 . NEPHELINE
 . NEPHELINE
 . NORBERGITE
 . OLIVINE
 . . FORSTERITE
 . . PEROVSKITES
 . . PROUSTITE
 . . PYRITES
 . . PYROPHYLLITE
 . . PYROXENES
 . . ENSTATITE
 . . PYRRHOTITE
 . . TROILITE
 . . QUARTZ
 . . COESITE
 . . STISHOVITE
 . . SCHEELITE
 . . SCHREIBERSITE
 . . SERPENTINE
 . . SIDERITES
 . . SPINEL
 . . SPODUMENE
 . . SPURRITE
 . . TALC
 . . TOURMALINE
 . . VERMICULITE
 . . WURTZITE
 . . ZINCBLENDE
 RT ALUMINUM SILICATES
 ANDESITE
 BAUXITE
 BENEFICIATION
 BIOGEOCHEMISTRY
 BONE MINERAL CONTENT
 BOREHOLES
 CALCIUM SILICATES
 CRYSTALLITES
 DIORITE
 DUNITE
 EARTH RESOURCES
 FELSITE
 FLUOROSILICATES
 GEOLOGY
 IGNEOUS ROCKS
 IMPACT MELTS
 LAVA
 LIMESTONE
 LUNAR SOIL
 MINERAL DEPOSITS
 MINERAL EXPLORATION
 MINERALOGY
 MONAZITE SANDS
 MULLITES
 ∞ NUTRIENTS
 OBSIDIAN
 POTASSIUM SILICATES
 ROCKS
 RUTILE
 SHALES
 SILICATES
 SODIUM SILICATES
 SOILS
 UNDERGROUND ACOUSTICS
 YTTRIUM-ALUMINUM GARNET
 YTTRIUM-IRON GARNET
 ZEOLITES

∞ **MINES**
 SN *(USE OF A MORE SPECIFIC TERM IS
 RECOMMENDED-CONSULT THE TERMS
 LISTED BELOW)*
 RT MINES (EXCAVATIONS)
 MINES (ORDNANCE)

MINES (EXCAVATIONS)
 UF QUARRIES
 RT CORE SAMPLING
 DRAINAGE
 EXPLOITATION
 EXPLORATION
 MATERIALS HANDLING
 MINERAL DEPOSITS

NASA THESAURUS (VOLUME 1)

MINES (EXCAVATIONS)-(CONT.)

MINERAL EXPLORATION
 ∞ MINES
 MINING
 PITS (EXCAVATIONS)
 RESERVES
 STRATIGRAPHY
 STRIP MINING
 SUBSIDENCE
 UNDERGROUND EXPLOSIONS
 UNDERGROUND STORAGE
 UNDERGROUND STRUCTURES
 WASTE DISPOSAL

MINES (ORDNANCE)

GS WEAPONS
 . **MINES (ORDNANCE)**
 RT AMMUNITION
 ∞ MINES

MINIATURE ELECTRONIC EQUIPMENT

GS ELECTRONIC EQUIPMENT
 . **MINIATURE ELECTRONIC EQUIPMENT**
 RT CIRCUITS
 ∞ ELECTRIC EQUIPMENT
 ELECTRONIC MODULES
 ∞ EQUIPMENT
 MICROMINIATURIZATION
 MICROMINIATURIZED ELECTRONIC
 DEVICES
 MICROMODULES
 MINIATURIZATION
 MOLECULAR ELECTRONICS
 PRINTED CIRCUITS
 SOLID STATE DEVICES
 SUBMINIATURIZATION
 THIN FILMS

MINIATURIZATION

GS **MINIATURIZATION**
 . MICROMINIATURIZATION
 . SUBMINIATURIZATION
 RT CIRCUITS
 MINIATURE ELECTRONIC EQUIPMENT
 PRINTED CIRCUITS
 PRINTED RESISTORS
 TRANSISTORS
 WAFERS

MINICOMPUTERS

GS DATA PROCESSING EQUIPMENT
 . COMPUTERS
 . . DIGITAL COMPUTERS
 . . . **MINICOMPUTERS**
 RT AIRBORNE/SPACEBORNE COMPUTERS
 ATMOSPHERIC & OCEANOGRAPHIC
 INFORM SYS
 MICROCOMPUTERS

MINIMA

GS ANALYSIS (MATHEMATICS)
 . REAL VARIABLES
 . . EXTREMUM VALUES
 . . . **MINIMA**
 RT CUSPS (MATHEMATICS)
 DIFFERENTIAL CALCULUS
 MAXIMA
 OPERATIONS RESEARCH
 OPTIMIZATION
 PENALTY FUNCTION
 RANGE (EXTREMES)
 STEEPEST DESCENT METHOD

MINIMAX TECHNIQUE

RT APPROXIMATION
 CURVE FITTING
 GAME THEORY
 OPERATIONS RESEARCH
 RESEARCH
 SADDLE POINTS

MINIMIZATION

USE OPTIMIZATION

MINIMUM DRAG

GS DYNAMIC CHARACTERISTICS
 . DRAG
 . . **MINIMUM DRAG**
 RT AIRCRAFT PERFORMANCE
 FRICTION DRAG

MINIMUM ENTROPY METHOD

GS ENTROPY (STATISTICS)
 . **MINIMUM ENTROPY METHOD**

MINIMUM ENTROPY METHOD-(CONT.)RT ∞ METHODOLOGY**MINIMUM VARIANCE ORBIT DETERMINATION**

UF MINIVAR ORBIT DETERMINATION
 GS CLASSICAL MECHANICS
 . SPACE MECHANICS
 . . ORBITAL MECHANICS
 . . . **MINIMUM VARIANCE ORBIT DETERMINATION**
 COMPUTATION
 . ORBIT CALCULATION
 . . **MINIMUM VARIANCE ORBIT DETERMINATION**
 RT STATISTICAL ANALYSIS

MINING

GS **MINING**
 . STRIP MINING
 RT CLAYS
 ENERGY POLICY
 EXCAVATION
 EXPLOITATION
 MINERAL DEPOSITS
 MINERAL EXPLORATION
 MINES (EXCAVATIONS)
 UNDERGROUND STRUCTURES

MINITRACK OPTICAL TRACKING SYSTEM

USE MINITRACK SYSTEM

MINITRACK SYSTEM

UF MINITRACK OPTICAL TRACKING SYSTEM
 MOTS (TRACKING SYSTEM)
 RT GLOBAL TRACKING NETWORK
 OPTICAL TRACKING
 SATELLITE TRACKING
 SPACE DETECTION AND TRACKING SYSTEM
 SPACE SURVEILLANCE (GROUND BASED)
 SPACECRAFT TRACKING
 STDN (NETWORK)
 ∞ SYSTEMS
 TRACKING NETWORKS
 TRACKING STATIONS
 ∞ TRACKS

MINIVAR ORBIT DETERMINATION

USE MINIMUM VARIANCE ORBIT DETERMINATION

MINKOWSKI SPACE

RT FEYNMAN DIAGRAMS
 PROBABILITY THEORY
 SPACE-TIME FUNCTIONS

MINNESOTA

GS UNITED STATES OF AMERICA
 . MINNESOTA

MINOR CIRCLE TURNING FLIGHT

GS TURNING FLIGHT
 . **MINOR CIRCLE TURNING FLIGHT**
 RT AIRCRAFT CONTROL
 MANEUVERS

MINOR PLANET 1221

USE AMOR ASTEROID

MINOR PLANET 2060

USE CHIRON

MINORITIES

RT AMERICAN INDIANS
 ANTHROPOLOGY
 COMMUNITIES
 CULTURE (SOCIAL SCIENCES)
 NATIONS
 RACES
 SOCIOLOGY
 VOTING

MINORITY CARRIERS

GS CHARGE CARRIERS
 . **MINORITY CARRIERS**
 RT ADDITIVES
 BIPOLAR TRANSISTORS
 CARRIER INJECTION
 ELECTRON MOBILITY
 ELECTRONS
 HOLES (ELECTRON DEFICIENCIES)
 SEMICONDUCTORS (MATERIALS)

MINOS COMPUTER

GS DATA PROCESSING EQUIPMENT
 . COMPUTERS
 . . **MINOS COMPUTER**

MINUTEMAN ICBM

UF MINUTEMAN MISSILES
 GS MISSILES
 . BALLISTIC MISSILES
 . . INTERCONTINENTAL BALLISTIC MISSILES
 . . . **MINUTEMAN ICBM**
 . SURFACE TO SURFACE MISSILES
 . . INTERCONTINENTAL BALLISTIC MISSILES
 . . . **MINUTEMAN ICBM**
 RT M-55 ENGINE
 M-56 ENGINE
 M-57 ENGINE
 MULTISTAGE ROCKET VEHICLES
 SOLID PROPELLANT ROCKET ENGINES
 SPACE WEAPONS
 TU-122 ENGINE

MINUTEMAN MISSILES

USE MINUTEMAN ICBM

MIOSIS

GS MYOPIA
 . **MIOSIS**
 RT EYE (ANATOMY)
 OPHTHALMOLOGY
 TETRAD THEORY
 VISION

MIRAGE AIRCRAFT

GS ATTACK AIRCRAFT
 . FIGHTER AIRCRAFT
 . . **MIRAGE AIRCRAFT**
 . . . MIRAGE 3 AIRCRAFT
 DASSAULT AIRCRAFT
 . **MIRAGE AIRCRAFT**
 . . MIRAGE 3 AIRCRAFT
 JET AIRCRAFT
 . **MIRAGE AIRCRAFT**
 . . MIRAGE 3 AIRCRAFT
 MONOPLANES
 . **MIRAGE AIRCRAFT**
 . . MIRAGE 3 AIRCRAFT
 OBSERVATION AIRCRAFT
 . **MIRAGE AIRCRAFT**
 . . MIRAGE 3 AIRCRAFT
 RECONNAISSANCE AIRCRAFT
 . **MIRAGE AIRCRAFT**
 . . MIRAGE 3 AIRCRAFT
 SUPERSONIC AIRCRAFT
 . **MIRAGE AIRCRAFT**
 . . MIRAGE 3 AIRCRAFT

MIRAGE 3 AIRCRAFT

UF DASSAULT MIRAGE 3 AIRCRAFT
 GS ATTACK AIRCRAFT
 . FIGHTER AIRCRAFT
 . . MIRAGE AIRCRAFT
 . . . **MIRAGE 3 AIRCRAFT**
 DASSAULT AIRCRAFT
 . MIRAGE AIRCRAFT
 . . **MIRAGE 3 AIRCRAFT**
 JET AIRCRAFT
 . MIRAGE AIRCRAFT
 . . **MIRAGE 3 AIRCRAFT**
 MONOPLANES
 . MIRAGE AIRCRAFT
 . . **MIRAGE 3 AIRCRAFT**
 OBSERVATION AIRCRAFT
 . MIRAGE AIRCRAFT
 . . **MIRAGE 3 AIRCRAFT**
 RECONNAISSANCE AIRCRAFT
 . MIRAGE AIRCRAFT
 . . **MIRAGE 3 AIRCRAFT**
 SUPERSONIC AIRCRAFT
 . MIRAGE AIRCRAFT
 . . **MIRAGE 3 AIRCRAFT**
 TAILLESS AIRCRAFT
 . **MIRAGE 3 AIRCRAFT**

MIRANDA SATELLITE

GS SATELLITES
 . ARTIFICIAL SATELLITES
 . . SYNCHRONOUS SATELLITES
 . . . **MIRANDA SATELLITE**
 . . UK SATELLITES
 . . . **MIRANDA SATELLITE**
 RT ATTITUDE CONTROL

MIROS SYSTEM

UF MODULATING RETRODIRECTIVE OPTICS
 GS MODULATION
 . LIGHT MODULATION
 . . **MIROS SYSTEM**
 RT OPTICAL MEASURING INSTRUMENTS

MIRROR FUSION

RT FUSION REACTORS
 MAGNETIC MIRRORS
 NUCLEAR FUSION
 PLASMA CONTROL

MIRROR POINT

RT MAGNETIC MIRRORS
 RADIATION BELTS

MIRRORS

GS **MIRRORS**
 . CELESTROSCOPES
 . FRESNEL REFLECTORS
 . MAGNETIC MIRRORS
 . PARABOLOID MIRRORS
 . ROTATING MIRRORS
 . SOLETTAS
 RT CASSEGRAIN OPTICS
 CIRCUMSOLAR TELESCOPES
 COLLIMATORS
 HELIOSTATS
 OPTICAL EQUIPMENT
 OPTICAL RESONATORS
 ∞ OPTICS
 REFLECTING TELESCOPES
 REFLECTORS
 SOLAR COLLECTORS
 SOLAR REFLECTORS
 SPECULAR REFLECTION
 TELESCOPES

MIS (SEMICONDUCTORS)

UF METAL INSULATOR SEMICONDUCTORS
 GS ELECTRONIC EQUIPMENT
 . SOLID STATE DEVICES
 . . SEMICONDUCTOR DEVICES
 . . . **MIS (SEMICONDUCTORS)**
 SEMICONDUCTORS (MATERIALS)
 . **MIS (SEMICONDUCTORS)**
 RT SIS (SEMICONDUCTORS)

MISALIGNMENT

SN (EXCLUDES PSYCHOLOGICAL DISORIENTATION)
 UF MISORIENTATION
 RT ATTITUDE (INCLINATION)
 DISORIENTATION
 POSITION (LOCATION)

MISCIBILITY

USE SOLUBILITY

MISMATCH (ELECTRICAL)

RT ELECTRICAL MEASUREMENT
 IMPEDANCE MEASUREMENT
 MATCHING

MISORIENTATION

USE MISALIGNMENT

MISS DISTANCE

GS DISTANCE
 . **MISS DISTANCE**
 RT ACCURACY
 AIR TO SURFACE MISSILES

MISSILE ANTENNAS

GS ANTENNAS
 . **MISSILE ANTENNAS**
 MISSILE COMPONENTS
 . **MISSILE ANTENNAS**
 RT AIRCRAFT ANTENNAS
 DIRECTIONAL ANTENNAS
 MICROWAVE ANTENNAS

MISSILE BODIES

UF MISSILE CASES
 GS MISSILE COMPONENTS
 . **MISSILE BODIES**
 RT AIRFRAMES
 AXISYMMETRIC BODIES
 BLUNT BODIES
 ∞ BODIES
 CASES (CONTAINERS)
 FINNED BODIES
 ROCKET ENGINE CASES

MISSILE CASES

MISSILE BODIES-(CONT.)

SLENDER BODIES
STREAMLINED BODIES

MISSILE CASES

USE MISSILE BODIES

MISSILE COMPONENTS

GS MISSILE COMPONENTS

. MISSILE ANTENNAS
. MISSILE BODIES

RT ∞ COMPONENTS

ENGINES
FINS
NOSE CONES
WARHEADS
WINGS

MISSILE CONFIGURATIONS

GS MISSILE CONFIGURATIONS

. SANDPIPER TARGET MISSILE
RT AERODYNAMIC CONFIGURATIONS
AIRCRAFT CONFIGURATIONS
∞ CONFIGURATIONS
HAMMERHEAD CONFIGURATION
LAUNCH VEHICLE CONFIGURATIONS
MISSILES
MULTIENGINE VEHICLES
PATRIOT MISSILE
PROPULSION SYSTEM CONFIGURATIONS
ROCKET ENGINES
ROCKET VEHICLES

MISSILE CONSTRUCTION

USE MISSILE STRUCTURES

MISSILE CONTROL

UF MISSILE GUIDANCE

MISSILE STABILIZATION

RT

ACTUATORS
ANALOG COMPUTERS
ATTITUDE CONTROL
AUTOMATIC CONTROL
AUTOMATIC FLIGHT CONTROL
BEAM RIDER GUIDANCE
∞ CONTROL
DIRECTIONAL CONTROL
FLIGHT CONTROL
GROUND BASED CONTROL
HOMING
LASER GUIDANCE
LATERAL CONTROL
LONGITUDINAL CONTROL
MISSILES
RADAR HOMING MISSILES
RADIO CONTROL
REMOTE CONTROL
ROCKET ENGINE CONTROL
SPACECRAFT CONTROL
STAR TRACKERS
THRUST VECTOR CONTROL
VISUAL CONTROL

MISSILE DEFENSE

SN (SYSTEMS DESIGNED TO PROTECT

MISSILES AGAINST ATTACK)

RT

ANTIMISSILE DEFENSE
ANTIMISSILE MISSILES
ANTIRADIATION MISSILES
BALLISTIC MISSILE DECOYS

∞ DEFENSE

DEFENSE INDUSTRY
DEFENSE PROGRAM
HARDENING (SYSTEMS)
MILITARY TECHNOLOGY
MISSILES
OPTICAL COUNTERMEASURES
REENTRY DECOYS
SAFEGUARD SYSTEM
WEAPONS DELIVERY

MISSILE DESIGN

RT AEROSPACE ENGINEERING

AIRCRAFT DESIGN
COMPUTERIZED DESIGN

∞ DESIGN

∞ DEVELOPMENT

ENGINE DESIGN
FLIGHT TESTS
FUNCTIONAL DESIGN SPECIFICATIONS
MAGNUS EFFECT
RELIABILITY
STRUCTURAL DESIGN
SYSTEMS ENGINEERING

MISSILE DETECTION

GS DETECTION

. MISSILE DETECTION

. . . RADAR DETECTION

RT

EARLY WARNING SYSTEMS
ELECTRONIC WARFARE
IDENTIFYING
TARGET ACQUISITION
TARGET RECOGNITION

MISSILE ENGINE CASES

USE ROCKET ENGINE CASES

MISSILE GUIDANCE

USE MISSILE CONTROL

MISSILE LAUNCHERS

GS LAUNCHERS

. MISSILE LAUNCHERS

. . . MOBILE MISSILE LAUNCHERS

RT

BALLISTIC MISSILE SUBMARINES
CATAPULTS
GROUND SUPPORT EQUIPMENT
GUN LAUNCHERS
LAUNCH VEHICLES
LAUNCHING
LAUNCHING SITES
MISSILES
ROCKET LAUNCHERS
SEA LAUNCHING
WEAPON SYSTEMS

MISSILE RANGES

SN (EXCLUDES DISTANCE OF MISSILE

TRAVEL)

GS

DISTANCE

. MISSILE RANGES

RANGES (FACILITIES)

. . . TEST RANGES

. . . MISSILE RANGES

TEST FACILITIES

. . . TEST RANGES

. . . MISSILE RANGES

RT

BALLISTIC RANGES
DOWNRANGE
HYPERSONIC TEST APPARATUS
MISSILES
RANGE SAFETY
REENTRY RANGE

MISSILE SIGNATURES

GS SIGNATURES

. RADAR SIGNATURES

. . . MISSILE SIGNATURES

RT

DETECTION
SIGNATURE ANALYSIS
TARGET RECOGNITION

MISSILE SILOS

UF SILOS (MISSILE STORAGE)

RT

∞ BUILDINGS
LAUNCHING SITES
MX MISSILE
∞ STORAGE

∞ MISSILE SIMULATORS

SN (USE OF A MORE SPECIFIC TERM IS
RECOMMENDED-CONSULT THE TERMS
LISTED BELOW)

RT

COMPUTERIZED SIMULATION
FLIGHT SIMULATORS
MATHEMATICAL MODELS
MISSILES
SIMULATORS
TRAINING SIMULATORS
WIND TUNNEL MODELS

MISSILE STABILIZATION

USE MISSILE CONTROL

STABILIZATION

MISSILE STORAGE

RT GROUND SUPPORT EQUIPMENT

MOBILE MISSILE LAUNCHERS

PROPELLANT STORAGE

∞ STORAGE

UNDERGROUND STORAGE

MISSILE STRUCTURES

UF MISSILE CONSTRUCTION

RT

AIRFRAMES
∞ STRUCTURES
TAIL ASSEMBLIES

NASA THESAURUS (VOLUME 1)

MISSILE SYSTEMS

GS WEAPON SYSTEMS

. MISSILE SYSTEMS

. . . NIKE X SYSTEMS

. . . SAFEGUARD SYSTEM

RT

AEROSPACE SYSTEMS
BEAM RIDER GUIDANCE
MOBILE MISSILE LAUNCHERS
RADAR HOMING MISSILES
∞ SYSTEMS

MISSILE TESTS

RT CAPTIVE TESTS

ENGINE TESTS

FLIGHT TESTS

FUEL TESTS

GROUND TESTS

MISSILES

PRELAUNCH TESTS

PROPELLANT TESTS

STABILITY TESTS

STATIC TESTS

TEST FIRING

TEST VEHICLES

∞ TESTS

WIND TUNNEL STABILITY TESTS

MISSILE TRACKING

GS TRACKING (POSITION)

. MISSILE TRACKING

RT

INFRARED TRACKING
LASER TARGET DESIGNATORS
POLYSTATION DOPPLER TRACKING
SYSTEM
RANGE AND RANGE RATE TRACKING
SPACE DETECTION AND TRACKING
SYSTEM
SPACECRAFT TRACKING
TRACKING NETWORKS
TRACKING STATIONS

MISSILE TRAJECTORIES

GS TRAJECTORIES

. MISSILE TRAJECTORIES

RT

ASCENT TRAJECTORIES
BALLISTIC TRAJECTORIES
COBRA DANE (RADAR)
DESCENT TRAJECTORIES
FLIGHT MECHANICS
FLIGHT PATHS
IMPACT PREDICTION
PARABOLIC FLIGHT
REENTRY TRAJECTORIES
SPINNING UNGUIDED ROCKET
TRAJECTORY
UNDERWATER TRAJECTORIES

MISSILE VIBRATION

GS VIBRATION

. STRUCTURAL VIBRATION

. . . MISSILE VIBRATION

RT

BENDING VIBRATION
BREATHING VIBRATION
FLUTTER
LINEAR VIBRATION
RANDOM VIBRATION
SELF INDUCED VIBRATION
SUPERSONIC FLUTTER
TORSIONAL VIBRATION
TRANSONIC FLUTTER

MISSILES

GS

MISSILES

. AIR SLEW MISSILES
. AIR TO AIR MISSILES
. . . FALCON MISSILE
. . . MATRA MISSILE
. . . SIDEWINDER MISSILES
. . . SPARROW MISSILES
. . . SPARROW 2 MISSILE
. . . SPARROW 3 MISSILE
. AIR TO SURFACE MISSILES
. . . BULLPUP MISSILES
. . . CONDOR MISSILE
. . . HARPOON MISSILE
. . . HOUND DOG MISSILE
. . . MAVERICK MISSILES
. . . QUAIL MISSILE
. . . SHRIKE MISSILE
. ANTELOPE MISSILE
. ANTI-AIRCRAFT MISSILES
. . . BOMARC MISSILES
. . . FALCON MISSILE
. . . MAULER MISSILE
. . . NIKE-AJAX MISSILE

MISSILES-(CONT.)

. NIKE-HERCULES MISSILE
 . REDEYE MISSILE
 . SEACAT MISSILE
 . SEASLUG MISSILE
 . SIAM MISSILES
 . SIDEWINDER MISSILES
 . TARTAR MISSILE
 . TERRIER MISSILE
 . THUNDERBIRD MISSILE
 . ANTIMISSILE MISSILES
 . MAULER MISSILE
 . NIKE-ZEUS MISSILE
 . SPARTAN MISSILE
 . SPRINT MISSILE
 . ANTIRADIATION MISSILES
 . ANTISHIP MISSILES
 . ATSAN MISSILES
 . BALLISTIC MISSILES
 . FIELD ARMY BALLISTIC MISSILES
 . SUBROC MISSILE
 . INTERCONTINENTAL BALLISTIC MISSILES
 . . . ATLAS ICBM
 . . . ATLAS D ICBM
 . . . ATLAS E ICBM
 . . . ATLAS F ICBM
 . . . ATLAS G ICBM
 . . . MINUTEMAN ICBM
 . . . TITAN ICBM
 . . . TITAN 1 ICBM
 . . . TITAN 2 ICBM
 . . . INTERMEDIATE RANGE BALLISTIC MISSILES
 . . . BLUE STREAK MISSILE
 . . . JUPITER MISSILE
 . . . POLARIS MISSILES
 . . . POLARIS A1 MISSILE
 . . . POLARIS A2 MISSILE
 . . . POLARIS A2A MISSILE
 . . . POLARIS A3 MISSILE
 . . . PERSHING MISSILE
 . . . POSEIDON MISSILES
 . . . SHORT RANGE BALLISTIC MISSILES
 . . . AUTOMET MISSILE
 . . . SKYBOLT MISSILE
 . . . V-2 MISSILE
 . BLUE STEEL MISSILE
 . BUMBLEBEE PROJECT
 . CORVUS MISSILE
 . OSPREY MISSILE
 . PRECISION GUIDED PROJECTILES
 . RADAR HOMING MISSILES
 . RAMJET MISSILES
 . NAVAHO MISSILE
 . SUPERSONIC LOW ALTITUDE MISSILE
 . SANDPIPER TARGET MISSILE
 . SS-11 MISSILE
 . SURFACE TO AIR MISSILES
 . BLUE GOOSE MISSILE
 . BOMARC MISSILES
 . . BOMARC A MISSILE
 . . BOMARC B MISSILE
 . . CHAPARRAL MISSILE
 . . HAWK MISSILE
 . . MAULER MISSILE
 . . NIKE MISSILES
 . . NIKE-AJAX MISSILE
 . . NIKE-HERCULES MISSILE
 . . NIKE-ZEUS MISSILE
 . . PATRIOT MISSILE
 . . REDEYE MISSILE
 . . SEACAT MISSILE
 . . SEASLUG MISSILE
 . . SPRINT MISSILE
 . . TALOS MISSILE
 . . TARTAR MISSILE
 . . TERRIER MISSILE
 . . THUNDERBIRD MISSILE
 . . SURFACE TO SURFACE MISSILES
 . . ANTITANK MISSILES
 . . SHILLELAGH MISSILES
 . . TOW MISSILES
 . . CORPORAL MISSILE
 . . CRUISE MISSILES
 . . NAVAHO MISSILE
 . . TOMAHAWK MISSILES
 . . FLEET BALLISTIC MISSILES
 . . . POLARIS A1 MISSILE
 . . . POLARIS A2 MISSILE
 . . . POLARIS A2A MISSILE
 . . . POLARIS A3 MISSILE
 . . . POSEIDON MISSILES
 . . . SUBROC MISSILE
 . . . INTERCONTINENTAL BALLISTIC MISSILES

MISSILES-(CONT.)

. . . ATLAS ICBM
 . . . ATLAS D ICBM
 . . . ATLAS E ICBM
 . . . ATLAS F ICBM
 . . . ATLAS G ICBM
 . . . MINUTEMAN ICBM
 . . . MX MISSILE
 . . . TITAN ICBM
 . . . TITAN 1 ICBM
 . . . TITAN 2 ICBM
 . . . INTERMEDIATE RANGE BALLISTIC MISSILES
 . . . BLUE STREAK MISSILE
 . . . JUPITER MISSILE
 . . . POLARIS MISSILES
 . . . POLARIS A1 MISSILE
 . . . POLARIS A2 MISSILE
 . . . POLARIS A2A MISSILE
 . . . POLARIS A3 MISSILE
 . . . LACROSSE MISSILE
 . . . LANCE MISSILE
 . . . MACE MISSILES
 . . . PERSHING MISSILE
 . . . REGULUS MISSILE
 . . . SERGEANT MISSILES
 . . . SHORT RANGE BALLISTIC MISSILES
 . . . AUTOMET MISSILE
 . . . SUPERSONIC LOW ALTITUDE MISSILE
 . . . V-1 MISSILE
 . . . UNDERWATER TO SURFACE MISSILES
 . . . SUBROC MISSILE
 . . . WHITE LANCE MISSILE
 RT AMMUNITION
 . . . ANTIMISSILE DEFENSE
 . . . ANTISHIP WARFARE
 . . . ARTILLERY
 . . . ASCENT PROPULSION SYSTEMS
 . . . AUXILIARY PROPULSION
 . . . BOMBS (ORDNANCE)
 . . . FLIGHT TEST VEHICLES
 . . . FLIGHT VEHICLES
 . . . GROUND SUPPORT EQUIPMENT
 . . . GUIDANCE (MOTION)
 . . . HOMING DEVICES
 . . . HYPERSONIC FLIGHT
 . . . INCENDIARY AMMUNITION
 . . . LAUNCH VEHICLES
 . . . LAUNCHING SITES
 . . . MISSILE CONFIGURATIONS
 . . . MISSILE CONTROL
 . . . MISSILE DEFENSE
 . . . MISSILE LAUNCHERS
 . . . MISSILE RANGES
 . . . MISSILE SIMULATORS
 . . . MISSILE TESTS
 . . . MULTIENGINE VEHICLES
 . . . NIKE X SYSTEMS
 . . . NUCLEAR WEAPONS
 . . . PLASMA SHEATHS
 . . . PROPULSION
 . . . REENTRY
 . . . REENTRY VEHICLES
 . . . ROCKET CATAPULTS
 . . . ROCKET ENGINES
 . . . ROCKET PROPELLANTS
 . . . ROCKETS
 . . . SCRAM
 . . . SPACECRAFT LAUNCHING
 . . . SPIN STABILIZATION
 . . . STAGE SEPARATION
 . . . SUPERSONIC COMBUSTION RAMJET
 . . . ENGINES
 . . . SUPERSONIC FLIGHT
 . . . TERMINAL BALLISTICS
 . . . TEST VEHICLES
 . . . TORPEDOES
 . . . TRAJECTORIES
 . . . TRANSPORTATION
 . . . VEHICLES
 . . . WARHEADS
 . . . WEAPON SYSTEMS
 . . . WEAPONS
 . . . WINGED VEHICLES

MISSION PLANNING

GS PLANNING
 . . . MISSION PLANNING
 RT . . . BUDGETING
 . . . CRITICAL PATH METHOD
 . . . ESTIMATING
 . . . FORECASTING
 . . . INTERNATIONAL SOLAR POLAR MISSION
 . . . MANAGEMENT
 . . . MANAGEMENT PLANNING
 . . . MISSIONS

MISSION PLANNING-(CONT.)

. . . OPERATIONS
 . . . OPERATIONS RESEARCH
 . . . PLANS
 . . . PREDICTIONS
 . . . PRELAUNCH SUMMARIES
 . . . PROGRAMS
 . . . PROJECT MANAGEMENT
 . . . SCHEDULING
 . . . MISSIONS
 SN (USE OF A MORE SPECIFIC TERM IS RECOMMENDED-CONSULT THE TERMS LISTED BELOW)
 RT . . . ABORTED MISSIONS
 . . . ASTEROID MISSIONS
 . . . EARTH-VENUS TRAJECTORIES
 . . . EXPEDITIONS
 . . . FLYBY MISSIONS
 . . . GALILEO SPACECRAFT
 . . . GRAND TOURS
 . . . HEAT CAPACITY MAPPING MISSION
 . . . INTERNATIONAL SOLAR POLAR MISSION
 . . . LANDSAT FOLLOW-ON MISSIONS
 . . . LONG DURATION SPACE FLIGHT
 . . . MARINER JUPITER-SATURN FLYBY
 . . . MARINER JUPITER-URANUS FLYBY
 . . . MISSION PLANNING
 . . . PLANNING
 . . . PROGRAMS
 . . . PROJECT PLANNING
 . . . PROJECTS
 . . . SOLAR MAXIMUM MISSION
 . . . SOLAR MAXIMUM MISSION-A
 . . . SPACE FLIGHT
 . . . SPACE MISSIONS
 . . . TARGETS
 . . . VOYAGER 1977 MISSION
 . . . MISSISSIPPI
 GS . . . UNITED STATES OF AMERICA
 . . . MISSISSIPPI
 RT . . . GULF OF MEXICO
 . . . MISSISSIPPI DELTA (LA)
 GS . . . LANDFORMS
 . . . DELTAS
 . . . MISSISSIPPI DELTA (LA)
 RT . . . LOUISIANA
 . . . RIVERS
 . . . MISSISSIPPI RIVER (US)
 GS . . . RIVERS
 . . . MISSISSIPPI RIVER (US)
 RT . . . DRAINAGE PATTERNS
 . . . EARTH RESOURCES
 . . . FLOODS
 . . . RESOURCES
 . . . RIVER BASINS
 . . . MISSOURI
 GS . . . UNITED STATES OF AMERICA
 . . . MISSOURI
 RT . . . MISSOURI RIVER (US)
 . . . ST LOUIS-KANSAS CITY CORRIDOR (MO)
 . . . MISSOURI RIVER (US)
 GS . . . RIVERS
 . . . MISSOURI RIVER (US)
 RT . . . IOWA
 . . . KANSAS
 . . . MISSOURI
 . . . MONTANA
 . . . NEBRASKA
 . . . NORTH DAKOTA
 . . . RIVER BASINS
 . . . SOUTH DAKOTA
 . . . UNITED STATES OF AMERICA
 . . . VALLEYS
 . . . MISSOURI RIVER BASIN (US)
 GS . . . LANDFORMS
 . . . STRUCTURAL BASINS
 . . . RIVER BASINS
 . . . MISSOURI RIVER BASIN (US)
 RT . . . RIVERS
 . . . WATERSHEDS
 MIST
 SN (ATMOSPHERIC WATER)
 GS . . . PARTICLES
 . . . MIST
 RT . . . AEROSOLS

MITOCHONDRIA

MIST-(CONT.)

DISPERSIONS
FOG
FOG DISPERSAL
HAZE
HAZE DETECTION
PRECIPITATION (METEOROLOGY)

MITOCHONDRIA

GS CELLS (BIOLOGY)
. MITOCHONDRIA
PYRIMIDINES
. MITOCHONDRIA
RT CYTOLOGY

MITOSIS

RT CELLS (BIOLOGY)
CHROMOSOMES
CYTOLOGY
CYTOPLASM
MUTATIONS
PHYSIOLOGY
∞ REPRODUCTION

MITRA

RT FUNGI
PLANTS (BOTANY)

MIUS

USE MODULAR INTEGRATED UTILITY SYSTEM

MIXED CRYSTALS

GS CRYSTALS
. MIXED CRYSTALS
RT POWDER METALLURGY
SINTERING

MIXED FLOW

USE MULTIPHASE FLOW

MIXED OXIDES

GS CHALCOGENIDES
. OXIDES
. . METAL OXIDES
. . . MIXED OXIDES
RT NUCLEAR FUELS
PLUTONIUM OXIDES
URANIUM OXIDES

MIXERS

SN (EXCLUDES MIXING CIRCUITS)
RT ADMIXTURES
AERATION
AEROSOLS
AGITATION
BAFFLES
BLOWERS
CARBURETORS
COALESCING
CONTACTORS
∞ DIFFUSERS
∞ DISPERSION
FEEDERS
GRINDING MILLS
MIXING
MIXTURES
PADDLES
PLOWS
PLUNGERS
SEPARATORS
SHAKERS
SPRAYS
STIRRING
TUMBLING MOTION

MIXING

GS MIXING
. COLLOIDING
. COMPOUNDING
. DISSOLVING
. HOMOGENIZING
. LAMINAR MIXING
. PREMIXING
. SIGNAL MIXING
. SUSPENDING (MIXING)
. TURBULENT MIXING
RT AERATION
AGITATION
BLOWING
CHOKES
DIFFUSION
DILUTION
GRINDING (COMMINUTION)
JET MIXING FLOW

MIXING-(CONT.)

LIQUID INJECTION
METAL POWDER
MIXERS
MIXTURES
PREMIXED FLAMES
∞ SEPARATION
SHAKING
SPRAYING
SWIRLING
TANGLING
TRAPPED VORTEXES
TURBULENCE
VORTICES

MIXING CIRCUITS

GS CIRCUITS
. MIXING CIRCUITS
RT FREQUENCY CONVERTERS
FREQUENCY SYNTHESIZERS
HETERODYNING
PREAMPLIFIERS

MIXING LENGTH FLOW THEORY

GS FLOW THEORY
. MIXING LENGTH FLOW THEORY
KINETIC THEORY
. TRANSPORT THEORY
. . MIXING LENGTH FLOW THEORY
RT SHEAR FLOW
TURBULENT FLOW
TURBULENT MIXING
VORTICITY TRANSPORT HYPOTHESIS

MIXTURES

UF BLENDS
GS MIXTURES
. ADMIXTURES
. BINARY MIXTURES
. . BINARY FLUIDS
. . EUTECTICS
. . . EUTECTIC ALLOYS
. . DISPERSIONS
. . COLLOIDS
. . . AEROSOLS
. . . . FOG
. . . COLLOIDAL PROPELLANTS
. . EMULSIONS
. . . PHOTOGRAPHIC EMULSIONS
. . . NUCLEAR EMULSIONS
. . LIQUID-GAS MIXTURES
. . . AEROSOLS
. . . . FOG
. . PLASTISOLS
. . . SMOKE
. . GADOLINIUM ALLOYS
. . METAL MATRIX COMPOSITES
. . BORSIC (TRADENAME)
. . SIALON
. . SLURRIES
. . SOLID SUSPENSIONS
. . SOLUTIONS
. . . AQUEOUS SOLUTIONS
. . . GAS MIXTURES
. . . DETONABLE GAS MIXTURES
. . . PHOTOGRAPHIC EMULSIONS
. . . NUCLEAR EMULSIONS
. . . SOLID SOLUTIONS
RT ALLOYS
AZEOTROPES
∞ COMBINATION
COMPOSITE MATERIALS
COMPOSITION (PROPERTY)
DISSOLVED GASES
EUTECTIC COMPOSITES
FORMULATIONS
GADOLINIUM ALLOYS
INGREDIENTS
MIXERS
MIXING
MONOTECTIC ALLOYS
PASTE (CONSISTENCY)
SOLUBILITY
SYNTECTIC ALLOYS

ML-1 NUCLEAR POWER PLANT

GS ELECTRIC POWER PLANTS
. NUCLEAR POWER PLANTS
. . ML-1 NUCLEAR POWER PLANT
NUCLEAR ELECTRIC POWER
GENERATION
. . NUCLEAR POWER PLANTS
. . . ML-1 NUCLEAR POWER PLANT
RT ∞ POWER PLANTS

NASA THESAURUS (VOLUME 1)

MLA

USE MULTISPECTRAL LINEAR ARRAYS

MMS

USE MULTIMISSION MODULAR SPACECRAFT

MNEMONICS

RT MEMORY
NOMENCLATURES
SYMBOLIC PROGRAMMING
SYMBOLS

MNOS

USE METAL-NITRIDE-OXIDE-SILICON

MOBILE LOUNGES

RT AIRFIELD SURFACE MOVEMENTS
AIRPORTS
GROUND HANDLING
∞ LOUNGES

MOBILE MISSILE LAUNCHERS

GS LAUNCHERS
. MISSILE LAUNCHERS
. . MOBILE MISSILE LAUNCHERS
RT BALLISTIC MISSILE SUBMARINES
MISSILE STORAGE
MISSILE SYSTEMS
WEAPON SYSTEMS

MOBILE QUARANTINE FACILITY

RT AEROSPACE MEDICINE
EVACUATING (TRANSPORTATION)
∞ FACILITIES
MEDICAL EQUIPMENT
MEDICAL SERVICES
PHYSICAL EXAMINATIONS
PHYSIOLOGICAL TESTS

MOBILITY

SN (EXCLUDES CONSIDERATIONS OF
MANNED AND UNMANNED CRAFT)
GS MOBILITY
. ATOMIC MOBILITIES
. ELECTRON MOBILITY
. HOLE MOBILITY
. IONIC MOBILITY
RT ∞ CONDUCTIVITY
DIFFUSIVITY
DRIFT RATE
HALL EFFECT
KINETIC THEORY
PORTABLE EQUIPMENT
TRANSPORT PROPERTIES

MODAL RESPONSE

UF MODE SHAPES
GS RESPONSES
. MODAL RESPONSE
RT DYNAMIC RESPONSE
STROKING TESTS

MODCOMP II COMPUTER

GS DATA PROCESSING EQUIPMENT
. COMPUTERS
. . DIGITAL COMPUTERS
. . . MODCOMP II COMPUTER

MODCOMP IV COMPUTER

GS DATA PROCESSING EQUIPMENT
. COMPUTERS
. . DIGITAL COMPUTERS
. . . MODCOMP IV COMPUTER

∞ MODE

SN (USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)
RT FAILURE MODES
MODE (STATISTICS)
MODES

MODE (STATISTICS)

RT AVERAGE
DISTRIBUTION MOMENTS
FAILURE MODES
MEAN
MEDIAN (STATISTICS)
∞ MODE
MODES
MOMENTS
QUALITY CONTROL

MODE OF VIBRATION

USE VIBRATION MODE

MODE SHAPES

USE MODAL RESPONSE

MODE TRANSFORMERS

GS TRANSDUCERS
 . **MODE TRANSFORMERS**
 TRANSFORMERS
 . **MODE TRANSFORMERS**
 TRANSFORMERS
 RT IMPEDANCE MATCHING
 PROPAGATION MODES
 TRANSMISSION LINES
 VIBRATION MODE
 WAVEGUIDE TUNERS

MODELS

GS **MODELS**
 . AIRCRAFT MODELS
 . ASTRONOMICAL MODELS
 . DENSITY WAVE MODEL
 . STELLAR MODELS
 . ATMOSPHERIC MODELS
 . BREADBOARD MODELS
 . DYNAMIC MODELS
 . REFERENCE ATMOSPHERES
 . ENVIRONMENT MODELS
 . GUTENBERG ZONE
 . HYDROLOGY MODELS
 . LIGHTHILL GAS MODEL
 . MATHEMATICAL MODELS
 . ANALOG SIMULATION
 . BIOLOGICAL MODELS (MATHEMATICS)
 . DIGITAL SIMULATION
 . THOMAS-FERMI MODEL
 . VENEZIANO MODEL
 . NUCLEAR MODELS
 . OCEAN MODELS
 . SCALE MODELS
 . SEMISPAN MODELS
 . SPACECRAFT MODELS
 . VECTOR DOMINANCE MODEL
 . WIND TUNNEL MODELS
 . POWERED MODELS
 RT ANALOGS
 DUMMIES
 LAYOUTS
 PILOT PLANTS
 REPLICAS
 SIMULATORS
 TEST FACILITIES

MODEMS

UF MODULATORS-DEMODULATORS
 GS DEMODULATORS
 . **MODEMS**
 MODULATORS
 . **MODEMS**
 MODULATORS
 RT DATA TRANSMISSION
 PHASE DEMODULATORS
 PHASE MODULATION
 PULSE AMPLITUDE MODULATION
 PULSE COMMUNICATION
 PULSE DURATION MODULATION
 PULSE FREQUENCY MODULATION
 PULSE MODULATION
 PULSE POSITION MODULATION

MODERATION (ENERGY ABSORPTION)

GS ENERGY ABSORPTION
 . **MODERATION (ENERGY ABSORPTION)**
 . THERMALIZATION (ENERGY
 ABSORPTION)
 . . . NEUTRON THERMALIZATION
 RT LIMITERS (FUSION REACTORS)
 MODERATORS

MODERATORS

RT BERYLLIUM
 BLANKETS (FUSION REACTORS)
 GRAPHITE
 HEAVY WATER
 LIMITERS (FUSION REACTORS)
 MODERATION (ENERGY ABSORPTION)
 NEUTRON ABSORBERS
 NUCLEAR REACTORS
 REACTOR MATERIALS
 WATER

MODES

GS **MODES**
 . AXIAL MODES
 . COUPLED MODES
 . FAILURE MODES

MODES-(CONT.)

. LASER MODES
 . MODES (STANDING WAVES)
 . PROPAGATION MODES
 . PUSHBROOM SENSOR MODES
 . VIBRATION MODE
 . UNCOUPLED MODES
 RT ∞ MODE
 MODE (STATISTICS)
 TEARING MODE (PLASMAS)

MODES (STANDING WAVES)

GS MODES
 . **MODES (STANDING WAVES)**
 RT UNCOUPLED MODES
 VIBRATION

MODIFICATION

USE REVISIONS

MODULAR INTEGRATED UTILITY SYSTEM

UF MIUS
 RT AIR CONDITIONING
 COMMUNITIES
 ELECTRIC POWER PLANTS
 HEATING
 POTABLE WATER
 SEWAGE TREATMENT
 UTILITIES
 WASTE DISPOSAL

MODULAR RATIOS

GS MECHANICAL PROPERTIES
 . **MODULAR RATIOS**
 RATIOS
 . **MODULAR RATIOS**
 RT COMPOSITE MATERIALS
 STRESS RATIO
 STRUCTURAL ANALYSIS
 STRUCTURAL ENGINEERING

MODULATED CONTINUOUS RADIATION

GS CONTINUOUS RADIATION
 . **MODULATED CONTINUOUS RADIATION**
 ELECTROMAGNETIC RADIATION
 . **MODULATED CONTINUOUS RADIATION**
 RT COHERENT ELECTROMAGNETIC
 RADIATION
 PHASE DEVIATION

MODULATING RETRODIRECTIVE OPTICS

USE MIROS SYSTEM

MODULATION

UF CARRIER MODULATION
 GS **MODULATION**
 . AMPLITUDE MODULATION
 . FREQUENCY MODULATION
 . . FEEDBACK FREQUENCY MODULATION
 . . FM/PM (MODULATION)
 . . FREQUENCY SHIFT KEYING
 . . PULSE FREQUENCY MODULATION
 . . PULSE FREQUENCY MODULATION
 TELEMETRY
 . INTERMODULATION
 . IONOSPHERIC CROSS MODULATION
 . LIGHT MODULATION
 . MIROS SYSTEM
 . ULTRASONIC LIGHT MODULATION
 . PHASE MODULATION
 . . FM/PM (MODULATION)
 . . PHASE SHIFT KEYING
 . . PULSE MODULATION
 . . PULSE AMPLITUDE MODULATION
 . . PULSE CODE MODULATION
 . . DELTA MODULATION
 . . DIFFERENTIAL PULSE CODE
 MODULATION
 . . PULSE FREQUENCY MODULATION
 . . PULSE FREQUENCY MODULATION
 TELEMETRY
 . . PULSE TIME MODULATION
 . . PULSE DURATION MODULATION
 . . PULSE POSITION MODULATION
 . TRAVELING WAVE MODULATION
 . VELOCITY MODULATION
 RT CARRIER FREQUENCIES
 CARRIER WAVES
 COMPANDING
 CRYSTALLIZATION
 DEMODULATION
 DEMODULATORS
 DOUBLE SIDEBAND TRANSMISSION
 INTERFERENCE FACTOR TABLE
 MODULATORS

MODULATION-(CONT.)

P.A.C.M. TELEMETRY
 RADIO TRANSMISSION
 REMODULATION
 SELECTIVE FADING
 TELECOMMUNICATION
 WAVE INTERACTION

MODULATION TRANSFER FUNCTION

UF MTF
 GS FUNCTIONS (MATHEMATICS)
 . TRANSFER FUNCTIONS
 . . **MODULATION TRANSFER FUNCTION**
 RT FIGURE OF MERIT
 IMAGING TECHNIQUES
 OPTICAL MEASUREMENT
 OPTICAL TRANSFER FUNCTION
 ∞ PERFORMANCE
 SYSTEM EFFECTIVENESS
 SYSTEMS ANALYSIS

MODULATORS

GS **MODULATORS**
 . MODEMS
 RT AMPLIFIERS
 AMPLITUDE MODULATION
 DEMODULATORS
 ELECTRON TUBES
 FREQUENCY MODULATION
 LIGHT MODULATION
 MATCHED FILTERS
 MODULATION
 PHASE MODULATION
 PULSE MODULATION

MODULATORS-DEMODULATORS

USE MODEMS

MODULES

GS **MODULES**
 . AIRLOCK MODULES
 . CHEMICAL RELEASE MODULES
 . COMMAND MODULES
 . COMMAND SERVICE MODULES
 . ELECTRONIC MODULES
 . MICROMODULES
 . LOCAL SCIENTIFIC SURVEY MODULE
 . PAYLOAD ASSIST MODULE
 . POWER MODULES (STS)
 . SERVICE MODULES
 . SPACECRAFT DOCKING MODULES
 . SPACECRAFT MODULES
 . . LANDING MODULES
 . . LUNAR LANDING MODULES
 . . . LUNAR MODULE
 LSSM
 . . . MARS EXCURSION MODULE
 . . . SIM
 RT CIRCUITS
 COMPARTMENTS
 ∞ COMPONENTS
 INSTRUMENT PACKAGES
 SPACE TUGS
 SPARE PARTS

MODULUS OF ELASTICITY

UF COMPLIANCE (ELASTICITY)
 ELASTIC MODULUS
 YOUNG MODULUS
 GS MECHANICAL PROPERTIES
 . ELASTIC PROPERTIES
 . . **MODULUS OF ELASTICITY**
 . . . DYNAMIC MODULUS OF ELASTICITY
 RT ANELASTICITY
 BENDING
 HOOKES LAW
 HYDROELASTICITY
 POISSON RATIO
 PROPORTIONAL LIMIT
 ∞ RIGIDITY
 SHEAR PROPERTIES
 STIFFNESS
 STRESS-STRAIN DIAGRAMS

MOHAWK AIRCRAFT

USE OV-1 AIRCRAFT

MOHR CIRCLES

USE FRACTURE MECHANICS

MOIRE EFFECTS

RT BEAT FREQUENCIES
 BIREFRINGENCE
 DIFFRACTION
 FRINGE MULTIPLICATION

MOIRE FRINGES

MOIRE EFFECTS-(CONT.)

INTERFERENCE GRATING
 ∞ METHODOLOGY
 MOIRE FRINGES
 MOIRE INTERFEROMETRY
 PHOTOELASTIC ANALYSIS
 SCHLIEREN PHOTOGRAPHY

MOIRE FRINGES

RT DIFFRACTION PATTERNS
 FRINGE MULTIPLICATION
 INTERFERENCE GRATING
 MOIRE EFFECTS
 STRESS ANALYSIS
 STRESS CONCENTRATION

MOIRE INTERFEROMETRY

GS INTERFEROMETRY
 . MOIRE INTERFEROMETRY
 RT DIFFRACTION PATTERNS
 HOLOGRAPHIC INTERFEROMETRY
 MOIRE EFFECTS

MOISTURE

GS MOISTURE
 . SOIL MOISTURE
 . HUMIDITY
 RT HYGRAL PROPERTIES
 METEOROLOGICAL PARAMETERS
 METEOROLOGY
 WATER
 WATER VAPOR

MOISTURE CONTENT

UF DAMPNES
 WATER CONTENT
 WETNESS
 GS COMPOSITION (PROPERTY)
 . CONCENTRATION (COMPOSITION)
 . . MOISTURE CONTENT
 . . . ATMOSPHERIC MOISTURE
 RT ATMOSPHERIC COMPOSITION
 CHEMICAL PROPERTIES
 HUMIDITY
 HYDROTHERMAL STRESS ANALYSIS
 HYGROSCOPICITY
 LYSIMETERS
 SOIL MOISTURE
 WATER
 WATER VAPOR

MOISTURE DETECTORS

USE MOISTURE METERS

MOISTURE METERS

UF MOISTURE DETECTORS
 GS MEASURING INSTRUMENTS
 . MOISTURE METERS
 . . HYGROMETERS
 . . . PSYCHROMETERS
 RT CHEMICAL ANALYSIS
 HUMIDITY
 HUMIDITY MEASUREMENT

MOISTURE RESISTANCE

RT CAULKING
 COATINGS
 HYDROTHERMAL STRESS ANALYSIS
 HYGROSCOPICITY
 POROSITY
 SEALING
 WATERPROOFING
 WEATHERPROOFING

MOJAVE DESERT (CA)

GS LAND
 . DESERTS
 . . MOJAVE DESERT (CA)
 RT ARID LANDS
 CALIFORNIA
 REMOTE REGIONS

MOL (ORBITAL LABORATORIES)

USE MANNED ORBITAL LABORATORIES

MOLABS

USE LUNAR MOBILE LABORATORIES

∞ MOLD

SN (USE OF A MORE SPECIFIC TERM IS
 RECOMMENDED--CONSULT THE TERMS
 LISTED BELOW)
 RT FUNGI
 MOLDS

MOLD-(CONT.)

RHIZOPUS
 RUST FUNGI

MOLDAVITE

GS ROCKS
 . IGNEOUS ROCKS
 . . OBSIDIAN
 . . . MOLDAVITE
 RT GLASS
 METEORITES
 SOILS

MOLDING MATERIALS

RT BINDERS (MATERIALS)
 CASTING
 CLAYS
 CORES
 INJECTION MOLDING
 ∞ MATERIALS
 MOLDS
 PLASTERS
 PLASTICS
 SANDS
 TENITE

MOLDS

SN (EXCLUDES ORGANISMS)
 RT ASPERGILLUS
 CASTING
 CASTINGS
 DIES
 FLAT PATTERNS
 FOUNDRIES
 INGOTS
 INJECTION MOLDING
 MANDRELS
 MELTING
 ∞ MOLD
 MOLDING MATERIALS
 ORGANIC MATERIALS
 ∞ PATTERNS
 PREFORMS
 PRESSING (FORMING)
 PUNCHES
 TABLETS
 TEMPLATES

MOLECULAR ABSORPTION

GS ENERGY ABSORPTION
 . MOLECULAR ABSORPTION
 RADIATION ABSORPTION
 . MOLECULAR ABSORPTION
 RT ATMOSPHERIC ATTENUATION
 BEER LAW
 ELECTROMAGNETIC ABSORPTION
 LIGHT TRANSMISSION

MOLECULAR BEAM EPITAXY

GS GROWTH
 . CRYSTAL GROWTH
 . . EPITAXY
 . . . MOLECULAR BEAM EPITAXY

MOLECULAR BEAMS

GS BEAMS (RADIATION)
 . PARTICLE BEAMS
 . . NEUTRAL BEAMS
 . . . MOLECULAR BEAMS
 RT ATOMIC BEAMS
 ATOMIC CLOCKS
 FREE MOLECULAR FLOW
 ION BEAMS
 MOLECULES
 RAREFIED GAS DYNAMICS

MOLECULAR BIOLOGY

GS LIFE SCIENCES
 . MOLECULAR BIOLOGY
 RT BIOCHEMISTRY
 ∞ BIOLOGY
 PHYSIOCHEMISTRY

MOLECULAR BONDS

USE CHEMICAL BONDS

MOLECULAR CHAINS

RT CHAINS
 CRYSTAL LATTICES
 MONOMERS

MOLECULAR CLOUDS

GS CLOUDS
 . MOLECULAR CLOUDS

NASA THESAURUS (VOLUME 1)

MOLECULAR CLOUDS-(CONT.)

RT ASTRONOMICAL MODELS
 COSMIC DUST
 HYDROGEN CLOUDS
 INTERSTELLAR CHEMISTRY
 INTERSTELLAR GAS
 INTERSTELLAR MASERS
 INTERSTELLAR MATTER

MOLECULAR COLLISIONS

GS COLLISIONS
 . MOLECULAR COLLISIONS
 PARTICLE INTERACTIONS
 . MOLECULAR INTERACTIONS
 . . MOLECULAR COLLISIONS
 RT ATOMIC COLLISIONS
 ∞ INTERACTIONS
 PARTICLE COLLISIONS
 RIGID ROTORS (PLASMA PHYSICS)

MOLECULAR DIFFUSION

GS DIFFUSION
 . MOLECULAR DIFFUSION
 RT ATMOSPHERIC DIFFUSION
 DIFFUSION COEFFICIENT
 DIFFUSION WAVES
 DISSOCIATION
 GASEOUS DIFFUSION
 GASEOUS SELF-DIFFUSION
 PARTICLE DIFFUSION
 SELF DIFFUSION (SOLID STATE)
 SURFACE DIFFUSION

MOLECULAR DISSOCIATION

USE DISSOCIATION

MOLECULAR ELECTRONICS

GS ELECTROPHYSICS
 . MOLECULAR ELECTRONICS
 RT DTL INTEGRATED CIRCUITS
 ∞ ELECTRONICS
 INTEGRATED CIRCUITS
 LINEAR INTEGRATED CIRCUITS
 MICROELECTRONICS
 MICROMINIATURIZATION
 MINIATURE ELECTRONIC EQUIPMENT
 MONOMOLECULAR FILMS
 PI-ELECTRONS
 SEMICONDUCTOR DEVICES
 THIN FILMS
 TTL INTEGRATED CIRCUITS

MOLECULAR ENERGY LEVELS

GS LEVEL (QUANTITY)
 . ENERGY LEVELS
 . . MOLECULAR ENERGY LEVELS
 . . . INTERMOLECULAR FORCES
 RT CHEMICAL ENERGY
 ∞ ENERGY
 ENERGY OF FORMATION
 EXCIMERS
 FREE ENERGY
 HEAT OF SOLUTION
 INTERNAL ENERGY
 ∞ NUCLEAR ENERGY

MOLECULAR EXCITATION

GS EXCITATION
 . MOLECULAR EXCITATION
 RT ATOMIC EXCITATIONS
 ENERGY LEVELS
 IONIZATION
 PARTICLE COLLISIONS

MOLECULAR FLOW

SN (FLOW WITH KNUDSEN NUMBERS
 GREATER THAN 0.01--FOR SPECIFIC
 FLOWS IN THIS RANGE USE
 NARROWER TERMS--FOR DUCTED
 MOLECULAR FLOW USE KNUDSEN
 FLOW)
 GS FLUID FLOW
 . GAS FLOW
 . . MOLECULAR FLOW
 . . . SLIP FLOW
 . . . TRANSITION FLOW
 RT BOUNDARY LAYER TRANSITION
 CONTINUUM FLOW
 KNUDSEN FLOW
 LOW DENSITY FLOW
 RAREFIED GAS DYNAMICS
 TRANSPARATION

MOLECULAR GASES

GS GASES

MOLECULAR GASES-(CONT.)

. MOLECULAR GASES
 . . POLAR GASES
 . . . POLYATOMIC GASES
 . . . DIATOMIC GASES
 RT ASSOCIATION REACTIONS
 GAS DYNAMICS
 MONATOMIC GASES
 NONPOLAR GASES
 RAREFIED GASES
 REAL GASES

MOLECULAR INTERACTIONS

GS PARTICLE INTERACTIONS
 . MOLECULAR INTERACTIONS
 . . INTERSTELLAR CHEMISTRY
 . . MOLECULAR COLLISIONS
 RT CONFIGURATION INTERACTION
 DISSOCIATION
 ∞ INTERACTIONS
 INTERMOLECULAR FORCES
 INTERNUCLEAR PROPERTIES
 IONIC REACTIONS
 MASS FLOW
 ∞ MOLECULAR PHYSICS
 TRANSPORT THEORY

MOLECULAR IONS

GS IONS
 . MOLECULAR IONS
 RT ∞ MOLECULAR PHYSICS
 POSITIVE IONS

MOLECULAR ORBITALS

GS ORBITALS
 . MOLECULAR ORBITALS
 WAVE FUNCTIONS
 . MOLECULAR ORBITALS
 RT QUANTUM THEORY
 SELF CONSISTENT FIELDS

MOLECULAR OSCILLATIONS

GS OSCILLATIONS
 . MOLECULAR OSCILLATIONS
 RT ARGON LASERS
 CARBON DIOXIDE LASERS
 CARBON MONOXIDE LASERS
 GAS LASERS

MOLECULAR OSCILLATORS

GS OSCILLATORS
 . MOLECULAR OSCILLATORS
 RT LASERS
 MASERS
 TWO-WAVELENGTH LASERS
 ULTRAVIOLET LASERS

∞ MOLECULAR PHYSICS

SN *(USE OF A MORE SPECIFIC TERM IS
 RECOMMENDED--CONSULT THE TERMS
 LISTED BELOW)*
 RT INTERNUCLEAR PROPERTIES
 MAYER PROBLEM
 MOLECULAR INTERACTIONS
 MOLECULAR IONS
 MONATOMIC MOLECULES

MOLECULAR PUMPS

GS PUMPS
 . VACUUM PUMPS
 . . MOLECULAR PUMPS
 VACUUM APPARATUS
 . VACUUM PUMPS
 . . MOLECULAR PUMPS
 RT PLASMA PUMPING
 PUMP SEALS

MOLECULAR RELAXATION

UF CHEMICAL RELAXATION
 VIBRATIONAL RELAXATION
 RT GAS FLOW
 POPULATION INVERSION
 ∞ RELAXATION
 RELAXATION (MECHANICS)
 RELAXATION TIME
 SHOCK WAVES
 THERMODYNAMICS
 VIBRATION DAMPING
 VIBRATIONAL SPECTRA

MOLECULAR ROTATION

GS GYRATION
 . ROTATION
 . . MOLECULAR ROTATION

MOLECULAR ROTATION-(CONT.)

RT MICROWAVE SPECTRA
 RAMAN SPECTRA
 RIGID ROTORS (PLASMA PHYSICS)

MOLECULAR SHIELDS

RT CONTAMINATION
 HIGH VACUUM
 INSTRUMENT PACKAGES
 SPACEBORNE EXPERIMENTS

MOLECULAR SIEVES

USE ABSORBENTS

MOLECULAR SPECTRA

GS SPECTRA
 . MOLECULAR SPECTRA
 . . ELECTRONIC SPECTRA
 . . RAMAN SPECTRA
 . . VIBRATIONAL SPECTRA
 RT ABSORPTION SPECTRA
 ELECTROMAGNETIC SPECTRA
 EMISSION SPECTRA
 ENERGY SPECTRA
 INFRARED SPECTRA
 MASS SPECTRA
 MICROWAVE SPECTRA
 OXYGEN SPECTRA
 SOLAR SPECTRA
 STELLAR SPECTRA
 SWAN BANDS
 ULTRAVIOLET SPECTRA
 VEGARD-KAPLAN BANDS
 VISIBLE SPECTRUM

MOLECULAR SPECTROSCOPY

GS SPECTROSCOPY
 . MOLECULAR SPECTROSCOPY
 . . RAMAN SPECTROSCOPY
 RT ABSORPTION SPECTRA
 ELECTRON SPECTROSCOPY
 EMISSION SPECTRA
 INFRARED SPECTROSCOPY
 LINE SPECTRA
 MICROWAVE SPECTRA
 OPTOGALVANIC SPECTROSCOPY
 SPECTROSCOPIC ANALYSIS
 ULTRAVIOLET SPECTROSCOPY
 VACUUM SPECTROSCOPY
 X RAY SPECTROSCOPY

MOLECULAR STRUCTURE

RT ATOMIC STRUCTURE
 COMPLEX COMPOUNDS
 CONFIGURATION INTERACTION
 CRYSTAL LATTICES
 INFRARED SPECTROSCOPY
 INTERMOLECULAR FORCES
 INTRAMOLECULAR STRUCTURES
 MOLECULES
 MONATOMIC MOLECULES
 NUCLEAR MAGNETIC RESONANCE
 NUCLEAR MODELS
 ORDER-DISORDER TRANSFORMATIONS
 POLYATOMIC MOLECULES
 POLYMER
 ∞ STRUCTURES
 UNIMOLECULAR STRUCTURES
 WISWESSER NOTATIONS

MOLECULAR THEORY

RT LIGHTHILL GAS MODEL
 ∞ THEORIES

MOLECULAR TRAJECTORIES

GS TRAJECTORIES
 . MOLECULAR TRAJECTORIES
 RT GAS FLOW

MOLECULAR WEIGHT

GS MOLECULAR WEIGHT
 . LOW MOLECULAR WEIGHTS
 RT MOLECULES
 MONATOMIC MOLECULES
 POLYATOMIC MOLECULES
 WEIGHT (MASS)

MOLECULES

UF MACROMOLECULES
 GS MOLECULES
 . DIATOMIC MOLECULES
 . MONATOMIC MOLECULES
 . POLYATOMIC MOLECULES
 . TRIATOMIC MOLECULES

MOLECULES-(CONT.)

RT ATOMS
 CHEMICAL BONDS
 ∞ CHEMICAL COMPOUNDS
 IONS
 LOW MOLECULAR WEIGHTS
 MOLECULAR BEAMS
 MOLECULAR STRUCTURE
 MOLECULAR WEIGHT

MOLES

GS ANIMALS
 . MOLES
 RT NEVUS

MOLIERE FORMULA

USE COSMIC RAY SHOWERS
 SECONDARY COSMIC RAYS
 SPATIAL DISTRIBUTION

MOLLIER DIAGRAM

UF ENTHALPY-ENTROPY DIAGRAMS
 GS CHARTS
 . GRAPHS (CHARTS)
 . . MOLLIER DIAGRAM
 DIAGRAMS
 . MOLLIER DIAGRAM
 RT ENTHALPY
 ENTROPY
 EQUATIONS OF STATE
 IDEAL FLUIDS
 ISENTROPE
 THERMODYNAMICS

MOLLUSKS

GS ANIMALS
 . INVERTEBRATES
 . . ARTHROPODS
 . . . CEPHALOPODS
 . . . MOLLUSKS
 RT SHELLFISHES

MOLNIYA SATELLITES

GS SATELLITES
 . ARTIFICIAL SATELLITES
 . . COMMUNICATION SATELLITES
 . . . MOLNIYA SATELLITES
 . EARTH SATELLITES
 . . COMMUNICATION SATELLITES
 . . . MOLNIYA SATELLITES
 SOVIET SPACECRAFT
 . MOLNIYA SATELLITES
 RT ELECTRIC DISCHARGES
 RADIO RELAY SYSTEMS
 SATELLITE NETWORKS
 TELECOMMUNICATION
 TELEVISION TRANSMISSION
 U.S.S.R. SPACE PROGRAM

MOLTEN SALT ELECTROLYTES

GS CONDUCTORS
 . ELECTROLYTES
 . . MOLTEN SALT ELECTROLYTES

MOLTEN SALT NUCLEAR REACTORS

UF MSRE REACTORS
 GS NUCLEAR REACTORS
 . MOLTEN SALT NUCLEAR REACTORS
 RT ∞ REACTORS

MOLTEN SALTS

RT ∞ COMPOUNDS
 HALIDES
 HALITES
 INORGANIC COMPOUNDS
 NITRIDES
 SALT BATHS
 ∞ SALTS
 SODIUM CHLORIDES

MOLTING

RT PHENOLOGY
 SHEDDING

MOLYBDATES

GS MOLYBDENUM COMPOUNDS
 . MOLYBDATES

MOLYBDENUM

GS CHEMICAL ELEMENTS
 . REFRACTORY METALS
 . . MOLYBDENUM
 METALS
 . TRANSITION METALS

MOLYBDENUM ALLOYS

MOLYBDENUM-(CONT.)

.. REFRACTORY METALS
.. **MOLYBDENUM**
REFRACTORY MATERIALS
.. REFRACTORY METALS
.. **MOLYBDENUM**

MOLYBDENUM ALLOYS

GS ALLOYS
.. HEAT RESISTANT ALLOYS
.. REFRACTORY METAL ALLOYS
.. **MOLYBDENUM ALLOYS**
.. RENE 41
.. RENE 63
.. RENE 77
REFRACTORY MATERIALS
.. REFRACTORY METAL ALLOYS
.. **MOLYBDENUM ALLOYS**
.. RENE 41
.. RENE 63
.. RENE 77
RT HASTELLOY (TRADEMARK)
MULBERRY (ALLOY)
PERMALLOYS (TRADEMARK)
STAINLESS STEELS

MOLYBDENUM CARBIDES

GS CARBON COMPOUNDS
.. CARBIDES
.. **MOLYBDENUM CARBIDES**

MOLYBDENUM COMPOUNDS

GS **MOLYBDENUM COMPOUNDS**
.. LEAD MOLYBDATES
.. MOLYBDATES
.. MOLYBDENUM DISULFIDES
.. MOLYBDENUM OXIDES
RT ∞ GROUP 6B COMPOUNDS
 ∞ METAL COMPOUNDS

MOLYBDENUM DISULFIDES

GS CHALCOGENIDES
.. SULFIDES
.. INORGANIC SULFIDES
.. MOLYBDENUM SULFIDES
.. **MOLYBDENUM DISULFIDES**
MOLYBDENUM COMPOUNDS
.. **MOLYBDENUM DISULFIDES**
SULFUR COMPOUNDS
.. SULFIDES
.. INORGANIC SULFIDES
.. MOLYBDENUM SULFIDES
.. **MOLYBDENUM DISULFIDES**

MOLYBDENUM OXIDES

GS CHALCOGENIDES
.. OXIDES
.. METAL OXIDES
.. **MOLYBDENUM OXIDES**
MOLYBDENUM COMPOUNDS
.. **MOLYBDENUM OXIDES**

MOLYBDENUM SULFIDES

GS CHALCOGENIDES
.. SULFIDES
.. INORGANIC SULFIDES
.. **MOLYBDENUM SULFIDES**
.. MOLYBDENUM DISULFIDES
SULFUR COMPOUNDS
.. SULFIDES
.. INORGANIC SULFIDES
.. **MOLYBDENUM SULFIDES**
.. MOLYBDENUM DISULFIDES

MOM (SEMICONDUCTORS)

UF METAL-OXIDE-METAL SEMICONDUCTORS
GS SEMICONDUCTORS (MATERIALS)
.. **MOM (SEMICONDUCTORS)**
RT ION IMPLANTATION

MOMENT DISTRIBUTION

GS DISTRIBUTION (PROPERTY)
.. **MOMENT DISTRIBUTION**
RT ANGULAR DISTRIBUTION
FORCE DISTRIBUTION
INFLUENCE COEFFICIENT
LOADING MOMENTS
LOADS (FORCES)
MASS DISTRIBUTION
METHOD OF MOMENTS
MOMENTS
MOMENTS OF INERTIA
PRESSURE DISTRIBUTION
STATIC LOADS
STRESS CONCENTRATION

MOMENT DISTRIBUTION-(CONT.)

STRUCTURAL ANALYSIS
STRUCTURAL DESIGN CRITERIA

MOMENTS

GS **MOMENTS**
.. BENDING MOMENTS
.. DIPOLE MOMENTS
.. ELECTRIC MOMENTS
.. MAGNETIC MOMENTS
.. DISTRIBUTION MOMENTS
.. MEAN
.. ORTHOGONALITY
.. STANDARD DEVIATION
.. LOADING MOMENTS
.. MOMENTS OF INERTIA
.. STABILITY DERIVATIVES
.. PITCHING MOMENTS
.. ROLLING MOMENTS
.. YAWING MOMENTS
.. TORQUE
RT METHOD OF MOMENTS
MODE (STATISTICS)
MOMENT DISTRIBUTION
MOMENTUM
SKEWNESS
TORSION
VARIANCE (STATISTICS)

MOMENTS OF INERTIA

UF INERTIA MOMENTS
GS **MOMENTS**
.. **MOMENTS OF INERTIA**
RT ANGULAR MOMENTUM
CENTER OF GRAVITY
CENTER OF PRESSURE
CENTROIDS
EQUATIONS OF MOTION
EULER EQUATIONS OF MOTION
INERTIA
INERTIA PRINCIPLE
MACH INERTIA PRINCIPLE
MASS
MASS DISTRIBUTION
MOMENT DISTRIBUTION
PITCHING MOMENTS
ROLLING MOMENTS
STABILITY DERIVATIVES
STRESS ANALYSIS
STRUCTURAL STRAIN
TORQUE
YAWING MOMENTS

MOMENTUM

GS **MOMENTUM**
.. ANGULAR MOMENTUM
RT CLASSICAL MECHANICS
DE BROGLIE WAVELENGTHS
 ∞ DYNAMICS
MOMENTS
 ∞ MOTION
MOTION AFTEREFFECTS
PENDULUMS
TURNING FLIGHT

MOMENTUM ENERGY

USE KINETIC ENERGY

MOMENTUM THEORY

RT CONSERVATION LAWS
NEWTON SECOND LAW
 ∞ THEORIES

MOMENTUM TRANSFER

RT ∞ DYNAMICS
ENERGY TRANSFER
GAS-LIQUID INTERACTIONS
HYDRODYNAMIC RAM EFFECT
KINETIC THEORY
KINETICS
PRANDTL NUMBER
TRANSFERRING

MONACO

RT EUROPE
NATIONS

MONATOMIC GASES

UF ATOMIC GASES
GS GASES
.. **MONATOMIC GASES**
RT CHAPMAN-ENSKOG THEORY
MOLECULAR GASES
RARE GASES
REAL GASES

NASA THESAURUS (VOLUME 1)

MONATOMIC MOLECULES

GS MOLECULES
.. **MONATOMIC MOLECULES**
RT ATOMS
CHEMICAL BONDS
 ∞ CHEMICAL COMPOUNDS
IONS
 ∞ LOW MOLECULAR WEIGHTS
 ∞ MOLECULAR PHYSICS
MOLECULAR STRUCTURE
MOLECULAR WEIGHT
POSITIVE IONS

MONAURAL SIGNALS

RT AUDIO EQUIPMENT
AUDIO FREQUENCIES
AUDITORY PERCEPTION
AUDITORY SIGNALS
LOUDSPEAKERS
MICROPHONES
SOUND TRANSMISSION

MONAZITE SANDS

GS PHOSPHORUS COMPOUNDS
.. PHOSPHATES
.. **MONAZITE SANDS**
SEDIMENTS
.. SANDS
.. **MONAZITE SANDS**
SOILS
.. SANDS
.. **MONAZITE SANDS**
RT MINERALS
SEDIMENTARY ROCKS

MONEL (TRADEMARK)

GS ALLOYS
.. NICKEL ALLOYS
.. **MONEL (TRADEMARK)**

MONGE-AMPERE EQUATION

GS ALGEBRA
.. NONLINEAR EQUATIONS
.. **MONGE-AMPERE EQUATION**
ANALYSIS (MATHEMATICS)
.. REAL VARIABLES
.. DIFFERENTIAL EQUATIONS
.. PARTIAL DIFFERENTIAL EQUATIONS
.. ELLIPTIC DIFFERENTIAL
EQUATIONS
.. **MONGE-AMPERE EQUATION**
.. NONLINEAR EQUATIONS
.. **MONGE-AMPERE EQUATION**
RT BOUNDARY VALUE PROBLEMS

MONGOLIA

RT ASIA
NATIONS

MONITORS

GS **MONITORS**
.. INFRARED RADIOMETERS
RT AIRCRAFT INSTRUMENTS
ALARM PROJECT
ANALYZERS
CONICAL SCANNING
COUNTERS
DATA RECORDERS
 ∞ DETECTORS
DISPLAY DEVICES
ENVIRONMENTAL MONITORING
GAS DETECTORS
HELMET MOUNTED DISPLAYS
IN-FLIGHT MONITORING
 ∞ INSTRUMENTS
 ∞ MEASUREMENT
MEASURING INSTRUMENTS
OPTICAL SCANNERS
POLLUTION MONITORING
RADIATION MEASURING INSTRUMENTS
SCANNING
WARNING
WARNING SYSTEMS

MONKEYS

GS ANIMALS
.. VERTEBRATES
.. MAMMALS
.. PRIMATES
.. **MONKEYS**
.. CERCOCERUS MONKEYS
.. MANGABEYS

MONOCHROMATIC RADIATION

- SN (LIMITED TO ELECTROMAGNETIC RADIATION)
- GS ELECTROMAGNETIC RADIATION
 - . **MONOCHROMATIC RADIATION**
- RT BEAMS (RADIATION)
 - BRILLOUIN EFFECT
 - COHERENT ELECTROMAGNETIC RADIATION
 - COHERENT LIGHT
 - ∞ FILTERS
 - GAMMA RAYS
 - INFRARED RADIATION
 - IONIZING RADIATION
 - LIGHT (VISIBLE RADIATION)
 - LONG WAVE RADIATION
 - MONOCHROMATIZATION
 - MONOCHROMATORS
 - POLARIZED ELECTROMAGNETIC RADIATION
 - POLARIZED LIGHT
 - RADIO WAVES
 - SHORT WAVE RADIATION
 - ULTRAVIOLET RADIATION
 - X RAYS

MONOCHROMATIZATION

- UF INTERFERENCE MONOCHROMATIZATION
- RT MONOCHROMATIC RADIATION
 - PARTICLE ENERGY
 - POLARIZATION (WAVES)

MONOCHROMATORS

- GS MEASURING INSTRUMENTS
 - . **MONOCHROMATORS**
 - RADIATION SOURCES
 - . **MONOCHROMATORS**
- RT COMPARATORS
 - DUOCHROMATORS
 - GONIOMETERS
 - LIGHT SOURCES
 - MONOCHROMATIC RADIATION
 - OPTICAL EQUIPMENT
 - OPTICAL MEASURING INSTRUMENTS
 - PHOTOGONIOMETERS
 - SPECTROPHOTOMETERS

MONOCOQUE STRUCTURES

- RT ∞ CYLINDERS
 - . SHELLS (STRUCTURAL FORMS)
 - STRESSED-SKIN STRUCTURES
 - ∞ STRUCTURES

MONOCRYSTALS

- USE SINGLE CRYSTALS

MONOCULAR VISION

- GS VISION
 - . **MONOCULAR VISION**
- RT HUMAN FACTORS ENGINEERING
 - MOTION PERCEPTION
 - PERCEPTION
 - SPACE PERCEPTION

MONOETHANOLAMINE (MEA)

- GS ALIPHATIC COMPOUNDS
 - . **MONOETHANOLAMINE (MEA)**
 - AMINES
 - . **MONOETHANOLAMINE (MEA)**

MONOIDS

- GS ALGEBRA
 - . GROUP THEORY
 - . . . HOMOMORPHISMS
 - . . . **MONOIDS**

MONOLITHIC CIRCUITS

- USE INTEGRATED CIRCUITS

MONOMERS

- RT DIBASIC COMPOUNDS
 - DIMERS
 - MOLECULAR CHAINS
 - ∞ POLYMERS
 - PREPOLYMERS
 - TRIMERS

MONOMOLECULAR FILMS

- GS SURFACE LAYERS
 - . **MONOMOLECULAR FILMS**
 - THIN FILMS
 - . **MONOMOLECULAR FILMS**
- RT ENERGY ABSORPTION FILMS
 - ∞ FILMS

MONOMOLECULAR FILMS-(CONT.)

- INTEGRATED OPTICS
- ∞ LAYERS
 - MOLECULAR ELECTRONICS
 - SURFACTANTS
 - THIN LAYER CHROMATOGRAPHY

MONOPLANES

- GS **MONOPLANES**
 - . A-1 AIRCRAFT
 - . A-2 AIRCRAFT
 - . A-3 AIRCRAFT
 - . A-4 AIRCRAFT
 - . A-5 AIRCRAFT
 - . A-6 AIRCRAFT
 - . A-7 AIRCRAFT
 - . A-37 AIRCRAFT
 - . AN-2 AIRCRAFT
 - . AN-22 AIRCRAFT
 - . AN-24 AIRCRAFT
 - . ARGOSY MK-1 AIRCRAFT
 - . AVRO 707 AIRCRAFT
 - . AW 650 AIRCRAFT
 - . B-26 AIRCRAFT
 - . B-47 AIRCRAFT
 - . B-50 AIRCRAFT
 - . B-52 AIRCRAFT
 - . B-57 AIRCRAFT
 - . B-58 AIRCRAFT
 - . B-66 AIRCRAFT
 - . B-70 AIRCRAFT
 - . BAC 111 AIRCRAFT
 - . BEECHCRAFT 18 AIRCRAFT
 - . BEECHCRAFT 95 AIRCRAFT
 - . BOEING 707 AIRCRAFT
 - . BOEING 720 AIRCRAFT
 - . BOEING 733 AIRCRAFT
 - . BOEING 737 AIRCRAFT
 - . BOEING 757 AIRCRAFT
 - . BOEING 767 AIRCRAFT
 - . Bolkow 207 AIRCRAFT
 - . BREQUET 940 AIRCRAFT
 - . BREQUET 941 AIRCRAFT
 - . BREQUET 942 AIRCRAFT
 - . BREQUET 1150 AIRCRAFT
 - . BS-210 AIRCRAFT
 - . BUCCANEER AIRCRAFT
 - . C-2 AIRCRAFT
 - . C-33 AIRCRAFT
 - . C-35 AIRCRAFT
 - . C-46 AIRCRAFT
 - . C-47 AIRCRAFT
 - . C-54 AIRCRAFT
 - . C-97 AIRCRAFT
 - . C-118 AIRCRAFT
 - . C-121 AIRCRAFT
 - . C-123 AIRCRAFT
 - . C-124 AIRCRAFT
 - . C-130 AIRCRAFT
 - . C-131 AIRCRAFT
 - . C-133 AIRCRAFT
 - . C-135 AIRCRAFT
 - . C-140 AIRCRAFT
 - . C-141 AIRCRAFT
 - . C-160 AIRCRAFT
 - . CANBERRA AIRCRAFT
 - . CESSNA L-19 AIRCRAFT
 - . CESSNA 172 AIRCRAFT
 - . CESSNA 205 AIRCRAFT
 - . CESSNA 210 AIRCRAFT
 - . CESSNA 336 AIRCRAFT
 - . CESSNA 402B AIRCRAFT
 - . CL-28 AIRCRAFT
 - . CL-41 AIRCRAFT
 - . CL-44 AIRCRAFT
 - . COMET 4 AIRCRAFT
 - . CV-340 AIRCRAFT
 - . CV-440 AIRCRAFT
 - . CV-880 AIRCRAFT
 - . CV-990 AIRCRAFT
 - . D-558 AIRCRAFT
 - . DC 3 AIRCRAFT
 - . DC 7 AIRCRAFT
 - . DC 8 AIRCRAFT
 - . DH 108 AIRCRAFT
 - . DH 110 AIRCRAFT
 - . DH 112 AIRCRAFT
 - . DH 115 AIRCRAFT
 - . DH 121 AIRCRAFT
 - . DH 125 AIRCRAFT
 - . DHC 2 AIRCRAFT
 - . DHC 4 AIRCRAFT
 - . DHC 5 AIRCRAFT
 - . DINFIA FA AIRCRAFT
 - . DO-27 AIRCRAFT
 - . DO-28 AIRCRAFT

MONOPLANES-(CONT.)

- . DO-31 AIRCRAFT
- . EC-121 AIRCRAFT
- . ELECTRA AIRCRAFT
- . F-2 AIRCRAFT
- . F-5 AIRCRAFT
- . F-8 AIRCRAFT
- . F-9 AIRCRAFT
- . F-17 AIRCRAFT
- . F-27 AIRCRAFT
- . F-28 TRANSPORT AIRCRAFT
- . F-84 AIRCRAFT
- . F-86 AIRCRAFT
- . F-89 AIRCRAFT
- . F-94 AIRCRAFT
- . F-100 AIRCRAFT
- . F-102 AIRCRAFT
- . F-104 AIRCRAFT
- . F-105 AIRCRAFT
- . F-106 AIRCRAFT
- . FD 2 AIRCRAFT
- . G-1 AIRCRAFT
- . G-91 AIRCRAFT
- . G-95/4 AIRCRAFT
- . G-222 AIRCRAFT
- . GA-5 AIRCRAFT
- . GY-80 AIRCRAFT
- . H-126 AIRCRAFT
- . HE-211 AIRCRAFT
- . HFB-320 AIRCRAFT
- . HP-115 AIRCRAFT
- . HS-748 AIRCRAFT
- . IL-14 AIRCRAFT
- . IL-28 AIRCRAFT
- . IL-62 AIRCRAFT
- . JET PROVOST AIRCRAFT
- . JINDIVIK TARGET AIRCRAFT
- . L-29 JET TRAINER
- . L-1649 AIRCRAFT
- . LOCKHEED MODEL 18 AIRCRAFT
- . M-218 AIRCRAFT
- . MH-260 AIRCRAFT
- . MH-262 AIRCRAFT
- . MIRAGE AIRCRAFT
- . MIRAGE 3 AIRCRAFT
- . MYSTERE 20 AIRCRAFT
- . N-2501 AIRCRAFT
- . NORD 1500 AIRCRAFT
- . OV-1 AIRCRAFT
- . OV-10 AIRCRAFT
- . P-3 AIRCRAFT
- . P-16 AIRCRAFT
- . P-51 AIRCRAFT
- . P-166 AIRCRAFT
- . P-308 AIRCRAFT
- . P-1052 AIRCRAFT
- . P-1067 AIRCRAFT
- . P-1127 AIRCRAFT
- . P-1154 AIRCRAFT
- . PD-808 AIRCRAFT
- . PHANTOM AIRCRAFT
- . POTEZ 840 AIRCRAFT
- . PZL M-4 AIRCRAFT
- . RB-50 AIRCRAFT
- . RF-1 AIRCRAFT
- . RF-4 AIRCRAFT
- . S-2 AIRCRAFT
- . SAAB 91 AIRCRAFT
- . SAAB 105 AIRCRAFT
- . SC-1 AIRCRAFT
- . SC-5 AIRCRAFT
- . SC-7 AIRCRAFT
- . SCIMITAR AIRCRAFT
- . SE-210 AIRCRAFT
- . SHACKLETON BOMBER
- . SI-204 AIRCRAFT
- . SIAT 311 AIRCRAFT
- . SUNDERLAND 5 FLYING BOAT
- . T-2 AIRCRAFT
- . T-28 AIRCRAFT
- . T-33 AIRCRAFT
- . T-37 AIRCRAFT
- . T-38 AIRCRAFT
- . T-39 AIRCRAFT
- . TS-11 AIRCRAFT
- . TSR-2 AIRCRAFT
- . TU-104 AIRCRAFT
- . TU-124 AIRCRAFT
- . TU-134 AIRCRAFT
- . U-2 AIRCRAFT
- . U-3 AIRCRAFT
- . U-10 AIRCRAFT
- . VALUANT AIRCRAFT
- . VC-10 AIRCRAFT
- . VICTOR MK-1 AIRCRAFT
- . VISCOUNT AIRCRAFT

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MONOPLANES-(CONT.)

- . VJ-101 AIRCRAFT
- . VZ-3 AIRCRAFT
- . X-1 AIRCRAFT
- . X-2 AIRCRAFT
- . X-3 AIRCRAFT
- . X-5 AIRCRAFT
- . X-13 AIRCRAFT
- . X-14 AIRCRAFT
- . X-21 AIRCRAFT
- . X-21A AIRCRAFT
- . XC-142 AIRCRAFT
- . XV-4 AIRCRAFT
- . XV-5 AIRCRAFT
- . YS-11 AIRCRAFT
- . Z-37 AIRCRAFT
- RT AERODYNAMIC CONFIGURATIONS
 - ∞ AIRCRAFT
 - AIRFOILS
 - BIPLANES
 - CARGO AIRCRAFT
 - GLIDERS
 - ∞ LOW WING AIRCRAFT
 - SEAPLANES
 - TAILLESS AIRCRAFT
 - WATER TAKEOFF AND LANDING AIRCRAFT
 - WING PLANFORMS
 - WING PROFILES
 - ∞ WINGED VEHICLES

MONOPOLE ANTENNAS

- UF SPIKE ANTENNAS
- GS ANTENNAS
 - . OMNIDIRECTIONAL ANTENNAS
 - . MONOPOLE ANTENNAS
 - . . . WHIP ANTENNAS
- RT ANTENNA DESIGN
 - . DIPOLE ANTENNAS
 - . LOOP ANTENNAS
 - . MONOPOLES
 - ∞ SPIKES

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- GS MONOPOLES
 - . MAGNETIC MONOPOLES
- RT ∞ DIPOLES
 - . MONOPOLE ANTENNAS
 - . MULTIPOLES
 - ∞ POLES

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- GS FUELS
 - . LIQUID ROCKET PROPELLANTS
 - . MONOPROPELLANTS
 - . . . AEROZINE
 - . . . LIQUID FUELS
 - LIQUIDS
 - . LIQUID ROCKET PROPELLANTS
 - . MONOPROPELLANTS
 - . . . AEROZINE
 - . . . LIQUID FUELS
 - PROPELLANTS
 - . ROCKET PROPELLANTS
 - . LIQUID ROCKET PROPELLANTS
 - . MONOPROPELLANTS
 - . . . AEROZINE
- RT AIRCRAFT FUELS
 - . CHEMICAL FUELS
 - . GASEOUS ROCKET PROPELLANTS
 - . GELLED ROCKET PROPELLANTS
 - . METAL PROPELLANTS
 - . PLASTIC PROPELLANTS
 - . PROPELLANT DECOMPOSITION
 - . SLURRY PROPELLANTS
 - . SOLID ROCKET PROPELLANTS

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- GS ANTENNAS
 - . MONOPULSE ANTENNAS
- RT DIRECTIONAL ANTENNAS
 - . PHASED ARRAYS
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- GS RADAR
 - . PULSE RADAR
 - . PULSE DOPPLER RADAR
 - . MONOPULSE RADAR
- RT DOPPLER RADAR
 - . DUPLEXERS
 - . RADAR TRACKING
 - . TRACKING RADAR

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- GS ALIPHATIC COMPOUNDS
 - . SUGARS
 - . MONOSACCHARIDES
 - . . . RIBOSE
 - . . . XYLOSE
 - CARBOHYDRATES
 - . SUGARS
 - . MONOSACCHARIDES
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 - . . . XYLOSE

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- GS MICROWAVE EQUIPMENT
 - . MICROWAVE TUBES
 - . MONOSCOPES
 - . TELEVISION EQUIPMENT
 - . MONOSCOPES
- RT CAMERA TUBES
 - . ELECTRON BEAMS
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 - . SECONDARY EMISSION
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MONOSTABLE MULTIVIBRATORS

- GS CIRCUITS
 - . MULTIVIBRATORS
 - . MONOSTABLE MULTIVIBRATORS

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- GS ALLOYS
 - . MONOTECTIC ALLOYS
- RT COMPOSITE MATERIALS
 - ∞ MATRICES
 - . METAL MATRIX COMPOSITES
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 - . MONOTONE FUNCTIONS
- RT ANALYSIS (MATHEMATICS)
 - . CALCULUS
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- RT BOREDOM
 - . LETHARGY
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- GS WIND (METEOROLOGY)
 - . MONSOONS
- RT ANNUAL VARIATIONS
 - . ATMOSPHERIC CIRCULATION
 - . GROUND WIND
 - . PRECIPITATION (METEOROLOGY)
 - . SEA BREEZE

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- GS UNITED STATES OF AMERICA
 - . MONTANA
- RT BIGHORN MOUNTAINS (MT-WY)
 - . MISSOURI RIVER (US)
 - . WILLISTON BASIN (NORTH AMERICA)
 - . YELLOWSTONE NATIONAL PARK (ID-MT-WY)

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- GS ANALYSIS (MATHEMATICS)
 - . NUMERICAL ANALYSIS
 - . MONTE CARLO METHOD
- RT DIFFUSION THEORY
 - . EXPECTANCY HYPOTHESIS
 - . GAME THEORY
 - . MARKOV CHAINS
 - . MATHEMATICAL MODELS
 - ∞ METHODOLOGY
 - . PROBABILITY THEORY
 - . RANDOM PROCESSES
 - . RANDOM WALK
 - . SIMULATION
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 - . STOCHASTIC PROCESSES
 - . TRANSPORT THEORY

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- GS BAYS (TOPOGRAPHIC FEATURES)
 - . MONTEREY BAY (CA)
- RT CALIFORNIA
 - . PACIFIC OCEAN

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- UF LUNATION

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- RT CALENDARS
 - . TIME
 - . UNITS OF MEASUREMENT

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- GS CALCIUM COMPOUNDS
 - . MONTICELLITE
 - . MAGNESIUM COMPOUNDS
 - . MONTICELLITE
 - . MINERALS
 - . MONTICELLITE
 - . SILICON COMPOUNDS
 - . SILICATES
 - . MONTICELLITE
- RT OLIVINE

MONTMORILLONITE

- GS ALUMINUM COMPOUNDS
 - . ALUMINUM SILICATES
 - . MONTMORILLONITE
 - . CLAYS
 - . MONTMORILLONITE
 - . MINERALS
 - . MONTMORILLONITE
 - . SILICON COMPOUNDS
 - . ALUMINUM SILICATES
 - . MONTMORILLONITE
 - . SILICATES
 - . MONTMORILLONITE
- RT BENTONITE

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- RT EMOTIONAL FACTORS
 - . EMOTIONS
 - . PSYCHOLOGICAL EFFECTS
 - . PSYCHOLOGICAL FACTORS
 - . SENSORY FEEDBACK

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- GS CELESTIAL BODIES
 - . NATURAL SATELLITES
 - . MOON
 - . SATELLITES
 - . EARTH SATELLITES
 - . MOON
 - . NATURAL SATELLITES
 - . MOON
- RT EARTH-MOON SYSTEM
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 - . LUNAR COMMUNICATION
 - . LUNAR COMPOSITION
 - . LUNAR CRATERS
 - . LUNAR CRUST
 - . LUNAR DUST
 - . LUNAR ECLIPSES
 - . LUNAR ENVIRONMENT
 - . LUNAR EVOLUTION
 - . LUNAR EXPLORATION
 - . LUNAR FAR SIDE
 - . LUNAR GEOLOGY
 - . LUNAR GRAVITATION
 - . LUNAR LANDING SITES
 - . LUNAR LIMB
 - . LUNAR LUMINESCENCE
 - . LUNAR MAGNETIC FIELDS
 - . LUNAR MAPS
 - . LUNAR OCCULTATION
 - . LUNAR ORBITS
 - . LUNAR PHASES
 - . LUNAR PHOTOGRAPHY
 - . LUNAR RAYS
 - . LUNAR SHADOW
 - . LUNAR SOIL
 - . LUNAR TEMPERATURE
 - . LUNAR TOPOGRAPHY
 - . SELENOGRAPHY
 - . SELENOLOGY

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- GS PSYCHOLOGICAL EFFECTS
 - . ILLUSIONS
 - . MOON ILLUSION
- RT OPTICAL ILLUSION
 - . SENSORY FEEDBACK

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- GS TRAJECTORIES
 - . SPACECRAFT TRAJECTORIES
 - . LUNAR TRAJECTORIES
 - . MOON-EARTH TRAJECTORIES
- RT APOLLO 5 FLIGHT

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 APOLLO 8 FLIGHT
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 APOLLO 11 FLIGHT
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 APOLLO 16 FLIGHT
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GS SEISMOLOGY
 . MOONQUAKES
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UF MOORINGS
 RT AIRPORTS
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 ∞ JOINING
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MOPS (PROPULSION SYSTEMS)

USE MAN OPERATED PROPULSION SYSTEMS

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 . . MOREHOUSE COMET

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MORNING

RT DAYTIME
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MORPHINE

GS DRUGS
 . NARCOTICS
 . . MORPHINE
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 . ALKALOIDS
 . . MORPHINE
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 . . MORPHOLOGICAL INDEXES
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MORPHOLOGY

GS MORPHOLOGY
 . GEOMORPHOLOGY
 . ISOMORPHISM
 . LUNG MORPHOLOGY
 . POLYMORPHISM
 RT ANATOMY
 ∞ BIOLOGY
 DIFFERENTIATION (BIOLOGY)
 GEOLOGY
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 ∞ MATHEMATICS
 MORPHOLOGICAL INDEXES
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RT ∞ CODES
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 RADIO TELEGRAPHY
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RT DIATOMIC MOLECULES
 KINETIC THEORY
 POTENTIAL ENERGY

MORTALITY

RT AGING (BIOLOGY)
 DEATH
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 MILLS RATIO

MORTARS (MATERIAL)

RT ADMIXTURES
 BRICKS
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USE METAL OXIDE SEMICONDUCTORS

MOSAICS

RT ASSEMBLIES
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GS CITIES
 . MOSCOW
 RT U.S.S.R.

MOSFET

USE FIELD EFFECT TRANSISTORS

MOSS (SPACE STATIONS)

USE ORBITAL SPACE STATIONS

MOSSBAUER EFFECT

RT CRYSTAL LATTICES
 ELECTROMAGNETIC ABSORPTION
 FLUORESCENCE
 GAMMA RAYS
 RESONANCE SCATTERING
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MOT (ORBITAL TELESCOPES)

USE MANNED ORBITAL TELESCOPES

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GS ANIMALS
 . INVERTEBRATES
 . . ARTHROPODS
 . . . INSECTS
 MOTHS
 SILKWORMS
 RT BOLLWORMS
 INFESTATION

MOTILITY

USE LOCOMOTION

∞ MOTION

SN (USE OF A MORE SPECIFIC TERM IS
 RECOMMENDED—CONSULT THE TERMS
 LISTED BELOW)
 UF ANIMATION
 MOVEMENT
 RT ACCELERATION (PHYSICS)
 ATTITUDE (INCLINATION)
 BROWNIAN MOVEMENTS
 DISPLACEMENT
 DOMAIN WALL
 GLIDING
 GYRATION
 HARMONIC MOTION
 HEAD MOVEMENT
 HEAVING
 HIGH ACCELERATION
 IMMOBILIZATION
 INERTIA
 ION MOTION
 IONIC MOBILITY
 KINEMATICS
 LIBRATION
 MOMENTUM
 NUTATION
 ORBITS
 OSCILLATIONS
 OSCILLATORS
 PARTICLE MOTION
 PARTICLE TRAJECTORIES
 PITCH (INCLINATION)
 ROTATION
 SACCADIC EYE MOVEMENTS
 SOLAR ORBITS
 SPACECRAFT MOTION
 SPACECRAFT TRAJECTORIES
 STELLAR MOTIONS
 SWARMING
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 TURBULENCE
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 VERTICAL MOTION
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 VIBRATION
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RT EQUATIONS OF MOTION
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MOTION EQUATIONS

USE EQUATIONS OF MOTION

MOTION PERCEPTION

GS PERCEPTION
 . MOTION PERCEPTION
 RT BINOCULAR VISION
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UF CINEFLUOROGRAPHY
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 GS PHOTOGRAPHS
 . MOTION PICTURES
 RT CHRONOPHOTOGRAPHY
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MOTION SICKNESS

UF AIR SICKNESS
 RT ACCELERATION STRESSES
 (PHYSIOLOGY)
 NAUSEA
 VOMITING

MOTION SICKNESS DRUGS

GS DRUGS
 . MOTION SICKNESS DRUGS
 RT PHARMACOLOGY

MOTION SIMULATORS

GS SIMULATORS
 . MOTION SIMULATORS
 RT COMPUTERIZED SIMULATION
 CONTROL SIMULATION
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MOTION STABILITY

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SPACE ENVIRONMENT SIMULATION
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MOTION STABILITY

GS DYNAMIC CHARACTERISTICS
DYNAMIC STABILITY
MOTION STABILITY
AERODYNAMIC STABILITY
AIRCRAFT STABILITY
HOVERING STABILITY
ATTITUDE STABILITY
DIRECTIONAL STABILITY
GYROSCOPIC STABILITY
LATERAL STABILITY
LONGITUDINAL STABILITY
FLOW STABILITY
BOUNDARY LAYER STABILITY
FLAME STABILITY
MAGNETOHYDRODYNAMIC STABILITY
WEIBEL INSTABILITY
LOW SPEED STABILITY
ROTARY STABILITY
GYROSCOPIC STABILITY
SPACECRAFT STABILITY
STABILITY
DYNAMIC STABILITY
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AERODYNAMIC STABILITY
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HOVERING STABILITY
ATTITUDE STABILITY
DIRECTIONAL STABILITY
GYROSCOPIC STABILITY
LATERAL STABILITY
LONGITUDINAL STABILITY
FLOW STABILITY
BOUNDARY LAYER STABILITY
FLAME STABILITY
MAGNETOHYDRODYNAMIC STABILITY
LOW SPEED STABILITY
ROTARY STABILITY
GYROSCOPIC STABILITY
SPACECRAFT STABILITY
RT COMBUSTION STABILITY
CONTROL STABILITY
DYNAMIC TESTS
ROUGHNESS
SEA KEEPING
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STABLE OSCILLATIONS
SURFACE STABILITY

MOTIVATION

GS MOTIVATION
CONTRACT INCENTIVES
RT DRIVES
INCENTIVES
LEARNING
MORALE
REINFORCEMENT (PSYCHOLOGY)
SELF STIMULATION
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USE EFFERENT NERVOUS SYSTEMS

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GS SURFACE VEHICLES
MOTOR VEHICLES
AUTOMATED MIXED TRAFFIC VEHICLES
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ELECTRIC AUTOMOBILES
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CRAWLER TRACTORS
TRACKED VEHICLES
TRUCKS
TANK TRUCKS
RT TRANSPORTATION
VEHICLES

MOTORS

SN (MACHINES SUPPLIED WITH EXTERNAL ENERGY WHICH IS CONVERTED INTO FORCE AND/OR MOTION)
GS MOTORS
ELECTRIC MOTORS
ASYNCHRONOUS MOTORS
INDUCTION MOTORS
MICROMOTORS
STEPPING MOTORS

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SYNCHRONOUS MOTORS
TORQUE MOTORS
SERVOMOTORS
RT APOGEE BOOST MOTORS
ELECTRIC EQUIPMENT
ENERGY CONVERSION EFFICIENCY
ENGINES
GENERATORS
HYDRAULIC EQUIPMENT
STATORS

MOTS (TRACKING SYSTEM)

USE MINITRACK SYSTEM

MOUNTAIN INHABITANTS

GS COMMUNITIES
INHABITANTS
MOUNTAIN INHABITANTS
RT ALTITUDE ACCLIMATIZATION
HIGH ALTITUDE ENVIRONMENTS
LOW TEMPERATURE ENVIRONMENTS

MOUNTAINS

GS LANDFORMS
MOUNTAINS
ADIRONDACK MOUNTAINS (NY)
ALPS MOUNTAINS (EUROPE)
ANDES MOUNTAINS (SOUTH AMERICA)
APPALACHIAN MOUNTAINS (NORTH AMERICA)
BIGHORN MOUNTAINS (MT-WY)
BLACK HILLS (SD-WY)
CARPATHIAN MOUNTAINS (EUROPE)
CASCADE RANGE (CA-OR-WA)
CAUCASUS MOUNTAINS (U.S.S.R.)
COASTAL RANGES (CA)
GREAT SMOKY MOUNTAINS (NC-TN)
HIMALAYAS
PENINSULAR RANGES (CA)
PYRENEES MOUNTAINS (EUROPE)
ROCKY MOUNTAINS (NORTH AMERICA)
SAN JUAN MOUNTAINS (CO)
SIERRA NEVADA MOUNTAINS (CA)
WIND RIVER RANGE (WY)
WRANGELL MOUNTAINS (AK)
RT CENTRAL PIEDMONT (US)
CIRQUES (LANDFORMS)
CONES (VOLCANOES)
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GEOMORPHOLOGY
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PEAKS
PEAKS (LANDFORMS)
PIEDMONTS
PIKE'S PEAK (CO)
RIDGES
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VOLCANOES
VOLCANOLOGY
WATERSHEDS

MOUNTING

GS MOUNTING
RIGID MOUNTING
RT ASSEMBLING
ATTACHMENT
BRACKETS
JOINING
SUSPENDING (HANGING)

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USE SUPPORTS

MOUTH

GS DIGESTIVE SYSTEM
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RT SALIVARY GLANDS
TEETH
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MOVEMENT

USE MOTION

MOVING TARGET INDICATORS

UF MTI RADAR

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MOVING TARGET INDICATORS-(CONT.)

GS RADAR
MOVING TARGET INDICATORS
RT CANCELLATION CIRCUITS
COHERENT RADAR
DOPPLER RADAR
OVER-THE-HORIZON RADAR
RADAR CROSS SECTIONS
RADAR TRACKING
TARGET ACQUISITION

MR-3 FLIGHT

USE MERCURY MR-3 FLIGHT

MRCA AIRCRAFT

UF MULTI-ROLE COMBAT AIRCRAFT
TORNADO AIRCRAFT
RT AIRCRAFT
ATTACK AIRCRAFT
FIGHTER AIRCRAFT
MILITARY AIRCRAFT

MRKOS COMET

GS CELESTIAL BODIES
COMETS
MRKOS COMET

MSAT

RT COMMUNICATION SATELLITES
GROUND STATIONS
LAND MOBILE SATELLITE SERVICE
MARITIME SATELLITES
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RADIO RELAY SYSTEMS
SATELLITE TRANSMISSION

MSBLS

USE MICROWAVE SCANNING BEAM LANDING SYSTEM

MSRE REACTORS

USE MOLTEN SALT NUCLEAR REACTORS

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UF MEAN TIME BETWEEN FAILURES
GS TIME
MTBF
RT DOWNTIME
FAILURE ANALYSIS
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RATES (PER TIME)
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USE MODULATION TRANSFER FUNCTION

MTI RADAR

USE MOVING TARGET INDICATORS

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USE MULTIPLE BEAM INTERVAL SCANNERS

MUCOCELES

GS CYSTS
MUCOCELES
RT BLISTERS

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GS BODY FLUIDS
MUCOUS
RT SALIVA

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GS SEDIMENTS
MUD
SOILS
MUD
RT ALLUVIUM
CLAYS
FANS (LANDFORMS)
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OCEAN BOTTOM
RAIN EROSION
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TIDAL FLATS

MUFFLERS

RT ACOUSTIC RETROFITTING
AIRCRAFT NOISE
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MUFFLERS-(CONT.)

∞ DIFFUSERS
 EXHAUST SYSTEMS
 FURNACES
 JET AIRCRAFT NOISE
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GS ALLOYS
 . **MULBERRY (ALLOY)**
 RT ANTIMONY ALLOYS
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RT ALUMINUM SILICATES
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GS TELECOMMUNICATION
 . **MULTICHANNEL COMMUNICATION**
 RT CODE DIVISION MULTIPLE ACCESS
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MULTICHANNEL PLATES

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MULTIENGINE VEHICLES

RT ∞ AIRCRAFT
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 LAUNCH VEHICLES
 LIGHT TRANSPORT AIRCRAFT
 MISSILE CONFIGURATIONS
 MISSILES
 MULTISTAGE ROCKET VEHICLES
 RECOVERABLE LAUNCH VEHICLES
 ROCKET VEHICLES

MULTILAYER INSULATION

GS INSULATION
 . **MULTILAYER INSULATION**
 INTERLAYERS
 . **MULTILAYER INSULATION**
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 CRYOGENIC FLUID STORAGE
 FABRICS
 ∞ FOILS
 FOILS (MATERIALS)
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 SANDWICH STRUCTURES
 ∞ SHEETS

MULTILAYER STRUCTURES

USE LAMINATES

MULTILOOP SYSTEMS

USE CASCADE CONTROL

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UF MMS
 RT BESS (SATELLITE)
 LANDSAT FOLLOW-ON MISSIONS
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GS RESONATORS
 . **MULTIMODE RESONATORS**
 RT CAVITY RESONATORS
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GS ELECTRIC CURRENT
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 . **MULTIFACTOR DISCHARGES**
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 . ELECTROMAGNETIC WAVE
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 . . . **MULTIPATH TRANSMISSION**
 . SIGNAL TRANSMISSION
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 . **MULTIPHASE FLOW**
 . . TWO PHASE FLOW
 RT CONICAL FLOW
 CRITICAL FLOW
 CROCCO-LEE THEORY
 FLOW DISTORTION
 FLOW MEASUREMENT
 GAS FLOW
 LAMINAR FLOW
 LIQUID FLOW
 MASS FLOW
 ORIFICE FLOW
 PIPE FLOW
 PRESSURE GRADIENTS
 SINGLE-PHASE FLOW
 SOLIDS FLOW
 STEADY FLOW
 STEAM FLOW
 SUBCRITICAL FLOW
 SUPERCRITICAL FLOW
 TURBULENT FLOW
 UNIFORM FLOW
 UNSTEADY FLOW

MULTIPHOTON ABSORPTION

GS ENERGY ABSORPTION
 . ELECTROMAGNETIC ABSORPTION
 . . **MULTIPHOTON ABSORPTION**
 RADIATION ABSORPTION
 . ELECTROMAGNETIC ABSORPTION
 . . **MULTIPHOTON ABSORPTION**
 RT ∞ ABSORPTION
 PHOTON ABSORPTIOMETRY

MULTIPLE ACCESS

GS TELECOMMUNICATION
 . **MULTIPLE ACCESS**
 . . ALOHA SYSTEM
 . . CODE DIVISION MULTIPLE ACCESS
 . . FREQUENCY DIVISION MULTIPLE ACCESS
 . . . TIME DIVISION MULTIPLE ACCESS
 TRANSMISSION
 . SIGNAL TRANSMISSION
 . . DATA TRANSMISSION
 . . . **MULTIPLE ACCESS**
 CODE DIVISION MULTIPLE ACCESS
 FREQUENCY DIVISION MULTIPLE ACCESS
 ACCESS
 RT ACCESS CONTROL
 FREQUENCY DIVISION MULTIPLE ACCESS
 ACCESS
 FREQUENCY DIVISION MULTIPLEXING
 MULTICHANNEL COMMUNICATION
 PACKET SWITCHING
 PULSE COMMUNICATION
 TIME DIVISION MULTIPLE ACCESS
 WIDEBAND COMMUNICATION

MULTIPLE BEAM INTERVAL SCANNERS

UF MUBIS (SCANNERS)
 GS ANTENNAS
 . **MULTIPLE BEAM INTERVAL SCANNERS**
 RT LINEAR ARRAYS
 RADAR SCANNING

MULTIPLE DOCKING ADAPTERS

UF MDA
 GS ADAPTERS
 . **MULTIPLE DOCKING ADAPTERS**
 RT AIRLOCK MODULES
 MOORING

MULTIPLE DOCKING ADAPTERS-(CONT.)

ORBITAL RENDEZVOUS
 SATURN WORKSHOPS
 SATURN 1 WORKSHOP
 SATURN 5 WORKSHOP
 SKYLAB 1
 SKYLAB 2
 SKYLAB 3
 SKYLAB 4
 SPACECRAFT DOCKING

MULTIPLE OUTPUT PROGRAMS

GS COMPUTER PROGRAMS
 . **MULTIPLE OUTPUT PROGRAMS**
 RT MULTIPROGRAMMING
 READOUT
 TIME SHARING

MULTIPLE TARGET TRAJECTORY SYSTEMS

USE MATTS (SYSTEMS)

MULTIPLETS

USE FINE STRUCTURE

MULTIPLEX TRANSMISSION

USE MULTIPLEXING

MULTIPLEXERS

USE MULTIPLEXING

MULTIPLEXING

UF MULTIPLEX TRANSMISSION
 MULTIPLEXERS
 TRANSMISSION
 . **MULTIPLEXING**
 . . CODE DIVISION MULTIPLEXING
 . . FREQUENCY DIVISION MULTIPLEXING
 . . TIME DIVISION MULTIPLEXING
 . . WAVELENGTH DIVISION
 MULTIPLEXING
 RT ACCESS CONTROL
 CARRIER FREQUENCIES
 CODE DIVISION MULTIPLE ACCESS
 DATA TRANSMISSION
 DEMULTIPLEXING
 FREQUENCY DIVISION MULTIPLE ACCESS
 ACCESS
 PULSE COMMUNICATION
 RADIO TRANSMISSION
 SATELLITE TRANSMISSION
 SIGNAL TRANSMISSION

MULTIPLICATION

GS NUMBER THEORY
 . **MULTIPLICATION**
 RT ARITHMETIC
 COMPUTATION
 FRINGE MULTIPLICATION

MULTIPLIER PHOTOTUBES

USE PHOTOMULTIPLIER TUBES

MULTIPLIERS

GS **MULTIPLIERS**
 . CHANNEL MULTIPLIERS
 RT LAGRANGE MULTIPLIERS
 LOGIC CIRCUITS
 PHOTOMULTIPLIER TUBES

MULTIPOLAR FIELDS

RT CONTINUUM MECHANICS
 FIELD THEORY (PHYSICS)
 GRAVITATIONAL FIELDS
 MAGNETIC FIELDS
 MULTIPOLES

MULTIPOLES

RT MONOPOLES
 MULTIPOLAR FIELDS

MULTIPROCESSING (COMPUTERS)

GS DATA PROCESSING
 . **MULTIPROCESSING (COMPUTERS)**
 . . PIPELINING (COMPUTERS)
 RT ASSOCIATIVE PROCESSING
 (COMPUTERS)
 COMPUTERS
 DATA PROCESSING EQUIPMENT
 INTERPROCESSOR COMMUNICATION
 MULTIPROGRAMMING
 PARALLEL PROGRAMMING
 REAL TIME OPERATION
 TIME SHARING

MULTIPROGRAMMING

MULTIPROGRAMMING

- GS COMPUTER PROGRAMMING
 - . MULTIPROGRAMMING
- RT MACHINE-INDEPENDENT PROGRAMS
 - MULTIPLE OUTPUT PROGRAMS
 - MULTIPROCESSING (COMPUTERS)
 - PIPELINING (COMPUTERS)
- ∞ PROGRAMMING
 - TIME SHARING

MULTIPROPELLANTS

- USE ROCKET PROPELLANTS

MULTIRADAR TRACKING

- USE RADAR NETWORKS

MULTISPECTRAL BAND CAMERAS

- GS OPTICAL EQUIPMENT
 - . CAMERAS
 - . MULTISPECTRAL BAND CAMERAS
- PHOTOGRAPHIC EQUIPMENT
 - . CAMERAS
 - . MULTISPECTRAL BAND CAMERAS
- RT INFRARED PHOTOGRAPHY
 - PHOTOGRAPHY

MULTISPECTRAL BAND SCANNERS

- GS MEASURING INSTRUMENTS
 - . OPTICAL MEASURING INSTRUMENTS
 - . OPTICAL SCANNERS
 - . MULTISPECTRAL BAND SCANNERS
- OPTICAL EQUIPMENT
 - . OPTICAL MEASURING INSTRUMENTS
 - . OPTICAL SCANNERS
 - . MULTISPECTRAL BAND SCANNERS
- SCANNERS
 - . OPTICAL SCANNERS
 - . MULTISPECTRAL BAND SCANNERS
- RT EARTH OBSERVATIONS (FROM SPACE)
 - IMAGING TECHNIQUES
 - INFRARED SCANNERS
 - OCEAN COLOR SCANNER
 - PANORAMIC SCANNING
 - PHOTOGRAPHY
 - RADIOMETRIC CORRECTION
 - RADIOMETRIC RESOLUTION
 - SCANNING
 - SPACEBORNE PHOTOGRAPHY
 - SPECTRAL RECONNAISSANCE

MULTISPECTRAL LINEAR ARRAYS

- UF MLA
- GS ELECTRONIC EQUIPMENT
 - . SOLID STATE DEVICES
 - . MULTISPECTRAL LINEAR ARRAYS
- SPACECRAFT INSTRUMENTS
 - . SATELLITE INSTRUMENTS
 - . MULTISPECTRAL LINEAR ARRAYS
- RT ∞ DETECTORS
 - ∞ SENSORS

MULTISPECTRAL PHOTOGRAPHY

- GS PHOTOGRAPHY
 - . MULTISPECTRAL PHOTOGRAPHY
 - . INFRARED PHOTOGRAPHY
 - . COLOR INFRARED PHOTOGRAPHY
 - . RADAR PHOTOGRAPHY
- RT CROP IDENTIFICATION
 - EARTH OBSERVATIONS (FROM SPACE)
 - IMAGE RESOLUTION
 - IMAGERY
 - IMAGING TECHNIQUES
 - I2S CAMERAS
 - SPECTRAL RECONNAISSANCE

MULTISPECTRAL RADAR

- GS RADAR
 - . MULTISPECTRAL RADAR
- RT IMAGERY
 - IMAGING TECHNIQUES
 - SPECTRAL RECONNAISSANCE

MULTISPECTRAL RESOURCE SAMPLER

- GS SATELLITES
 - . ARTIFICIAL SATELLITES
 - . MULTISPECTRAL RESOURCE SAMPLER
- EARTH SATELLITES
 - . MULTISPECTRAL RESOURCE SAMPLER
- RT REMOTE SENSING

MULTISPECTRAL TRACKING TELESCOPES

- GS OPTICAL EQUIPMENT

MULTISPECTRAL TRACKING-(CONT.)

- . ASTRONOMICAL TELESCOPES
- . SPECTROSCOPIC TELESCOPES
- . MULTISPECTRAL TRACKING

TELESCOPES

- . ASTRONOMICAL TELESCOPES
- . SPECTROSCOPIC TELESCOPES
- . MULTISPECTRAL TRACKING

TELESCOPES

- RT OPTICAL MEASURING INSTRUMENTS
- OPTICAL TRACKING
- TRACKING (POSITION)

MULTISTAGE COMPRESSORS

- USE TURBOCOMPRESSORS

MULTISTAGE ROCKET VEHICLES

- GS ROCKET VEHICLES
 - . MULTISTAGE ROCKET VEHICLES
 - . ABLESTAR LAUNCH VEHICLE
 - . ANTARES ROCKET VEHICLE
 - . ARGO ROCKET VEHICLES
 - . ARGO D-4 ROCKET VEHICLE
 - . ARGO D-8 ROCKET VEHICLE
 - . ARGO E-5 ROCKET VEHICLE
 - . ARIANE LAUNCH VEHICLE
 - . ASTROBEE ROCKET VEHICLES
 - . ASTROBEE 200 ROCKET VEHICLE
 - . ASTROBEE 1500 ROCKET VEHICLE
 - . ATHENA ROCKET VEHICLE
 - . ATLAS LAUNCH VEHICLES
 - . ATLAS ABLE 5 LAUNCH VEHICLE
 - . ATLAS AGENA 8 LAUNCH VEHICLE
 - . ATLAS AGENA LAUNCH VEHICLES
 - . ATLAS CENTAUR LAUNCH VEHICLE
 - . ATLAS SLV-3 LAUNCH VEHICLE
 - . BERENICE ROCKET VEHICLE
 - . BLACK KNIGHT ROCKET VEHICLE
 - . BLUE SCOUT JR ROCKET VEHICLE
 - . BLUE SCOUT ROCKET VEHICLE
 - . D-6 ROCKET VEHICLE
 - . DEACON-ARROW ROCKET VEHICLE
 - . DIAMANT LAUNCH VEHICLE
 - . ELDO LAUNCH VEHICLE
 - . EXOS SOUNDING ROCKET
 - . JAGUAR ROCKET VEHICLE
 - . JASON ROCKET VEHICLE
 - . JAVELIN ROCKET VEHICLE
 - . JOURNEYMAN ROCKET VEHICLE
 - . JUNO 1 LAUNCH VEHICLE
 - . JUNO 2 LAUNCH VEHICLE
 - . JUNO 5 LAUNCH VEHICLE
 - . JUPITER C ROCKET VEHICLE
 - . KAPPA ROCKET VEHICLES
 - . KAPPA 6 ROCKET VEHICLE
 - . KAPPA 8 ROCKET VEHICLE
 - . KAPPA 9 ROCKET VEHICLE
 - . LAMBDA ROCKET VEHICLES
 - . LITTLE JOE 2 LAUNCH VEHICLE
 - . NIKE ROCKET VEHICLES
 - . NIKE-APACHE ROCKET VEHICLE
 - . NIKE-ASP ROCKET VEHICLE
 - . NIKE-CAJUN ROCKET VEHICLE
 - . NIKE-HYDAC ROCKET VEHICLE
 - . NIKE-IROQUOIS ROCKET VEHICLE
 - . NIKE-JAVELIN ROCKET VEHICLE
 - . NIKE-TOMAHAWK ROCKET VEHICLE
 - . NOVA LAUNCH VEHICLES
 - . NOVA H LAUNCH VEHICLE
 - . NOVA J LAUNCH VEHICLE
 - . OPD-220 ROCKET VEHICLE
 - . PHOENIX SOUNDING ROCKET
 - . RAM B LAUNCH VEHICLE
 - . RUBIS ROCKET VEHICLE
 - . SATURN LAUNCH VEHICLES
 - . SATURN D LAUNCH VEHICLE
 - . SATURN 1 LAUNCH VEHICLES
 - . SATURN 1 SA-1 LAUNCH VEHICLE
 - . SATURN 1 SA-2 LAUNCH VEHICLE
 - . SATURN 1 SA-3 LAUNCH VEHICLE
 - . SATURN 1 SA-4 LAUNCH VEHICLE
 - . SATURN 1 SA-5 LAUNCH VEHICLE
 - . SATURN 1 SA-6 LAUNCH VEHICLE
 - . SATURN 1 SA-7 LAUNCH VEHICLE
 - . SATURN 1 SA-8 LAUNCH VEHICLE
 - . SATURN 1 SA-9 LAUNCH VEHICLE
 - . SATURN 1 SA-10 LAUNCH VEHICLE
 - . SATURN 1B LAUNCH VEHICLES
 - . SATURN 2 LAUNCH VEHICLES
 - . SATURN 5 LAUNCH VEHICLES
 - . SCOUT LAUNCH VEHICLE
 - . SHOTPUT SOUNDING ROCKETS
 - . SKYLARK ROCKET VEHICLE

MULTISTAGE ROCKET VEHICLES-(CONT.)

- . STANDARD LAUNCH VEHICLE 1B
- . STRONGARM ROCKET VEHICLE
- . THOR LAUNCH VEHICLES
- . THOR ABLE ROCKET VEHICLE
- . THOR AGENA LAUNCH VEHICLE
- . THOR DELTA LAUNCH VEHICLE
- . TITAN LAUNCH VEHICLES
- . TITAN 3 LAUNCH VEHICLE
- . VANGUARD 2 LAUNCH VEHICLE
- . VEGA LAUNCH VEHICLE
- . WASP SOUNDING ROCKET
- RT AIR LAUNCHING
 - EXPENDABLE STAGES (SPACECRAFT)
 - INTERIM STAGES (SPACECRAFT)
 - LAUNCH VEHICLES
 - MINUTEMAN ICBM
 - MULTIENGINE VEHICLES
 - NAVAHO MISSILE
 - PAYLOAD MASS RATIO
 - PERSHING MISSILE
 - PIGGYBACK SYSTEMS
 - POLARIS MISSILES
 - PROPULSIVE EFFICIENCY
 - ROCKET ENGINES
 - SS-11 MISSILE
 - STAGE SEPARATION
 - SUNBLAZER SPACE PROBE
 - TALOS MISSILE
 - TERRIER MISSILE
 - TITAN ICBM
 - TRAILBLAZER 1 REENTRY VEHICLE
 - TRAILBLAZER 2 REENTRY VEHICLE
 - UPPER STAGE ROCKET ENGINES

MULTISTATIC RADAR

- UF BISTATIC RADAR
- GS RADAR
 - . DOPPLER RADAR
 - . MULTISTATIC RADAR
 - . SURVEILLANCE RADAR
 - . MULTISTATIC RADAR
- RT MULTIPATH TRANSMISSION
 - PULSE RADAR
 - RADAR DETECTION
 - TARGET RECOGNITION

MULTIVARIATE STATISTICAL ANALYSIS

- GS STATISTICAL ANALYSIS
 - . VARIANCE (STATISTICS)
 - . MULTIVARIATE STATISTICAL ANALYSIS
 - . BIVARIATE ANALYSIS
 - . COVARIANCE
 - . REGRESSION ANALYSIS
- RT ∞ ANALYZING
 - CORRELATION
 - DISCRIMINANT ANALYSIS (STATISTICS)
 - ∞ VARIANCE

MULTIVIBRATORS

- GS CIRCUITS
 - . MULTIVIBRATORS
 - . FLIP-FLOPS
 - . MONOSTABLE MULTIVIBRATORS
- RT AMPLIFIERS
 - BISTABLE CIRCUITS
 - LOGIC CIRCUITS
 - OSCILLATORS
 - POSITIVE FEEDBACK
 - SWITCHING CIRCUITS
 - TRIGGER CIRCUITS

MUON SPIN ROTATION

- GS GYRATION
 - . ROTATION
 - . MUON SPIN ROTATION
- RT CHARGED PARTICLES
 - HYPERFINE STRUCTURE
 - MUONS
 - PARTICLE DIFFUSION
 - PARTICLE SPIN
 - PRECESSION

MUONIUM

- RT ELECTRONS
 - MESONS

MUONS

- GS PARTICLES
 - . ELEMENTARY PARTICLES
 - . BOSONS
 - . MESONS
 - . MUONS
 - . FERMIONS

MUONS-(CONT.)

... LEPTONS
 ... **MUONS**
 ... HADRONS
 ... MESONS
 ... **MUONS**
 ... NUCLEAR PARTICLES
 ... BOSONS
 ... MESONS
 ... **MUONS**
 RT BARYONS
 CHARGED PARTICLES
 ELECTRON DECAY RATE
 MUON SPIN ROTATION

MURRAY METEORITE

GS CELESTIAL BODIES
 . METEORITES
 . STONY METEORITES
 . CHONDRITES
 . CARBONACEOUS METEORITES
 ... **MURRAY METEORITE**

MUSCLE RELAXANTS

GS DRUGS
 . **MUSCLE RELAXANTS**

MUSCLES

GS **MUSCLES**
 . MYOCARDIUM
 RT ALDOLASE
 ATAXIA
 CONGENERS
 CONVULSIONS
 DIAPHRAGM (ANATOMY)
 ELECTROCARDIOGRAPHY
 FIBRILLATION
 HYPODYNAMIA
 MUSCULAR FATIGUE
 MUSCULAR STRENGTH
 MUSCULAR TONUS
 MYOELECTRIC POTENTIALS
 MYOELECTRICITY
 SPASMS
 TWITCHING

MUSCOVITE

GS ALUMINUM COMPOUNDS
 . **MUSCOVITE**
 CHALCOGENIDES
 . OXIDES
 . SILICON OXIDES
 ... **MUSCOVITE**
 MINERALS
 . MICA
 . **MUSCOVITE**
 SILICON COMPOUNDS
 . SILICON OXIDES
 . **MUSCOVITE**

MUSCULAR FATIGUE

GS FATIGUE (BIOLOGY)
 . **MUSCULAR FATIGUE**
 RT **MUSCLES**
 MUSCULOSKELETAL SYSTEM
 STRESS (PHYSIOLOGY)

MUSCULAR FUNCTION

GS **MUSCULAR FUNCTION**
 . SPASMS
 RT CRAMPS
 ∞ FUNCTIONS
 HYPODYNAMIA
 HYPOKINESIA
 HYPOTONIA
 MECHANOGGRAMS
 TWITCHING

MUSCULAR STRENGTH

RT **MUSCLES**
 MUSCULOSKELETAL SYSTEM
 ∞ STRENGTH

MUSCULAR TONUS

UF TONUS
 GS **MUSCULAR TONUS**
 . HYPOTONIA
 RT EXERCISE PHYSIOLOGY
 MUSCLES

MUSCULOSKELETAL SYSTEM

UF SKELETON
 GS ANATOMY
 . **MUSCULOSKELETAL SYSTEM**

MUSCULOSKELETAL SYSTEM-(CONT.)

... BONES
 ... CARTILAGE
 ... CEREBRUM
 ... FEMUR
 ... MARROW
 ... MASTOIDS
 ... PELVIS
 ... SCAPULA
 ... SCIATIC REGION
 ... SKULL
 ... CRANIUM
 ... INTRACRANIAL CAVITY
 ... STERNUM
 ... TIBIA
 ... ULNA
 ... VERTEBRAE
 ... CHIN
 ... CONNECTIVE TISSUE
 ... CARTILAGE
 ... COLLAGENS
 ... CONGENERS
 ... MARROW
 ... CONSTRICTORS
 ... FLEXORS
 ... JOINTS (ANATOMY)
 ... ELBOW (ANATOMY)
 ... KNEE (ANATOMY)
 ... WRIST
 ... VERTEBRAL COLUMN
 RT EXOSKELETONS
 HYPOKINESIA
 INTERVERTEBRAL DISKS
 MUSCULAR FATIGUE
 MUSCULAR STRENGTH
 SPINE
 STRIATION

MUSEUMS

RT ANTHROPOLOGY
 ARTIFACTS
 ∞ BUILDINGS
 COLLECTION
 HISTORIES
 LIBRARIES

MUSIC

RT ARTS
 OCTAVES

MUSKEGS

GS LANDFORMS
 . **MUSKEGS**
 RT ARCTIC REGIONS
 MARSHLANDS
 SOILS
 TOPOGRAPHY
 WATER

MUSTANG AIRCRAFT

USE P-51 AIRCRAFT

MUTAGENS

RT AIR POLLUTION
 BIOCHEMISTRY
 BIOLOGICAL EVOLUTION
 CELLS (BIOLOGY)
 CHEMICAL ANALYSIS
 GENETICS
 MUTATIONS

MUTATIONS

GS GENETICS
 . **MUTATIONS**
 RT BIOLOGICAL EVOLUTION
 CELLS (BIOLOGY)
 CHROMOSOMES
 MITOSIS
 MUTAGENS
 NUCLEOGENESIS
 RADIATION HAZARDS

MX MISSILE

GS MISSILES
 . SURFACE TO SURFACE MISSILES
 . INTERCONTINENTAL BALLISTIC MISSILES
 ... **MX MISSILE**
 RT MISSILE SILOS

MYELIN

GS NERVOUS SYSTEM
 . **MYELIN**
 RT FATS

MYELIN-(CONT.)

LIPIDS

MYLAR (TRADEMARK)

GS POLYMERIC FILMS
 . **MYLAR (TRADEMARK)**
 RT POLYETHYLENE TEREPHTHALATE
 ∞ POLYMERS

MYOCARDIAL INFARCTION

GS DISEASES
 . INFARCTION
 RT **MYOCARDIAL INFARCTION**
 ARTERIOSCLEROSIS
 BLOOD COAGULATION
 CORONARY ARTERY DISEASE
 HEART DISEASES
 HYPERTENSION
 THROMBOSIS

MYOCARDIUM

GS ANATOMY
 . CARDIOVASCULAR SYSTEM
 . HEART
 ... **MYOCARDIUM**
 MUSCLES
 . **MYOCARDIUM**
 RT ANGINA PECTORIS

MYOELECTRIC POTENTIALS

GS MYOELECTRICITY
 . **MYOELECTRIC POTENTIALS**
 RT MUSCLES
 ∞ POTENTIAL

MYOELECTRICITY

GS **MYOELECTRICITY**
 . MYOELECTRIC POTENTIALS
 RT ELECTROMYOGRAPHY
 MUSCLES

MYOGLOBIN

RT PIGMENTS
 PROTEINS

MYOPIA

GS **MYOPIA**
 . MIOSIS
 RT VISION

MYSTERE 20 AIRCRAFT

UF DASSAULT MYSTERE 20 AIRCRAFT
 GS DASSAULT AIRCRAFT
 . **MYSTERE 20 AIRCRAFT**
 JET AIRCRAFT
 . TURBOFAN AIRCRAFT
 . **MYSTERE 20 AIRCRAFT**
 LIGHT AIRCRAFT
 . **MYSTERE 20 AIRCRAFT**
 MONOPLANES
 . **MYSTERE 20 AIRCRAFT**
 PASSENGER AIRCRAFT
 . **MYSTERE 20 AIRCRAFT**
 TRANSPORT AIRCRAFT
 . **MYSTERE 20 AIRCRAFT**

MYSTERE 50 AIRCRAFT

UF DASSAULT MYSTERE 50 AIRCRAFT
 RT DASSAULT AIRCRAFT
 JET AIRCRAFT
 LIGHT AIRCRAFT
 PASSENGER AIRCRAFT
 TRANSPORT AIRCRAFT
 TURBOFAN AIRCRAFT

N**N ELECTRONS**

GS PARTICLES
 . CHARGED PARTICLES
 . ENERGETIC PARTICLES
 ... ELECTRONS
 ... **N ELECTRONS**
 RT BETA PARTICLES

N-N JUNCTIONS

GS SEMICONDUCTOR JUNCTIONS
 . **N-N JUNCTIONS**

N-P JUNCTIONS

USE P-N JUNCTIONS

N-P-N JUNCTIONS

N-P-N JUNCTIONS

GS SEMICONDUCTOR JUNCTIONS
 . N-P-N JUNCTIONS
 RT BIPOLAR TRANSISTORS

N-TYPE SEMICONDUCTORS

GS SEMICONDUCTORS (MATERIALS)
 . N-TYPE SEMICONDUCTORS
 RT ELECTRONS
 SCHOTTKY DIODES
 SEMICONDUCTOR JUNCTIONS
 SUHL EFFECT

N-156 AIRCRAFT

USE F-5 AIRCRAFT

N-2501 AIRCRAFT

UF NORD N-2501 AIRCRAFT
 NORD N-2508 AIRCRAFT
 GS MONOPLANES
 . N-2501 AIRCRAFT
 NORD AIRCRAFT
 . N-2501 AIRCRAFT
 TRANSPORT AIRCRAFT
 . N-2501 AIRCRAFT
 RT CARGO AIRCRAFT
 PASSENGER AIRCRAFT

NA-300 AIRCRAFT

USE OV-10 AIRCRAFT

NAC-60 AIRCRAFT

UF NORTH AMERICAN NAC-60 AIRCRAFT
 GS SUPERSONIC AIRCRAFT
 . SUPERSONIC TRANSPORTS
 . . NAC-60 AIRCRAFT
 TRANSPORT AIRCRAFT
 . NAC-60 AIRCRAFT
 RT AIRCRAFT DESIGN

NACELLES

RT AERODYNAMIC CONFIGURATIONS
 AIR INTAKES
 AIRFRAMES
 COWLINGS
 DUCTED BODIES
 ENGINE INLETS
 EXTERNAL STORE SEPARATION
 EXTERNAL STORES
 EXTERNAL TANKS
 FAIRINGS
 HOUSINGS
 NOSE INLETS
 PERFORATED SHELLS
 PODS (EXTERNAL STORES)
 PROTUBERANCES
 SHELLS (STRUCTURAL FORMS)
 WING-FUSELAGE STORES

NAKED SINGULARITIES

GS ANALYSIS (MATHEMATICS)
 . COMPLEX VARIABLES
 . . SINGULARITY (MATHEMATICS)
 . . . NAKED SINGULARITIES
 RT ASTROPHYSICS
 BLACK HOLES (ASTRONOMY)
 COSMOLOGY
 GRAVITATIONAL COLLAPSE
 POINTS (MATHEMATICS)
 RELATIVITY
 SPACE-TIME FUNCTIONS
 THEORETICAL PHYSICS
 WHITE HOLES (ASTRONOMY)

NAMC AIRCRAFT

USE NIHON AIRCRAFT

NAMIBIA

UF SOUTH WEST AFRICA
 RT AFRICA
 NATIONS
 REPUBLIC OF SOUTH AFRICA

NAMING

GS NAMING
 . NORMS
 RT SPECIFICATIONS
 STANDARDIZATION

NAP-OF-THE-EARTH NAVIGATION

UF NOE NAVIGATION
 GS NAVIGATION
 . AIR NAVIGATION
 . . NAP-OF-THE-EARTH NAVIGATION

NAP-OF-THE-EARTH NAVIGATION-(CONT.)

RT HELICOPTERS
 IMAGE PROCESSING
 LOW ALTITUDE
 NIGHT FLIGHTS (AIRCRAFT)
 NIGHT VISION
 TARGET RECOGNITION
 TERRAIN ANALYSIS
 TERRAIN FOLLOWING AIRCRAFT

NAPHTHALENE

GS HYDROCARBONS
 . NAPHTHALENE

NAPHTHENES

GS ALIPHATIC COMPOUNDS
 . CYCLIC HYDROCARBONS
 . . NAPHTHENES
 HYDROCARBONS
 . CYCLIC HYDROCARBONS
 . . NAPHTHENES

NAPPES

USE FOLDS (GEOLOGY)

NARCOLEPSY

GS DISEASES
 . NARCOLEPSY

NARCOSIS

GS UNCONSCIOUSNESS
 . NARCOSIS
 RT ∞ POISONING

NARCOTICS

GS DRUGS
 . NARCOTICS
 . . MORPHINE
 RT PENTOBARBITAL
 PHENOBARBITAL
 PSYCHOTROPIC DRUGS

NASA COMMUNICATION NETWORK

USE NASCOM NETWORK

NASA END-TO-END DATA SYSTEM

USE NEEDS (DATA SYSTEM)

NASA INTERACTIVE PLANNING SYSTEM

UF NIPS (SYSTEM)
 RT COMPUTER PROGRAMS
 EARTH RESOURCES
 MANAGEMENT METHODS
 NASA PROGRAMS
 PROJECT PLANNING
 RESOURCE ALLOCATION
 RESOURCES MANAGEMENT
 ∞ SYSTEMS

NASA OSTA PAYLOAD

USE OSTA-1 PAYLOAD

NASA PROGRAMS

GS PROGRAMS
 . NASA PROGRAMS
 . . APOLLO APPLICATIONS PROGRAM
 . . APOLLO PROJECT
 . . ASSESS PROGRAM
 . . ATLIT PROJECT
 . . BIOASTRONAUTICAL ORBITAL SPACE
 SYSTEM
 . . CENTAUR PROJECT
 . . EARTH & OCEAN PHYSICS
 APPLICATIONS PROGRAM
 . . EARTH RESOURCES PROGRAM
 . . . SEASAT PROGRAM
 . . EARTH RESOURCES SURVEY
 PROGRAM
 . . . SEASAT PROGRAM
 . . ECHO PROJECT
 . . GALILEO PROJECT
 . . GEMINI PROJECT
 . . GLOBAL ATMOSPHERIC RESEARCH
 PROGRAM
 . . . GARP ATLANTIC TROPICAL
 EXPERIMENT
 . . HELIOS PROJECT
 . . JUPITER PROJECT
 . . MARINER PROGRAM
 . . MARS 69 PROJECT
 . . MARS 71 PROJECT
 . . MERCURY PROJECT
 . . NATIONAL LAUNCH VEHICLE
 PROGRAM

NASA THESAURUS (VOLUME 1)

NASA PROGRAMS-(CONT.)

. . NEW MOONS PROJECT
 . . NIMBUS PROJECT
 . . QUIET ENGINE PROGRAM
 . . RANGER PROJECT
 . . . AGENA B RANGER PROGRAM
 . . HOVER PROJECT
 . . SAIL PROJECT
 . . SATURN PROJECT
 . . SCOUT PROJECT
 . . SKYLAB PROGRAM
 . . SUPERSONIC CRUISE AIRCRAFT
 RESEARCH
 . . SURVEYOR PROJECT
 . . SYNCHRONOUS COMMUNICATIONS
 SATELLITE PROJ
 . . TACT PROGRAM
 . . TEKITE PROJECT
 . . TERMINAL CONFIGURED VEHICLE
 PROGRAM
 . . TILT ROTOR RESEARCH AIRCRAFT
 PROGRAM
 . . TIROS PROJECT
 . . TITAN PROJECT
 . . VANGUARD PROJECT
 RT AGRISTARS PROJECT
 APOLLO EXTENSION SYSTEM
 AZUR SATELLITE
 CANADIAN SPACE PROGRAMS
 COMMITTEE ON SPACE RESEARCH
 COMMUNICATIONS TECHNOLOGY
 SATELLITE
 DELAYED FLAP APPROACH
 EARTH RESOURCES INFORMATION
 SYSTEM
 GEOGRAPHIC APPLICATIONS PROGRAM
 GRANTS
 LANDSAT SATELLITES
 LEASING
 NASA INTERACTIVE PLANNING SYSTEM
 NOESS
 OSS-1 PAYLOAD
 PAYLOAD DEPLOYMENT & RETRIEVAL
 SYSTEM
 QUESTOL
 ∞ RESEARCH PROJECTS
 ROTOR SYSTEMS RESEARCH AIRCRAFT
 SEASAT SATELLITES
 SEASAT-A SATELLITE
 SEASAT-B SATELLITE
 SINGLE STAGE TO ORBIT VEHICLES
 SPACE PROGRAMS
 SPACE TRANSPORTATION SYSTEM
 SPACELAB
 STARSITE PROGRAM
 STORMSAT SATELLITE
 SYNCHRONOUS EARTH OBSERVATORY
 SATELLITE
 TECHNOLOGY UTILIZATION
 UHURU SATELLITE
 UNIVERSITY PROGRAM
 VIKING LANDER SPACECRAFT
 VIKING LANDER 1
 VIKING LANDER 2
 VIKING ORBITER SPACECRAFT
 VIKING ORBITER 1
 VIKING ORBITER 2
 VIKING ORBITER 1975
 VIKING 1 SPACECRAFT
 VIKING 2 SPACECRAFT

NASA STRUCTURAL ANALYSIS PROGRAM

USE NASTRAN

NASARR

USE NORTH AMERICAN SEARCH AND
 RANGING RADAR

NASCOM NETWORK

UF NASA COMMUNICATION NETWORK
 GS COMMUNICATING
 . POINT TO POINT COMMUNICATION
 . . NASCOM NETWORK
 COMMUNICATION NETWORKS
 . . NASCOM NETWORK
 RT FLEET SATELLITE COMMUNICATION
 SYSTEM
 GLOBAL TRACKING NETWORK
 ∞ NETWORKS
 RADIO COMMUNICATION
 TELECOMMUNICATION

NASTRAN

UF NASA STRUCTURAL ANALYSIS
 PROGRAM

NASA THESAURUS (VOLUME 1)

NATURAL LASERS

NASTRAN-(CONT.)

GS COMPUTER PROGRAMS
 . NASTRAN
 RT BENDING MOMENTS
 COMPUTER TECHNIQUES
 DYNAMIC LOADS
 FINITE ELEMENT METHOD
 MATRIX METHODS
 STRESS ANALYSIS
 STRUCTURAL ANALYSIS

NATIONAL AIRSPACE UTILIZATION SYSTEM

RT AIR LAW
 AIR NAVIGATION
 AIR TRAFFIC
 AIR TRAFFIC CONTROL
 AIRCRAFT APPROACH SPACING
 AIRSPACE
 COLLISION AVOIDANCE
 FLIGHT PATHS
 FLIGHT PLANS
 FLIGHT RULES
 ∞ SYSTEMS

NATIONAL AVIATION SYSTEM

RT AIR TRAFFIC
 AIR TRAFFIC CONTROL
 AIR TRANSPORTATION
 AIRCRAFT APPROACH SPACING
 FLIGHT RULES
 LANDING AIDS
 TRAFFIC CONTROL

NATIONAL LAUNCH VEHICLE PROGRAM

GS PROGRAMS
 . NASA PROGRAMS
 . . NATIONAL LAUNCH VEHICLE PROGRAM
 RT LAUNCH VEHICLES
 LAUNCHERS
 LAUNCHING
 LAUNCHING SITES
 SPACE PROGRAMS

NATIONAL OCEANIC SATELLITE SYSTEM

RT ARTIFICIAL SATELLITES
 EARTH SATELLITES
 MARITIME SATELLITES
 SATELLITES
 ∞ SYSTEMS

NATIONAL OPERATIONAL ENVIRONMENTAL SAT SYS

USE NOESS

NATIONAL PARKS

GS LAND
 . PARKS
 . . NATIONAL PARKS
 . . . YELLOWSTONE NATIONAL PARK
 (ID-MT-WY)

NATIONAL SEVERE STORMS PROJECT

RT METEOROLOGY
 TORNADOES
 WARNING SYSTEMS

NATIONS

GS NATIONS
 . DEVELOPING NATIONS
 RT AFGHANISTAN
 AFRICA
 ALBANIA
 ALGERIA
 ANDORRA
 ANGOLA
 ARGENTINA
 ASIA
 AUSTRALIA
 AUSTRIA
 BAHRAIN
 BANGLADESH
 BARBADOS
 BELGIUM
 BELIZE
 BOLIVIA
 BOTSWANA
 BRAZIL
 BRUNEI
 BULGARIA
 BURMA
 BURUNDI
 CAMBODIA
 CAMEROON
 CANADA

NATIONS-(CONT.)

CAPE VERDE
 CENTRAL AFRICAN REPUBLIC
 CEYLON
 CHAD
 CHILE
 CHINA (MAINLAND)
 CHINA (TAIWAN)
 CITIES
 COLOMBIA
 COMMUNITIES
 CONGO (BRAZZAVILLE)
 COSTA RICA
 CUBA
 CYPRUS
 CZECHOSLOVAKIA
 DAHOMEY
 DEMOGRAPHY
 DENMARK
 DOMINICA
 DOMINICAN REPUBLIC
 EAST GERMANY
 ECUADOR
 EGYPT
 EL SALVADOR
 ESTONIA
 ETHIOPIA
 EUROPE
 FEDERATIONS
 FINLAND
 FRANCE
 FRENCH GUIANA
 GABON
 GAMBIA
 GHANA
 GREECE
 GUADELOUPE
 GUATEMALA
 GUINEA
 GUYANA
 HAITI
 HONDURAS
 HONG KONG
 HUNGARY
 ICELAND
 INDIA
 INTERNATIONAL LAW
 IRAN
 IRAQ
 IRELAND
 ISRAEL
 ITALY
 IVORY COAST
 JAMAICA
 JAPAN
 JORDAN
 KENYA
 KUWAIT
 LAOS
 LATVIA
 LEBANON
 LESOTHO
 LIBERIA
 LIBYA
 LIECHTENSTEIN
 LITHUANIA
 LUXEMBOURG
 MALAGASY REPUBLIC
 MALAWI
 MALAYA
 MALDIVE ISLANDS
 MALI
 MARTINIQUE
 MAURITANIA
 MEXICO
 MINORITIES
 MONACO
 MONGOLIA
 MOROCCO
 NAMIBIA
 NEPAL
 NETHERLANDS
 NEW ZEALAND
 NICARAGUA
 NIGER
 NIGERIA
 NORTH KOREA
 NORWAY
 OMAN
 PAKISTAN
 PANAMA
 PARAGUAY
 PERU
 POLAND
 POLITICS
 PORTUGAL

NATIONS-(CONT.)

REGIMES
 REPUBLIC OF SOUTH AFRICA
 RUMANIA
 RWANDA
 SAN MARINO
 SAUDI ARABIA
 SENEGAL
 SIERRA LEONE
 SIKKIM
 SINGAPORE
 SOMALIA
 SOUTH KOREA
 SOUTHERN YEMEN
 SPAIN
 SPANISH SAHARA
 SUDAN
 SURINAM
 SWAZILAND
 SWEDEN
 SWITZERLAND
 SYRIA
 TANZANIA
 THAILAND
 TIBET
 TOGO
 TRINIDAD AND TOBAGO
 TUNISIA
 TURKEY
 U.S.S.R.
 UGANDA
 UNITED ARAB EMIRATES
 UNITED KINGDOM
 UNITED NATIONS
 UNITED STATES OF AMERICA
 UPPER VOLTA
 URUGUAY
 VENEZUELA
 VIETNAM
 WEST GERMANY
 YEMEN
 YUGOSLAVIA
 ZAIRE
 ZAMBIA
 ZIMBABWE

NATO 3B SATELLITE

GS SATELLITES
 . ARTIFICIAL SATELLITES
 . . COMMUNICATION SATELLITES
 . . . COMMUNICATIONS TECHNOLOGY SATELLITE
 NATO 3B SATELLITE
 . EARTH SATELLITES
 . . COMMUNICATION SATELLITES
 . . . COMMUNICATIONS TECHNOLOGY SATELLITE
 NATO 3B SATELLITE

NATURAL FREQUENCIES

USE RESONANT FREQUENCIES

NATURAL GAS

GS GASES
 . NATURAL GAS
 . . LIQUEFIED NATURAL GAS
 HYDROCARBONS
 . NATURAL GAS
 . . LIQUEFIED NATURAL GAS
 RT HYDROCARBON FUELS
 METHANE
 NATURAL GAS EXPLORATION
 OIL FIELDS

NATURAL GAS EXPLORATION

RT DRILLING
 METHANE
 NATURAL GAS
 OIL EXPLORATION
 PHOTO GEOLOGY

NATURAL LANGUAGE (COMPUTERS)

GS LANGUAGES
 . PROGRAMMING LANGUAGES
 . . NATURAL LANGUAGE (COMPUTERS)
 RT COMPUTER PROGRAMMING
 CONTEXT
 DATA PROCESSING

NATURAL LASERS

USE LASERS

NATURAL SATELLITES

NATURAL SATELLITES

- SN (EXCLUDES PLANETS)
- UF PLANETARY SATELLITES
- GS CELESTIAL BODIES
 - . NATURAL SATELLITES
 - . . CHARON
 - . . DEIMOS
 - . . GALILEAN SATELLITES
 - . . . CALLISTO
 - . . . EUROPA
 - . . . GANYMEDE
 - . . . IO
 - . . IAPETUS
 - . . MOON
 - . . PHOBOS
 - . . RHEA (ASTRONOMY)
 - . . TITAN
 - . . TRITON
- SATELLITES
- . NATURAL SATELLITES
- . . AMALTHEA
- . . CHARON
- . . DEIMOS
- . . GALILEAN SATELLITES
- . . . CALLISTO
- . . . GANYMEDE
- . . MOON
- . . SATURN SATELLITES
- . . . DIONE
- . . . ENCELADUS
- . . . HYPERION
- . . IAPETUS
- . . JANUS
- . . MIMAS
- . . PHOBOS
- . . RHEA (ASTRONOMY)
- . . TETHYS
- . . TITAN
- . . TRITON
- RT ARTIFICIAL SATELLITES
- CYRILLID METEORIODS
- EARTH SATELLITES
- EARTH-MOON SYSTEM
- METEORIODS
- PLANETS
- ROCHE LIMIT
- SATELLITE ATMOSPHERES
- SATELLITE SURFACES
- SATURN RINGS
- SOLAR SYSTEM
- TEKTITES
- URANUS RINGS
- NAUSEA
- RT ANTIEMETICS AND ANTINAUSEANTS
- MOTION SICKNESS
- VOMITING

NAUTICAL CHARTS

- GS CHARTS
 - . NAUTICAL CHARTS
- RT NAVIGATION AIDS
- NAVIGATION SATELLITES
- SURFACE NAVIGATION

NAVAHO MISSILE

- GS MISSILES
 - . RAMJET MISSILES
 - . . NAVAHO MISSILE
 - . . SURFACE TO SURFACE MISSILES
 - . . CRUISE MISSILES
 - . . NAVAHO MISSILE
- RT LIQUID PROPELLANT ROCKET ENGINES
- MULTISTAGE ROCKET VEHICLES
- RAMJET ENGINES

NAVIER-STOKES EQUATION

- GS EQUATIONS OF MOTION
- . NAVIER-STOKES EQUATION
- RT BURGER EQUATION
- COMPUTATIONAL FLUID DYNAMICS
- ∞ EQUATIONS
- FLOW THEORY
- INCOMPRESSIBLE FLOW
- INCOMPRESSIBLE FLUIDS
- MILNE-THOMSON METHOD
- NEWTONIAN FLUIDS
- OSEEN APPROXIMATION
- REYNOLDS EQUATION
- REYNOLDS STRESS
- VISCOUS FLOW
- VISCOUS FLUIDS

NAVIGATION

- GS NAVIGATION

NAVIGATION-(CONT.)

- . AIR NAVIGATION
- . . ALL-WEATHER AIR NAVIGATION
- . . AREA NAVIGATION
- . . NAP-OF-THE-EARTH NAVIGATION
- . . CELESTIAL NAVIGATION
- . . ASTROGUIDE NAVIGATION SYSTEM
- . . ASTRONAVIGATION
- . . DEAD RECKONING
- . . DIGITAL NAVIGATION
- . . DOPPLER NAVIGATION
- . . HYBRID NAVIGATION SYSTEMS
- . . INERTIAL NAVIGATION
- . . ASTROGUIDE NAVIGATION SYSTEM
- . . GIMBALLESS INERTIAL NAVIGATION
- . . OMEGA NAVIGATION SYSTEM
- . . POLAR NAVIGATION
- . . RADAR NAVIGATION
- . . RADIO NAVIGATION
- . . HYPERBOLIC NAVIGATION
- . . DECCA NAVIGATION
- . . LORAC NAVIGATION SYSTEM
- . . LORAN
- . . . LORAN C
- . . . LORAN D
- . . SHORAN
- . . TACAN
- . . VHF OMNIRANGE NAVIGATION
- . . SPACE NAVIGATION
- . . INTERPLANETARY NAVIGATION
- . . SURFACE NAVIGATION
- RT AUTOMATIC FLIGHT CONTROL
- AZIMUTH
- BAY ICE
- DECLINATION
- DISTANCE MEASURING EQUIPMENT
- ∞ FIXING
- FLIGHT CONTROL
- FLIGHT PATHS
- GLOBAL POSITIONING SYSTEM
- GUIDANCE (MOTION)
- GYROSCOPIC COUPLING
- HOMING DEVICES
- LATITUDE MEASUREMENT
- LOCOMOTION
- LONGITUDE MEASUREMENT
- ORBITAL POSITION ESTIMATION
- PLOTTING
- POSITION (LOCATION)
- POSITION ERRORS
- POSITIONING
- STAR TRACKERS
- STATIONKEEPING
- ∞ SYSTEMS
- TRIANGULATION

NAVIGATION AIDS

- GS NAVIGATION AIDS
 - . BEACONS
 - . . AIRPORT BEACONS
 - . . . DISCRETE ADDRESS BEACON
 - . . . SYSTEM
 - . . RADAR BEACONS
 - . . . DISCRETE ADDRESS BEACON
 - . . . SYSTEM
 - . . RADIO BEACONS
 - . . . OMNIDIRECTIONAL RADIO RANGES
 - . . . SELF CALIBRATING OMNIRANGE
 - . . RADIO DIRECTION FINDERS
 - . . LASER ALTIMETERS
 - . . LIGHT AIRBORNE MULTIPURPOSE
 - . . . SYSTEM
 - . . MICROWAVE SCANNING BEAM
 - . . LANDING SYSTEM
 - . . NAVIGATION INSTRUMENTS
 - . . COMPASSES
 - . . . GYROCOMPASSES
 - . . . MAGNETIC COMPASSES
 - . . . SOLAR COMPASSES
 - . . RADIO DIRECTION FINDERS
 - . . TERCOM
- RT ACCORDION PROJECT
- ∞ AIDS
- AIR NAVIGATION
- AIR TRAFFIC CONTROL
- AIRCRAFT EQUIPMENT
- AIRCRAFT INSTRUMENTS
- AIRCRAFT SAFETY
- AIRPORTS
- ALL-WEATHER AIR NAVIGATION
- ALTIMETERS
- APPROACH INDICATORS
- ATTITUDE INDICATORS
- AUTOMATIC FLIGHT CONTROL
- AUTOMATIC PILOTS

NAVIGATION AIDS-(CONT.)

- AUTOMATIC TRAFFIC ADVISORY AND
- RESOLUTION
- BUOYS
- CHARTS
- DECCA NAVIGATION
- DISPLAY DEVICES
- DISTANCE MEASURING EQUIPMENT
- ECHO SOUNDING
- FLIGHT CONTROL
- FLIGHT PATHS
- GYROSTABILIZERS
- HEAD-UP DISPLAYS
- HELIPORTS
- HOMING DEVICES
- HYBRID NAVIGATION SYSTEMS
- INERTIAL NAVIGATION
- KALMAN FILTERS
- LANDING AIDS
- LASER RANGE FINDERS
- LORAC NAVIGATION SYSTEM
- LORAN
- LORAN C
- LORAN D
- MAPS
- ∞ MARS
- MILITARY AIR FACILITIES
- NAUTICAL CHARTS
- PLOTTERS
- POSITION INDICATORS
- RADIO NAVIGATION
- RANGE FINDERS
- REDUCED ORDER FILTERS
- REFERENCE STARS
- SEXTANTS
- SHORAN
- SOLAR SENSORS
- SONAR
- STAR TRACKERS
- SURFACE NAVIGATION
- TACAN
- VHF OMNIRANGE NAVIGATION
- WEATHER

NAVIGATION INSTRUMENTS

- GS NAVIGATION AIDS
 - . NAVIGATION INSTRUMENTS
 - . . COMPASSES
 - . . . GYROCOMPASSES
 - . . . MAGNETIC COMPASSES
 - . . . SOLAR COMPASSES
 - . . RADIO DIRECTION FINDERS
- RT AIRCRAFT EQUIPMENT
- AIRCRAFT INSTRUMENTS
- ALTIMETERS
- BORESIGHT ERROR
- FLIGHT CONTROL
- FLIGHT INSTRUMENTS
- GIMBALLESS INERTIAL NAVIGATION
- HORIZON SCANNERS
- HYBRID NAVIGATION SYSTEMS
- INERTIAL PLATFORMS
- ∞ INSTRUMENTS
- KALMAN-SCHMIDT FILTERING
- LASER RANGE FINDERS
- LIGHT AIRBORNE MULTIPURPOSE
- SYSTEM
- LORAC NAVIGATION SYSTEM
- LORAN
- MEASURING INSTRUMENTS
- POSITION INDICATORS
- RADAR
- SOLAR SENSORS
- STAR TRACKERS
- TERCOM

NAVIGATION SATELLITES

- GS SATELLITES
 - . ARTIFICIAL SATELLITES
 - . . NAVIGATION SATELLITES
 - . . . AEROSAT SATELLITES
 - . . . EXPLORER 22 SATELLITE
 - . . . NAVIGATION TECHNOLOGY
 - . . . SATELLITES
 - . . . NAVSTAR SATELLITES
 - . . . NOVA SATELLITE
 - . . . REFSAT
 - . . . TRANSIT ATTITUDE CONTROL
 - . . . SATELLITE
 - . . . TRANSIT SATELLITES
 - TRANSIT 1A SATELLITE
 - TRANSIT 1B SATELLITE
 - TRANSIT 2A SATELLITE
 - TRANSIT 3B SATELLITE
 - TRANSIT 4A SATELLITE

NASA THESAURUS (VOLUME 1)

NAVIGATION SATELLITES-(CONT.)

... TRANSIT 4B SATELLITE
 ... TRANSIT 5A SATELLITE
 . EARTH SATELLITES
 . NAVIGATION SATELLITES
 ... AEROSAT SATELLITES
 ... EXPLORER 22 SATELLITE
 ... NAVIGATION TECHNOLOGY SATELLITES
 ... NAVSTAR SATELLITES
 ... NOVA SATELLITE
 ... REFSAT
 ... TRANSIT ATTITUDE CONTROL SATELLITE
 ... TRANSIT SATELLITES
 ... TRANSIT 1A SATELLITE
 ... TRANSIT 1B SATELLITE
 ... TRANSIT 2A SATELLITE
 ... TRANSIT 3B SATELLITE
 ... TRANSIT 4A SATELLITE
 ... TRANSIT 4B SATELLITE
 ... TRANSIT 5A SATELLITE
 UNMANNED SPACECRAFT
 . NAVIGATION SATELLITES
 ... EXPLORER 22 SATELLITE
 ... NAVSTAR SATELLITES
 ... NOVA SATELLITE
 ... REFSAT
 ... TRANSIT ATTITUDE CONTROL SATELLITE
 ... TRANSIT SATELLITES
 ... TRANSIT 1A SATELLITE
 ... TRANSIT 1B SATELLITE
 ... TRANSIT 2A SATELLITE
 ... TRANSIT 3B SATELLITE
 ... TRANSIT 4A SATELLITE
 ... TRANSIT 4B SATELLITE
 ... TRANSIT 5A SATELLITE
 RT ACTIVE SATELLITES
 ATS
 GEODETIC SATELLITES
 LOCATES SYSTEM
 METEOROLOGICAL SATELLITES
 MILITARY SPACECRAFT
 NAUTICAL CHARTS
 PASSIVE SATELLITES
 SATELLITE NAVIGATION SYSTEMS
 SATELLITE NETWORKS
 SYNCHRONOUS SATELLITES

NAVIGATION TECHNOLOGY SATELLITES

UF NTS
 GS SATELLITES
 . ARTIFICIAL SATELLITES
 ... NAVIGATION SATELLITES
 ... NAVIGATION TECHNOLOGY SATELLITES
 . EARTH SATELLITES
 ... NAVIGATION SATELLITES
 ... NAVIGATION TECHNOLOGY SATELLITES
 RT NAVSTAR SATELLITES

NAVIGATORS

GS PERSONNEL
 . NAVIGATORS
 RT FLIGHT CREWS
 FLYING PERSONNEL

NAVION AIRCRAFT

GS NAVION AIRCRAFT
 . G-1 AIRCRAFT
 RT ∞ AIRCRAFT

NAVION G-1 AIRCRAFT

USE G-1 AIRCRAFT

NAVION RANGEMASTER AIRCRAFT

USE G-1 AIRCRAFT

NAVSTAR SATELLITES

GS SATELLITES
 . ARTIFICIAL SATELLITES
 ... NAVIGATION SATELLITES
 ... NAVSTAR SATELLITES
 . EARTH SATELLITES
 ... NAVIGATION SATELLITES
 ... NAVSTAR SATELLITES
 UNMANNED SPACECRAFT
 . NAVIGATION SATELLITES
 ... NAVSTAR SATELLITES
 RT ACTIVE SATELLITES
 ATS
 GEODETIC SATELLITES
 NAVIGATION TECHNOLOGY SATELLITES

NAVSTAR SATELLITES-(CONT.)

REFSAT
 SATELLITE NETWORKS

NAVY

GS ARMED FORCES
 . NAVY
 RT AIRCRAFT CARRIERS
 BALLISTIC MISSILE SUBMARINES
 FLEET SATELLITE COMMUNICATION SYSTEM
 NUCLEAR POWERED SHIPS
 SHIPS
 SUBMARINES
 TRIDENT SUBMARINE
 ∞ VESSELS

NC-130 AIRCRAFT

USE C-130 AIRCRAFT

NDM SEMICONDUCTOR DEVICES

UF NEGATIVE DIFF MOBILITY SEMICONDUCTORS
 GS ELECTRONIC EQUIPMENT
 . SOLID STATE DEVICES
 ... SEMICONDUCTOR DEVICES
 ... NDM SEMICONDUCTOR DEVICES
 RT CONDUCTION BANDS
 ∞ DEVICES
 DIFFUSIVITY
 ELECTRON MOBILITY
 IONIC MOBILITY

NEAR FIELDS

GS ELECTROMAGNETIC FIELDS
 . NEAR FIELDS
 RT ANTENNA RADIATION PATTERNS
 ANTENNAS
 ELECTROMAGNETIC RADIATION
 FAR FIELDS
 RADIO EQUIPMENT
 SIDELOBES

NEAR INFRARED RADIATION

SN (0.75 TO 3 MICRONS)
 GS ELECTROMAGNETIC RADIATION
 . INFRARED RADIATION
 ... NEAR INFRARED RADIATION
 RT FAR INFRARED RADIATION
 LIGHT (VISIBLE RADIATION)
 RADIATIVE HEAT TRANSFER
 RADIATIVE TRANSFER
 TERRESTRIAL RADIATION
 THERMAL RADIATION

NEAR ULTRAVIOLET RADIATION

SN (2000 TO 4000 ANGSTROMS)
 GS ELECTROMAGNETIC RADIATION
 . ULTRAVIOLET RADIATION
 ... NEAR ULTRAVIOLET RADIATION
 IONIZING RADIATION
 . ULTRAVIOLET RADIATION
 ... NEAR ULTRAVIOLET RADIATION
 RT FAR ULTRAVIOLET RADIATION
 LIGHT (VISIBLE RADIATION)

NEAR WAKES

GS WAKES
 . NEAR WAKES

NEARSHORE WATER

GS WATER
 . NEARSHORE WATER
 ... COASTAL WATER
 RT MARINE ENVIRONMENTS
 OCEANS
 SEA WATER
 VADOSE WATER
 WATER DEPTH
 WETLANDS

NEBRASKA

GS UNITED STATES OF AMERICA
 . NEBRASKA
 RT MISSOURI RIVER (US)
 SAND HILLS REGION (NE)

NEBULAE

GS CELESTIAL BODIES
 . NEBULAE
 ... CASSIOPEIA A
 ... CRAB NEBULA
 ... GUM NEBULA
 ... ORION NEBULA

NEGATIVE RESISTANCE DEVICES

NEBULAE-(CONT.)

... PLANETARY NEBULAE
 RT GALAXIES
 INTERSTELLAR MATTER
 MAFFEI GALAXIES
 MAGELLANIC CLOUDS
 NORTH POLAR SPUR (ASTRONOMY)
 OPIK THEORY
 SOLAR CORONA
 SUPERNOVAE

NECK (ANATOMY)

GS ANATOMY
 . NECK (ANATOMY)
 RT VERTEBRAE

NEEDLE BEARINGS

GS BEARINGS
 . NEEDLE BEARINGS
 RT ANTIFRICTION BEARINGS
 BALL BEARINGS
 ROLLER BEARINGS

NEEDLES

RT DENDRITIC CRYSTALS
 SEWING
 SINGLE CRYSTALS
 SURGICAL INSTRUMENTS

NEEDS (DATA SYSTEM)

UF NASA END-TO-END DATA SYSTEM
 GS DATA SYSTEMS
 . NEEDS (DATA SYSTEM)
 END-TO-END DATA SYSTEMS
 . NEEDS (DATA SYSTEM)
 RT DATA ACQUISITION
 DATA PROCESSING
 SATELLITE INSTRUMENTS

NEEL TEMPERATURE

GS TEMPERATURE
 . NEEL TEMPERATURE
 RT ANTIFERROMAGNETISM
 MAGNETIC PERMEABILITY
 PHASE TRANSFORMATIONS
 SPECIFIC HEAT
 THERMAL EXPANSION

NEEMAN-GELMAN THEORY

RT ∞ THEORIES

NEGATIVE CONDUCTANCE

RT AVALANCHE DIODES
 GALLIUM ARSENIDES
 GUNN EFFECT
 TUNNEL DIODES

NEGATIVE DIFF MOBILITY SEMICONDUCTORS

USE NDM SEMICONDUCTOR DEVICES

NEGATIVE FEEDBACK

UF DEGENERATIVE FEEDBACK
 GS FEEDBACK
 . NEGATIVE FEEDBACK
 ... SENSORY FEEDBACK
 RT AUTOMATIC CONTROL
 DAMPING
 DEGENERATION
 FEEDBACK CONTROL
 NONLINEAR FEEDBACK
 OSCILLATORS
 TRANSFER FUNCTIONS

NEGATIVE IONS

GS IONS
 . NEGATIVE IONS
 PARTICLES
 . CHARGED PARTICLES
 ... NEGATIVE IONS
 RT ANIONS
 FREE RADICALS
 IONIC MOBILITY
 NITROGEN IONS
 OXYGEN IONS
 PLASMA PHYSICS

NEGATIVE RESISTANCE CIRCUITS

GS CIRCUITS
 . NEGATIVE RESISTANCE CIRCUITS
 RT TUNNEL DIODES

NEGATIVE RESISTANCE DEVICES

RT ALUMINUM GALLIUM ARSENIDES
 GALLIUM ARSENIDES

NEGATRONS

NEGATIVE RESISTANCE DEVICES-(CONT.)

GUNN DIODES
GUNN EFFECT
MIM DIODES
NEGATRONS
PARAMETRIC AMPLIFIERS
RAMSAUER EFFECT

NEGATRONS

GS PARTICLES
. CHARGED PARTICLES
.ENERGETIC PARTICLES
.ELECTRONS
.NEGATRONS
RT NEGATIVE RESISTANCE DEVICES

NEMBUTAL (TRADEMARK)

GS ALIPHATIC COMPOUNDS
. KETONES
. . . NEMBUTAL (TRADEMARK)
DRUGS
. NEMBUTAL (TRADEMARK)
SODIUM COMPOUNDS
. NEMBUTAL (TRADEMARK)
RT PENTOBARBITAL SODIUM

NEODYMIUM

GS CHEMICAL ELEMENTS
. RARE EARTH ELEMENTS
. . . NEODYMIUM
METALS
. RARE EARTH ELEMENTS
. . . NEODYMIUM

NEODYMIUM ALLOYS

GS ALLOYS
. RARE EARTH ALLOYS
. . . NEODYMIUM ALLOYS

NEODYMIUM COMPOUNDS

GS RARE EARTH COMPOUNDS
. NEODYMIUM COMPOUNDS
RT ∞ METAL COMPOUNDS

NEODYMIUM ISOTOPES

GS CHEMICAL ELEMENTS
. NUCLIDES
. . . ISOTOPES
.NEODYMIUM ISOTOPES
. RARE EARTH ELEMENTS
. . . NEODYMIUM ISOTOPES
METALS
. RARE EARTH ELEMENTS
. . . NEODYMIUM ISOTOPES

NEODYMIUM LASERS

GS STIMULATED EMISSION DEVICES
. LASERS
. . . NEODYMIUM LASERS
RT COHERENT LIGHT
GLASS LASERS
OPTICAL PUMPING
RARE EARTH ELEMENTS

NEON

GS CHEMICAL ELEMENTS
. RARE GASES
. . . NEON
.LIQUID NEON
.NEON ISOTOPES
GASES
. RARE GASES
. . . NEON
.LIQUID NEON
.NEON ISOTOPES

NEON ISOTOPES

UF NEON 19
GS CHEMICAL ELEMENTS
. NUCLIDES
. . . ISOTOPES
.NEON ISOTOPES
. RARE GASES
. . . NEON
.NEON ISOTOPES
GASES
. RARE GASES
. . . NEON
.NEON ISOTOPES

NEON 19

USE NEON ISOTOPES

NEOPENTANE

GS ALIPHATIC COMPOUNDS
. ALKANES
. . . PENTANES
.NEOPENTANE
HYDROCARBONS
. ALKANES
. . . PENTANES
.NEOPENTANE

NEOPLASMS

GS DISEASES
. TUMORS
. . . NEOPLASMS
.CANCER
.LEUKEMIAS
RT CARCINOGENS
CYSTS

NEOPRENES

USE CHLOROPRENE RESINS

NEPAL

RT ASIA
NATIONS

NEPHANALYSIS

RT ALPINE METEOROLOGY
ANVIL CLOUDS
ATMOSPHERIC CLOUD PHYSICS LAB
(SPACELAB)
CAP CLOUDS
CHEMICAL ANALYSIS
CIRROCUMULUS CLOUDS
CIRROSTRATUS CLOUDS
CLOUD COVER
CLOUD PHYSICS
CLOUDS (METEOROLOGY)
CONVECTION CLOUDS
METEOROLOGICAL INSTRUMENTS
METEOROLOGY
NEPHELOMETERS
PRECIPITATION (METEOROLOGY)
SYNOPTIC MEASUREMENT
SYNOPTIC METEOROLOGY
WEATHER FORECASTING

NEPHELINE

GS ALUMINUM COMPOUNDS
. NEPHELINE
MINERALS
. NEPHELINE
POTASSIUM COMPOUNDS
. NEPHELINE
SILICON COMPOUNDS
. SILICATES
. . . NEPHELINE
SODIUM COMPOUNDS
. NEPHELINE
RT NEPHELINE

NEPHELITE

GS ALUMINUM COMPOUNDS
. NEPHELITE
CHALCOGENIDES
. OXIDES
. . . SILICON OXIDES
.NEPHELITE
MINERALS
. NEPHELITE
SILICON COMPOUNDS
. SILICON OXIDES
. . . NEPHELITE
RT NEPHELINE

NEPHELOMETERS

GS MEASURING INSTRUMENTS
. OPTICAL MEASURING INSTRUMENTS
. . . NEPHELOMETERS
OPTICAL EQUIPMENT
. OPTICAL MEASURING INSTRUMENTS
. . . NEPHELOMETERS
RT NEPHANALYSIS
OPTICAL MEASUREMENT
PHOTOMETERS

NEPHRITIS

GS DISEASES
. KIDNEY DISEASES
. . . NEPHRITIS

NEPTUNE (PLANET)

GS CELESTIAL BODIES
. PLANETS

NASA THESAURUS (VOLUME 1)

NEPTUNE (PLANET)-(CONT.)

. . . GAS GIANT PLANETS
.NEPTUNE (PLANET)
RT NEPTUNE ATMOSPHERE
TRITON

NEPTUNE ATMOSPHERE

GS ENVIRONMENTS
. EXTRATERRESTRIAL ENVIRONMENTS
. . . PLANETARY ENVIRONMENTS
.PLANETARY ATMOSPHERES
.NEPTUNE ATMOSPHERE
RT AEROSPACE ENVIRONMENTS
∞ ATMOSPHERES
GAS GIANT PLANETS
HYDROGEN
METHANE
NEPTUNE (PLANET)
TRITON

NEPTUNIUM

GS CHEMICAL ELEMENTS
. ACTINIDE SERIES
. . . TRANSURANIUM ELEMENTS
.NEPTUNIUM
.NEPTUNIUM ISOTOPES
. NUCLIDES
. . . ISOTOPES
.RADIOACTIVE ISOTOPES
.TRANSURANIUM ELEMENTS
.NEPTUNIUM
.NEPTUNIUM ISOTOPES
HEAVY ELEMENTS
. TRANSURANIUM ELEMENTS
. . . NEPTUNIUM
.NEPTUNIUM ISOTOPES
METALS
. ACTINIDE SERIES
. . . TRANSURANIUM ELEMENTS
.NEPTUNIUM
.NEPTUNIUM ISOTOPES

NEPTUNIUM COMPOUNDS

GS ACTINIDE SERIES COMPOUNDS
. NEPTUNIUM COMPOUNDS
RT ∞ CHEMICAL COMPOUNDS
∞ COMPOUNDS
∞ METAL COMPOUNDS

NEPTUNIUM ISOTOPES

GS CHEMICAL ELEMENTS
. ACTINIDE SERIES
. . . TRANSURANIUM ELEMENTS
.NEPTUNIUM
.NEPTUNIUM ISOTOPES
. NUCLIDES
. . . ISOTOPES
.RADIOACTIVE ISOTOPES
.TRANSURANIUM ELEMENTS
.NEPTUNIUM
.NEPTUNIUM ISOTOPES
HEAVY ELEMENTS
. TRANSURANIUM ELEMENTS
. . . NEPTUNIUM
.NEPTUNIUM ISOTOPES
METALS
. ACTINIDE SERIES
. . . TRANSURANIUM ELEMENTS
.NEPTUNIUM
.NEPTUNIUM ISOTOPES

NERNST GENERATORS

USE THERMOMAGNETIC COOLING

NERNST HEAT THEOREM

USE NERNST-ETTINGSHAUSEN EFFECT

NERNST-ETTINGSHAUSEN EFFECT

UF NERNST HEAT THEOREM
GS GALVANOMAGNETIC EFFECTS
. NERNST-ETTINGSHAUSEN EFFECT
RT TEMPERATURE EFFECTS
THERMOMAGNETIC EFFECTS

NERVA (ENGINE)

USE NUCLEAR ENGINE FOR ROCKET
VEHICLES

NERVES

GS NERVOUS SYSTEM
. GANGLIA
. . . NERVES
RT CAROTID SINUS BODY
CAROTID SINUS REFLEX

NERVES-(CONT.)

UF HIS BUNDLE
RT NEURITIS

NERVOUS SYSTEM

UF VASOMOTOR NERVOUS SYSTEM
GS **NERVOUS SYSTEM**
 . AFFERENT NERVOUS SYSTEMS
 . AUTONOMIC NERVOUS SYSTEM
 . SYMPATHETIC NERVOUS SYSTEM
 . AXONS
 . CENTRAL NERVOUS SYSTEM
 . BRAIN
 . . . BRAIN STEM
 . . . CEREBELLUM
 . . . CEREBRAL CORTEX
 . . . CEREBRUM
 . . . HIPPOCAMPUS
 . SPINAL CORD
 . SPINE
 . THALAMUS
 . DIENTEPHALON
 . EFFERENT NERVOUS SYSTEMS
 . GANGLIA
 . NERVES
 . NEURONS
 . MYELIN
 . NEUROBLASTS
 . NEUROGLIA
 . PERIPHERAL NERVOUS SYSTEM
 . SYNAPSES
RT ELECTROPHYSIOLOGY
 HOMEOSTASIS
 NEURASTHENIA
 NEURITIS
 NEUROPSYCHIATRY
 NEUROTRANSMITTERS
 PROPRIOCEPTORS
 PSYCHOPHARMACOLOGY
 SENSE ORGANS

NETHERLANDS

UF HOLLAND
RT ASTRONOMICAL NETHERLANDS
 SATELLITE
 EUROPE
 NATIONS
 SURINAM

NETS

GS **NETS**
 . NEURAL NETS
 . PETRI NETS
RT ∞ NETWORKS

NETWORK ANALYSIS

UF TELLEGEN THEORY
GS **NETWORK ANALYSIS**
 . CRITICAL PATH METHOD
 . SNEAK CIRCUIT ANALYSIS
RT ∞ ANALYZING
 CIRCUITS
 DISTRIBUTED PARAMETER SYSTEMS
 DUALITY PRINCIPLE
 EQUIVALENT CIRCUITS
 FOSTER THEORY
 GYRATORS
 HYDRAULIC EQUIPMENT
 INSERTION
 KIRCHHOFF LAW OF NETWORKS
 LC CIRCUITS
 ∞ NETWORKS
 ∞ PATHS
 RC CIRCUITS
 RL CIRCUITS
 RLC CIRCUITS
 SIGNAL FLOW GRAPHS
 SUPERPOSITION (MATHEMATICS)

NETWORK CONTROL

RT COMMUNICATION NETWORKS
 COMMUNICATION SATELLITES
 COMPUTER NETWORKS
 PACKET SWITCHING
 SATELLITE NETWORKS
 TRANSMISSION EFFICIENCY

NETWORK SYNTHESIS

UF TELLEGEN THEORY
RT COMMUNICATION THEORY
 EQUIVALENT CIRCUITS
 HYDRAULIC EQUIPMENT
 KIRCHHOFF LAW OF NETWORKS
 LC CIRCUITS
 ∞ NETWORKS

NETWORK SYNTHESIS-(CONT.)

RC CIRCUITS
RICHARDS THEOREM
RL CIRCUITS
RLC CIRCUITS
SUPERPOSITION (MATHEMATICS)
SWITCHING THEORY
∞ SYNTHESIS
TOPOLOGY

∞ NETWORKS

SN *(USE OF A MORE SPECIFIC TERM IS
RECOMMENDED-CONSULT THE TERMS
LISTED BELOW)*
RT ARPA COMPUTER NETWORK
 BOND GRAPHS
 CIRCUITS
 COMPUTER NETWORKS
 COUPLING CIRCUITS
 DEEP SPACE NETWORK
 DIFFERENTIATORS
 ELECTRIC NETWORKS
 ELECTRIC POWER TRANSMISSION
 GRAPHS (CHARTS)
 GYRATORS
 HYDRAULIC EQUIPMENT
 INTEGRATORS
 MAGNETIC CIRCUITS
 MOSAICS
 NASCOM NETWORK
 NETS
 NETWORK ANALYSIS
 NETWORK SYNTHESIS
 NEURAL NETS
 PNEUMATIC EQUIPMENT
 QUADRUPOLE NETWORKS
 RADAR NETWORKS
 SATELLITE NETWORKS
 SIGNAL FLOW GRAPHS
 TOPOLOGY
 TRACKING NETWORKS
 TRANSMISSION LINES
 TRANSPORTATION NETWORKS
 UNDERGROUND TRANSMISSION LINES

NEUMANN PROBLEM

GS ANALYSIS (MATHEMATICS)
 . REAL VARIABLES
 . . . **NEUMANN PROBLEM**
 BOUNDARY VALUE PROBLEMS
 . **NEUMANN PROBLEM**
RT DIFFERENTIAL EQUATIONS
 PARTIAL DIFFERENTIAL EQUATIONS
 ∞ PROBLEMS

NEURAL NETS

GS **NETS**
 . **NEURAL NETS**
RT CYBERNETICS
 LOGIC CIRCUITS
 ∞ NETWORKS

NEURASTHENIA

GS DISEASES
 . **NEURASTHENIA**
RT NERVOUS SYSTEM

NEURISTORS

GS ELECTRONIC EQUIPMENT
 . SOLID STATE DEVICES
 . . . SEMICONDUCTOR DEVICES
 . . . **NEURISTORS**
RT BIONICS

NEURITIS

GS DISEASES
 . **NEURITIS**
RT NERVES
 NERVOUS SYSTEM

NEUROBLASTS

GS CELLS (BIOLOGY)
 . **NEUROBLASTS**
 NERVOUS SYSTEM
 . **NEUROBLASTS**

NEUROGLIA

GS NERVOUS SYSTEM
 . **NEUROGLIA**
 TISSUES (BIOLOGY)
 . **NEUROGLIA**
RT CELLS (BIOLOGY)

NEUROLOGY

UF NEUROSCIENCE
GS MEDICAL SCIENCE
 . **NEUROLOGY**
RT BRAIN
 CHEMICAL DEFENSE
 ELECTROPHYSIOLOGY
 LIFE SCIENCES
 NEUROPSYCHIATRY
 THRESHOLDS (PERCEPTION)

NEUROMUSCULAR TRANSMISSION

RT BIOELECTRICITY
 CHOLINESTERASE
 NEUROTRANSMITTERS
 PERIPHERAL NERVOUS SYSTEM
 SYNAPSES

NEURON TRANSMISSION

USE BIOELECTRICITY

NEURONS

GS CELLS (BIOLOGY)
 . **NEURONS**
 NERVOUS SYSTEM
 . GANGLIA
 . . . **NEURONS**
RT BLOOD-BRAIN BARRIER
 SYNCODERS

NEUROPHYSIOLOGY

GS PHYSIOLOGY
 . **NEUROPHYSIOLOGY**
RT GANGLIA
 ONTOGENY
 PSYCHOTROPIC DRUGS

NEUROPSYCHIATRY

GS MEDICAL SCIENCE
 . **NEUROPSYCHIATRY**
RT HUMAN BEHAVIOR
 ∞ MEDICINE
 MENTAL HEALTH
 NERVOUS SYSTEM
 NEUROLOGY
 PSYCHOTHERAPY

NEUROSCIENCE

USE NEUROLOGY

NEUROSES

GS **NEUROSES**
 . NEUROTIC DEPRESSION
RT FEAR
 FEAR OF FLYING
 PSYCHOSES

NEUROSPORA

GS FUNGI
 . **NEUROSPORA**
RT GENETICS

NEUROTIC DEPRESSION

GS **NEUROSES**
 . **NEUROTIC DEPRESSION**
RT ∞ DEPRESSION
 PSYCHOTIC DEPRESSION

NEUROTRANSMITTERS

RT AXONS
 CELLS (BIOLOGY)
 NERVOUS SYSTEM
 NEUROMUSCULAR TRANSMISSION

NEUROTROPISM

GS TROPISM
 . **NEUROTROPISM**

NEUTRAL ATOMS

GS ATOMS
 . **NEUTRAL ATOMS**
RT ATOMIC BEAMS
 CHARGE DISTRIBUTION
 ∞ ELEMENTS
 NEUTRAL BEAMS

NEUTRAL BEAMS

GS BEAMS (RADIATION)
 . PARTICLE BEAMS
 . . . **NEUTRAL BEAMS**
 . . . MOLECULAR BEAMS
 . . . NEUTRON BEAMS
RT ATOMIC BEAMS
 BEAM INJECTION

NEUTRAL CURRENTS

NEUTRAL BEAMS-(CONT.)

BEAM NEUTRALIZATION
NEUTRAL ATOMS
PARTICLES
PION BEAMS

NEUTRAL CURRENTS

RT CURRENT DISTRIBUTION
GRAVITATIONAL COLLAPSE
NEUTRAL PARTICLES
NEUTRINOS
NEUTRON STARS
PARTICLE INTERACTIONS
STELLAR EVOLUTION

NEUTRAL GASES

GS EXTRATERRESTRIAL MATTER
. COSMIC GASES
. INTERSTELLAR GAS
. . . NEUTRAL GASES
GASES
. RAREFIED GASES
. COSMIC GASES
. . . INTERSTELLAR GAS
. . . . NEUTRAL GASES
RT INTERPLANETARY GAS

NEUTRAL PARTICLES

GS PARTICLES
. NEUTRAL PARTICLES
. . . NEUTRONS
. . . COLD NEUTRONS
. . . FAST NEUTRONS
. . . PHOTONEUTRONS
. . . THERMAL NEUTRONS
RT ELECTRON RECOMBINATION
NEUTRAL CURRENTS

NEUTRAL SHEETS

RT ATMOSPHERIC PHYSICS
CHARGED PARTICLES
MAGNETOSPHERE
PARTICLE MOTION
PLASMA PHYSICS
∞ SHEETS

NEUTRALIZERS

RT ADDITIVES
∞ AGENTS
BUFFERS (CHEMISTRY)
DISCHARGERS
INHIBITORS
PRESERVATIVES
RETARDANTS
STABILIZERS (AGENTS)
SUPPRESSORS

NEUTRINO BEAMS

GS BEAMS (RADIATION)
. PARTICLE BEAMS
. . . NEUTRINO BEAMS

NEUTRINOS

GS PARTICLES
. ELEMENTARY PARTICLES
. . . FERMIONS
. . . LEPTONS
. . . . NEUTRINOS
. SOLAR NEUTRINOS
RT ANTINEUTRINOS
NEUTRAL CURRENTS

NEUTRON ABSORBERS

RT ABSORBERS (MATERIALS)
CONTROL RODS
MODERATORS
POISONING (REACTION INHIBITION)
RADIATION ABSORPTION
RADIATION SHIELDING

NEUTRON ACTIVATION ANALYSIS

GS ACTIVATION ANALYSIS
. NEUTRON ACTIVATION ANALYSIS
CHEMICAL TESTS
. CHEMICAL ANALYSIS
. . . NEUTRON ACTIVATION ANALYSIS
RT MASS SPECTROMETERS
MICROANALYSIS
QUALITATIVE ANALYSIS
QUANTITATIVE ANALYSIS
SPECTROSCOPIC ANALYSIS

NEUTRON BEAMS

GS BEAMS (RADIATION)

NEUTRON BEAMS-(CONT.)

. PARTICLE BEAMS
. . . NEUTRAL BEAMS
. . . . NEUTRON BEAMS
NUCLEAR RADIATION
. NEUTRON BEAMS
RT ATOMIC BEAMS
PARTICLES
PION BEAMS
PROTON BEAMS

NEUTRON COUNTERS

UF NEUTRON DETECTORS
GS MEASURING INSTRUMENTS
. COUNTERS
. . . RADIATION COUNTERS
. . . . NEUTRON COUNTERS
. NEUTRON SPECTROMETERS
. . . RADIATION MEASURING INSTRUMENTS
. . . RADIATION COUNTERS
. . . . NEUTRON COUNTERS
. NEUTRON SPECTROMETERS
RT DOSIMETERS
GEIGER COUNTERS
IONIZATION CHAMBERS
PROPORTIONAL COUNTERS
SCINTILLATION COUNTERS
SPARK CHAMBERS

NEUTRON CROSS SECTIONS

RT ABSORPTION CROSS SECTIONS
NUCLEAR PARTICLES
SCATTERING CROSS SECTIONS
STOPPING POWER

NEUTRON DECAY

GS DECAY
. NEUTRON DECAY
RT HOT ATOMS

NEUTRON DETECTORS

USE NEUTRON COUNTERS

NEUTRON DIFFRACTION

GS DIFFRACTION
. NEUTRON DIFFRACTION
RT CRYSTALLOGRAPHY

NEUTRON DISTRIBUTION

GS DISTRIBUTION (PROPERTY)
. NEUTRON DISTRIBUTION
RT NUCLEAR PARTICLES

NEUTRON EMISSION

GS DECAY
. EMISSION
. . . PARTICLE EMISSION
. . . . NEUTRON EMISSION
. . . RADIOACTIVE DECAY
. . . . NEUTRON EMISSION
NUCLEAR REACTIONS
. RADIOACTIVE DECAY
. . . NEUTRON EMISSION
RT NEUTRONS
SELECTION RULES (NUCLEAR PHYSICS)

NEUTRON FLUX

USE FLUX (RATE)

NEUTRON FLUX DENSITY

SN (NEUTRON EMISSION OR DETECTION
RATE PER UNIT AREA)
GS RATES (PER TIME)
. FLUX DENSITY
. . . RADIANT FLUX DENSITY
. . . PARTICLE FLUX DENSITY
. . . . NEUTRON FLUX DENSITY
RT HIGH FLUX ISOTOPE REACTORS
IRRADIANCE
NUCLEAR FISSION
RADIANCE
RADIANCY
RADIATION SHIELDING

NEUTRON IRRADIATION

GS IRRADIATION
. NEUTRON IRRADIATION
RT ION IRRADIATION
TRANSMUTATION

NEUTRON PHYSICS

RT ∞ PHYSICS

NASA THESAURUS (VOLUME 1)

NEUTRON RADIOGRAPHY

GS IMAGERY
. RADIOGRAPHY
. . . NEUTRON RADIOGRAPHY
NONDESTRUCTIVE TESTS
. NEUTRON RADIOGRAPHY
RT ∞ MATERIALS TESTS

NEUTRON SCATTERING

UF LEGENDRE CODE
GS NUCLEAR REACTIONS
. NUCLEAR SCATTERING
. . . NEUTRON SCATTERING
SCATTERING
. NUCLEAR SCATTERING
. . . NEUTRON SCATTERING
RT ELEMENTARY PARTICLES
NUCLEAR PARTICLES
RESONANCE SCATTERING

NEUTRON SOURCES

GS RADIATION SOURCES
. NEUTRON SOURCES
RT LINEAR ACCELERATORS
NUCLEAR FUELS
NUCLEAR RESEARCH AND TEST
REACTORS
PARTICLE ACCELERATORS
SPENT FUELS

NEUTRON SPECTRA

GS SPECTRA
. ENERGY SPECTRA
. . . NEUTRON SPECTRA

NEUTRON SPECTROMETERS

UF TRIPLE AXIS SPECTROMETERS
GS MEASURING INSTRUMENTS
. COUNTERS
. . . RADIATION COUNTERS
. . . . NEUTRON COUNTERS
. NEUTRON SPECTROMETERS
. . . RADIATION MEASURING INSTRUMENTS
. . . RADIATION COUNTERS
. . . . NEUTRON COUNTERS
. NEUTRON SPECTROMETERS
. . . SPECTROMETERS
. . . . NEUTRON SPECTROMETERS

NEUTRON STARS

SN (EXCLUDES TRACKS OF PARTICLES
EMANATING FROM A NUCLEAR
COLLISION)
GS CELESTIAL BODIES
. STARS
. . . NEUTRON STARS
. . . . PULSARS
RT EXTARS
GRAVITATIONAL LENSES
NEUTRAL CURRENTS
SUPERNOVA REMNANTS

NEUTRON THERMALIZATION

GS ENERGY ABSORPTION
. MODERATION (ENERGY ABSORPTION)
. . . THERMALIZATION (ENERGY
ABSORPTION)
. . . . NEUTRON THERMALIZATION

NEUTRON TRANSMUTATION

USE NUCLEAR REACTIONS

NEUTRONS

GS PARTICLES
. ELEMENTARY PARTICLES
. . . FERMIONS
. . . . NEUTRONS
. COLD NEUTRONS
. FAST NEUTRONS
. PHOTONEUTRONS
. THERMAL NEUTRONS
. . . NEUTRAL PARTICLES
. . . . NEUTRONS
. COLD NEUTRONS
. FAST NEUTRONS
. PHOTONEUTRONS
. THERMAL NEUTRONS
RT BARYONS
CHARGED PARTICLES
CORPUSCULAR RADIATION
COSMIC RAYS
NEUTRON EMISSION
NUCLEAR RADIATION
NUCLEI (NUCLEAR PHYSICS)
NUCLEON POTENTIAL

NEUTRONS-(CONT.)

NUCLEONS
RADIATION EFFECTS
RADIATION SHIELDING

NEVADA

GS UNITED STATES OF AMERICA
. **NEVADA**
RT GREAT BASIN (US)
LAKE TAHOE (CA-NV)
PYRAMID LAKE (NV)
SOUTHERN CALIFORNIA

NEVUS

RT MOLES
SKIN (ANATOMY)

NEW ENGLAND (US)

GS REGIONS
. **NEW ENGLAND (US)**
RT UNITED STATES OF AMERICA

NEW GUINEA (ISLAND)

GS LANDFORMS
. ISLANDS
. . . PACIFIC ISLANDS
. . . **NEW GUINEA (ISLAND)**
RT TORRES STRAIT

NEW HAMPSHIRE

GS UNITED STATES OF AMERICA
. **NEW HAMPSHIRE**
RT ST LAWRENCE VALLEY (NORTH AMERICA)

NEW HAVEN (CT)

GS CITIES
. **NEW HAVEN (CT)**
RT CONNECTICUT

NEW JERSEY

GS UNITED STATES OF AMERICA
. **NEW JERSEY**
RT DELAWARE BAY (US)
DELAWARE RIVER BASIN (US)
HUDSON RIVER (NY-NJ)

NEW MEXICO

GS UNITED STATES OF AMERICA
. **NEW MEXICO**
RT COLORADO PLATEAU (US)
RIO GRANDE (NORTH AMERICA)

NEW MOONS PROJECT

GS PROGRAMS
. NASA PROGRAMS
. . . **NEW MOONS PROJECT**
. . . PROJECTS
. . . **NEW MOONS PROJECT**
RT NUCLEAR PROPULSION
STRUCTURAL WEIGHT
WEIGHT ANALYSIS

NEW YORK

GS UNITED STATES OF AMERICA
. **NEW YORK**
RT ADIRONDACK MOUNTAINS (NY)
DELAWARE RIVER BASIN (US)
HUDSON RIVER (NY-NJ)
LAKE CHAMPLAIN BASIN (NY-VT)
LONG ISLAND (NY)
ST LAWRENCE VALLEY (NORTH AMERICA)
SUSQUEHANNA RIVER BASIN (MD-NY-PA)

NEW ZEALAND

GS LANDFORMS
. ISLANDS
. . . PACIFIC ISLANDS
. . . **NEW ZEALAND**
RT NATIONS

NEWS

RT DOCUMENTATION

NEWS MEDIA

RT DATA ACQUISITION
INFORMATION
∞ JOURNALS

NEWTON

RT ∞ FORCE
KINETICS

NEWTON-(CONT.)

NEWTONIAN FLUIDS
NONNEWTONIAN FLUIDS

NEWTON PRESSURE LAW

GS LAWS
. **NEWTON PRESSURE LAW**
RT COMPRESSIBLE FLOW
LAMINAR FLOW
NEWTONIAN FLUIDS
PRANDTL-MEYER EXPANSION
PRESSURE
PRESSURE DISTRIBUTION

NEWTON SECOND LAW

GS KINETICS
. **NEWTON SECOND LAW**
LAWS
RT **NEWTON SECOND LAW**
CONSERVATION
MOMENTUM THEORY

NEWTON THEORY

GS KINETICS
. **NEWTON THEORY**
THEORETICAL PHYSICS
. **NEWTON THEORY**
RT CONSERVATION LAWS
NEWTONIAN FLUIDS
NONNEWTONIAN FLUIDS
NONRELATIVISTIC MECHANICS
∞ THEORIES

NEWTON-BUSEMANN LAW

GS LAWS
. **NEWTON-BUSEMANN LAW**

NEWTON-RAPHSON METHOD

GS ANALYSIS (MATHEMATICS)
. NUMERICAL ANALYSIS
. . . APPROXIMATION
. . . **NEWTON-RAPHSON METHOD**
RT ∞ METHODOLOGY

NEWTONIAN FLUIDS

RT ANISOTROPIC FLUIDS
∞ FLUIDS
NAVIER-STOKES EQUATION
NEWTON
NEWTON PRESSURE LAW
NEWTON THEORY
NONNEWTONIAN FLUIDS
STRESS-STRAIN-TIME RELATIONS
VISCOUS FLUIDS

NH-41 HELICOPTER

UF H-41 HELICOPTER
SENECA HELICOPTER
GS CESSNA AIRCRAFT
. **NH-41 HELICOPTER**
V/STOL AIRCRAFT
. ROTARY WING AIRCRAFT
. . . HELICOPTERS
. . . **NH-41 HELICOPTER**

NICARAGUA

RT CENTRAL AMERICA
NATIONS

NICHROME (TRADEMARK)

GS ALLOYS
. NICKEL ALLOYS
. . . **NICHROME (TRADEMARK)**

NICKEL

GS CHEMICAL ELEMENTS
. **NICKEL**
. . . NICKEL ISOTOPES
METALS
. TRANSITION METALS
. . . **NICKEL**
. . . NICKEL ISOTOPES
RT CONSTANTAN

NICKEL ALLOYS

GS ALLOYS
. **NICKEL ALLOYS**
. . . ASTROLOY (TRADEMARK)
. . . HASTELLOY (TRADEMARK)
. . . INCONEL (TRADEMARK)
. . . KAMACITE
. . . MONEL (TRADEMARK)
. . . NICHROME (TRADEMARK)
. . . NITINOL ALLOYS

NICKEL ALLOYS-(CONT.)

. . . RENE 41
. . . RENE 63
. . . RENE 77
. . . RENE 95
. . . UDIMET ALLOYS
. . . WASPALOY
RT HEAT RESISTANT ALLOYS
NIMONIC ALLOYS
PERMALLOYS (TRADEMARK)
SHAPE MEMORY ALLOYS
STAINLESS STEELS

NICKEL CADMIUM BATTERIES

UF CADMIUM NICKEL BATTERIES
GS ELECTROCHEMICAL CELLS
. ELECTRIC BATTERIES
. . . STORAGE BATTERIES
. . . **NICKEL CADMIUM BATTERIES**
RT DRY CELLS
SILVER CADMIUM BATTERIES

NICKEL COATINGS

GS COATINGS
. METAL COATINGS
. . . **NICKEL COATINGS**
METALS
. METAL COATINGS
. . . **NICKEL COATINGS**
RT CORROSION PREVENTION
METAL FILMS
PROTECTIVE COATINGS

NICKEL COMPOUNDS

GS **NICKEL COMPOUNDS**
. COHENITE
. NICKEL FLUORIDES
. NICKEL OXIDES
. SCHREIBERSITE
RT ∞ CHEMICAL COMPOUNDS
∞ GROUP 8 COMPOUNDS
∞ METAL COMPOUNDS

NICKEL FLUORIDES

GS HALOGEN COMPOUNDS
. FLUORINE COMPOUNDS
. . . FLUORIDES
. . . METAL FLUORIDES
. . . **NICKEL FLUORIDES**
. HALIDES
. METAL HALIDES
. . . **NICKEL FLUORIDES**
NICKEL COMPOUNDS
. **NICKEL FLUORIDES**

NICKEL HYDROGEN BATTERIES

GS ELECTROCHEMICAL CELLS
. ELECTRIC BATTERIES
. . . STORAGE BATTERIES
. . . **NICKEL HYDROGEN BATTERIES**
RT ENERGY STORAGE
HYDROGEN-BASED ENERGY
SPACECRAFT POWER SUPPLIES

NICKEL ISOTOPES

GS CHEMICAL ELEMENTS
. NICKEL
. . . **NICKEL ISOTOPES**
. NUCLIDES
. . . ISOTOPES
. . . **NICKEL ISOTOPES**
METALS
. TRANSITION METALS
. . . NICKEL
. . . **NICKEL ISOTOPES**

NICKEL OXIDES

GS CHALCOGENIDES
. OXIDES
. . . METAL OXIDES
. . . **NICKEL OXIDES**
NICKEL COMPOUNDS
. **NICKEL OXIDES**

NICKEL PLATE

GS PLATING
. **NICKEL PLATE**
RT ELECTROPLATING
GOLD COATINGS

NICKEL STEELS

GS ALLOYS
. IRON ALLOYS
. . . STEELS

NICKEL ZINC BATTERIES

NICKEL STEELS-(CONT.)

RT . . . NICKEL STEELS
STAINLESS STEELS

NICKEL ZINC BATTERIES

UF ZINC NICKEL BATTERIES
GS ELECTRIC GENERATORS
. DIRECT POWER GENERATORS
. PRIMARY BATTERIES
. DRY CELLS
. . . . NICKEL ZINC BATTERIES
ELECTROCHEMICAL CELLS
. ELECTRIC BATTERIES
. PRIMARY BATTERIES
. DRY CELLS
. . . . NICKEL ZINC BATTERIES
. STORAGE BATTERIES
. . . . NICKEL ZINC BATTERIES
RT NICKEL-IRON BATTERIES

NICKEL-IRON BATTERIES

GS ELECTROCHEMICAL CELLS
. ELECTRIC BATTERIES
. . . NICKEL-IRON BATTERIES
RT LEAD ACID BATTERIES
NICKEL ZINC BATTERIES
STORAGE BATTERIES

NICOTINAMIDE

GS HETEROCYCLIC COMPOUNDS
. ALKALOIDS
. . . NICOTINAMIDE
NITROGEN COMPOUNDS
. ALKALOIDS
. . . NICOTINAMIDE
. AMIDES
. . . NICOTINAMIDE
VITAMINS
. NICOTINAMIDE

NICOTINE

GS HETEROCYCLIC COMPOUNDS
. ALKALOIDS
. . . NICOTINE
NITROGEN COMPOUNDS
. ALKALOIDS
. . . NICOTINE
RT TOBACCO

NICOTINIC ACID

GS HETEROCYCLIC COMPOUNDS
. . . NICOTINIC ACID
PYRIDINES
. NICOTINIC ACID
VITAMINS
. NICOTINIC ACID

NIGELLA

GS PLANTS (BOTANY)
. NIGELLA
RT BOTANY

NIGER

RT AFRICA
NATIONS

NIGERIA

RT AFRICA
NATIONS

NIGHT

RT DARKENING
DARKNESS
DAYTIME
DIURNAL VARIATIONS
EVENING
SHADOWS
SKY BRIGHTNESS
TWILIGHT GLOW

NIGHT AIRGLOW

USE NIGHTGLOW

NIGHT E LAYER

USE E REGION
NIGHT SKY

NIGHT F LAYER

USE F REGION
NIGHT SKY

NIGHT FLIGHTS (AIRCRAFT)

RT APPROACH CONTROL
BLIND LANDING

NIGHT FLIGHTS (AIRCRAFT)-(CONT.)

DARKNESS
FLIGHT INSTRUMENTS
INSTRUMENT APPROACH
INSTRUMENT LANDING SYSTEMS
NAP-OF-THE-EARTH NAVIGATION
RADAR
RADIO BEACONS
VISIBILITY

NIGHT SKY

UF NIGHT E LAYER
NIGHT F LAYER
GS SKY
RT . . . NIGHT SKY
AIRGLOW
AURORAS
GEGENSCHNEID
NIGHTGLOW
SKY BRIGHTNESS
TWILIGHT GLOW
ZODIACAL LIGHT

NIGHT VISION

GS VISION
RT . . . NIGHT VISION
DARK ADAPTATION
IMAGE INTENSIFIERS
LIGHT ADAPTATION
MICROCHANNELS
NAP-OF-THE-EARTH NAVIGATION

NIGHTGLOW

UF NIGHT AIRGLOW
GS ATMOSPHERIC RADIATION
. SKY RADIATION
. AIRGLOW
. . . NIGHTGLOW
ELECTROMAGNETIC RADIATION
. LIGHT (VISIBLE RADIATION)
. SKY RADIATION
. AIRGLOW
. . . . NIGHTGLOW
RT BIOCLIMATOLOGY
NIGHT SKY
RADIO AURORAS
SKY BRIGHTNESS

NIGOTRONS

GS ELECTRON TUBES
. VACUUM TUBES
. . . VACUUM TUBE OSCILLATORS
. . . MICROWAVE TUBES
. . . . MAGNETRONS
. . . . NIGOTRONS
MICROWAVE EQUIPMENT
. MICROWAVE TUBES
. MAGNETRONS
. . . NIGOTRONS
OSCILLATORS
. VACUUM TUBE OSCILLATORS
. MICROWAVE TUBES
. MAGNETRONS
. . . . NIGOTRONS

NIHON AIRCRAFT

UF NAMC AIRCRAFT
GS . . . NIHON AIRCRAFT
. YS-11 AIRCRAFT
RT ∞ AIRCRAFT

NIHON YS-11 AIRCRAFT

USE YS-11 AIRCRAFT

NIKE BOOSTER ROCKET ENGINES

GS ENGINES
. ROCKET ENGINES
. . . BOOSTER ROCKET ENGINES
. . . NIKE BOOSTER ROCKET ENGINES
. . . SOLID PROPELLANT ROCKET ENGINES
. . . . NIKE BOOSTER ROCKET ENGINES
RT ∞ NIKE ROCKETS

NIKE MISSILES

GS MISSILES
. SURFACE TO AIR MISSILES
. . . NIKE MISSILES
. . . NIKE-AJAX MISSILE
. . . NIKE-HERCULES MISSILE
. . . NIKE-ZEUS MISSILE
RT ANTI-AIRCRAFT MISSILES
ANTI-MISSILE MISSILES
∞ NIKE ROCKETS
SENTINEL SYSTEM

NASA THESAURUS (VOLUME 1)

NIKE PROJECT

GS PROGRAMS
. PROJECTS
. . . NIKE PROJECT
RT ∞ NIKE ROCKETS

NIKE ROCKET VEHICLES

GS ROCKET VEHICLES
. MULTISTAGE ROCKET VEHICLES
. . . NIKE ROCKET VEHICLES
. . . NIKE-APACHE ROCKET VEHICLE
. . . NIKE-ASP ROCKET VEHICLE
. . . NIKE-CAJUN ROCKET VEHICLE
. . . NIKE-HYDAC ROCKET VEHICLE
. . . NIKE-IROQUOIS ROCKET VEHICLE
. . . NIKE-JAVELIN ROCKET VEHICLE
. . . NIKE-TOMAHAWK ROCKET VEHICLE
RT ∞ NIKE ROCKETS

∞ NIKE ROCKETS

SN *(USE OF A MORE SPECIFIC TERM IS
RECOMMENDED-CONSULT THE TERMS
LISTED BELOW)*
RT NIKE BOOSTER ROCKET ENGINES
NIKE MISSILES
NIKE PROJECT
NIKE ROCKET VEHICLES

NIKE X SYSTEMS

GS WEAPON SYSTEMS
. MISSILE SYSTEMS
. . . NIKE X SYSTEMS
RT ANTIMISSILE MISSILES
MISSILES
SURFACE TO AIR MISSILES
∞ SYSTEMS

NIKE-AJAX MISSILE

GS MISSILES
. ANTI-AIRCRAFT MISSILES
. . . NIKE-AJAX MISSILE
. SURFACE TO AIR MISSILES
. . . NIKE MISSILES
. . . NIKE-AJAX MISSILE
RT ARGO D-4 ROCKET VEHICLE
ARGO E-5 ROCKET VEHICLE
EXOS SOUNDING ROCKET
JASON ROCKET VEHICLE
LIQUID PROPELLANT ROCKET ENGINES
SOLID PROPELLANT ROCKET ENGINES
STRONGARM ROCKET VEHICLE
TRAILBLAZER 1 REENTRY VEHICLE

NIKE-APACHE ROCKET VEHICLE

GS ROCKET VEHICLES
. MULTISTAGE ROCKET VEHICLES
. . . NIKE ROCKET VEHICLES
. . . NIKE-APACHE ROCKET VEHICLE
RT SOLID PROPELLANT ROCKET ENGINES

NIKE-ASP ROCKET

USE ASP ROCKET VEHICLE

NIKE-ASP ROCKET VEHICLE

GS ROCKET VEHICLES
. MULTISTAGE ROCKET VEHICLES
. . . NIKE ROCKET VEHICLES
. . . NIKE-ASP ROCKET VEHICLE
RT SOLID PROPELLANT ROCKET ENGINES
SOUNDING ROCKETS

NIKE-CAJUN ROCKET VEHICLE

GS ROCKET VEHICLES
. MULTISTAGE ROCKET VEHICLES
. . . NIKE ROCKET VEHICLES
. . . NIKE-CAJUN ROCKET VEHICLE
RT CAJUN ROCKET VEHICLE
SOLID PROPELLANT ROCKET ENGINES

NIKE-HERCULES MISSILE

GS MISSILES
. ANTI-AIRCRAFT MISSILES
. . . NIKE-HERCULES MISSILE
. SURFACE TO AIR MISSILES
. . . NIKE MISSILES
. . . NIKE-HERCULES MISSILE
RT SOLID PROPELLANT ROCKET ENGINES

NIKE-HYDAC ROCKET VEHICLE

GS ROCKET VEHICLES
. MULTISTAGE ROCKET VEHICLES
. . . NIKE ROCKET VEHICLES
. . . NIKE-HYDAC ROCKET VEHICLE
RT ∞ VEHICLES

NASA THESAURUS (VOLUME 1)

NIKE-IROQUOIS ROCKET VEHICLE
 GS ROCKET VEHICLES
 . MULTISTAGE ROCKET VEHICLES
 . NIKE ROCKET VEHICLES
 . NIKE-IROQUOIS ROCKET VEHICLE
 RT ∞ VEHICLES

NIKE-JAVELIN ROCKET VEHICLE
 GS ROCKET VEHICLES
 . MULTISTAGE ROCKET VEHICLES
 . NIKE ROCKET VEHICLES
 . NIKE-JAVELIN ROCKET VEHICLE
 RT SOLID PROPELLANT ROCKET ENGINES
 SOUNDING ROCKETS

NIKE-TOMAHAWK ROCKET VEHICLE
 GS ROCKET VEHICLES
 . MULTISTAGE ROCKET VEHICLES
 . NIKE ROCKET VEHICLES
 . NIKE-TOMAHAWK ROCKET
 VEHICLE
 RT SOLID PROPELLANT ROCKET ENGINES

NIKE-ZEUS MISSILE
 UF ZEUS MISSILE
 GS MISSILES
 . ANTIMISSILE MISSILES
 . NIKE-ZEUS MISSILE
 . SURFACE TO AIR MISSILES
 . NIKE MISSILES
 . NIKE-ZEUS MISSILE
 RT SOLID PROPELLANT ROCKET ENGINES
 SPARTAN MISSILE
 SPRINT MISSILE
 TX-135 ENGINE

NIMBOSTRATUS CLOUDS
 UF NIMBUS CLOUDS
 GS CLOUDS
 . CLOUDS (METEOROLOGY)
 . CONVECTION CLOUDS
 . NIMBOSTRATUS CLOUDS
 RT CUMULONIMBUS CLOUDS
 PRECIPITATION (METEOROLOGY)
 STRATUS CLOUDS

NIMBUS CLOUDS
 USE NIMBOSTRATUS CLOUDS

NIMBUS F SATELLITE
 GS SATELLITES
 . ARTIFICIAL SATELLITES
 . METEOROLOGICAL SATELLITES
 . NIMBUS SATELLITES
 . NIMBUS F SATELLITE
 . EARTH SATELLITES
 . METEOROLOGICAL SATELLITES
 . NIMBUS SATELLITES
 . NIMBUS F SATELLITE

NIMBUS G SATELLITE
 GS SATELLITES
 . ARTIFICIAL SATELLITES
 . METEOROLOGICAL SATELLITES
 . NIMBUS SATELLITES
 . NIMBUS G SATELLITE
 . EARTH SATELLITES
 . METEOROLOGICAL SATELLITES
 . NIMBUS SATELLITES
 . NIMBUS G SATELLITE

NIMBUS PROJECT
 GS PROGRAMS
 . NASA PROGRAMS
 . NIMBUS PROJECT
 . PROJECTS
 . NIMBUS PROJECT
 RT CLOUD PHOTOGRAPHY
 METEOROLOGICAL SATELLITES
 SATELLITE OBSERVATION

NIMBUS SATELLITES
 GS SATELLITES
 . ARTIFICIAL SATELLITES
 . METEOROLOGICAL SATELLITES
 . NIMBUS SATELLITES
 . NIMBUS F SATELLITE

NIMBUS SATELLITES-(CONT.)
 NIMBUS G SATELLITE
 NIMBUS 1 SATELLITE
 NIMBUS 2 SATELLITE
 NIMBUS 3 SATELLITE
 NIMBUS 4 SATELLITE
 NIMBUS 5 SATELLITE
 NIMBUS 6 SATELLITE
 NIMBUS 7 SATELLITE
 . EARTH SATELLITES
 . METEOROLOGICAL SATELLITES
 . NIMBUS SATELLITES
 . NIMBUS F SATELLITE
 . NIMBUS G SATELLITE
 . NIMBUS 1 SATELLITE
 . NIMBUS 2 SATELLITE
 . NIMBUS 3 SATELLITE
 . NIMBUS 4 SATELLITE
 . NIMBUS 5 SATELLITE
 . NIMBUS 6 SATELLITE
 . NIMBUS 7 SATELLITE
 RT CLOUD PHOTOGRAPHY
 ESSA SATELLITES
 INFRARED PHOTOGRAPHY
 SATELLITE OBSERVATION
 THOR AGENA LAUNCH VEHICLE

NIMBUS 1 SATELLITE
 GS SATELLITES
 . ARTIFICIAL SATELLITES
 . METEOROLOGICAL SATELLITES
 . NIMBUS SATELLITES
 . NIMBUS 1 SATELLITE
 . EARTH SATELLITES
 . METEOROLOGICAL SATELLITES
 . NIMBUS SATELLITES
 . NIMBUS 1 SATELLITE
 RT CLOUD PHOTOGRAPHY
 THOR AGENA LAUNCH VEHICLE

NIMBUS 2 SATELLITE
 GS SATELLITES
 . ARTIFICIAL SATELLITES
 . METEOROLOGICAL SATELLITES
 . NIMBUS SATELLITES
 . NIMBUS 2 SATELLITE
 . EARTH SATELLITES
 . METEOROLOGICAL SATELLITES
 . NIMBUS SATELLITES
 . NIMBUS 2 SATELLITE
 RT CLOUD PHOTOGRAPHY
 THOR AGENA LAUNCH VEHICLE

NIMBUS 3 SATELLITE
 GS SATELLITES
 . ARTIFICIAL SATELLITES
 . METEOROLOGICAL SATELLITES
 . NIMBUS SATELLITES
 . NIMBUS 3 SATELLITE
 . EARTH SATELLITES
 . METEOROLOGICAL SATELLITES
 . NIMBUS SATELLITES
 . NIMBUS 3 SATELLITE

NIMBUS 4 SATELLITE
 GS SATELLITES
 . ARTIFICIAL SATELLITES
 . METEOROLOGICAL SATELLITES
 . NIMBUS SATELLITES
 . NIMBUS 4 SATELLITE
 . EARTH SATELLITES
 . METEOROLOGICAL SATELLITES
 . NIMBUS SATELLITES
 . NIMBUS 4 SATELLITE

NIMBUS 5 SATELLITE
 GS SATELLITES
 . ARTIFICIAL SATELLITES
 . METEOROLOGICAL SATELLITES
 . NIMBUS SATELLITES
 . NIMBUS 5 SATELLITE
 . EARTH SATELLITES
 . METEOROLOGICAL SATELLITES
 . NIMBUS SATELLITES
 . NIMBUS 5 SATELLITE

NIMBUS 6 SATELLITE
 GS SATELLITES
 . ARTIFICIAL SATELLITES
 . METEOROLOGICAL SATELLITES
 . NIMBUS SATELLITES
 . NIMBUS 6 SATELLITE
 . EARTH SATELLITES
 . METEOROLOGICAL SATELLITES
 . NIMBUS SATELLITES

NIOBIUM IODIDES

NIMBUS 6 SATELLITE-(CONT.)
 NIMBUS 6 SATELLITE

NIMBUS 7 SATELLITE
 GS SATELLITES
 . ARTIFICIAL SATELLITES
 . METEOROLOGICAL SATELLITES
 . NIMBUS SATELLITES
 . NIMBUS 7 SATELLITE
 . EARTH SATELLITES
 . METEOROLOGICAL SATELLITES
 . NIMBUS SATELLITES
 . NIMBUS 7 SATELLITE

NIMONIC ALLOYS
 GS ALLOYS
 . HEAT RESISTANT ALLOYS
 . NIMONIC ALLOYS
 RT IRON ALLOYS
 NICKEL ALLOYS

NIMPHE (ENGINE)
 USE HYDRAZINE ENGINES

NIMROD ACCELERATOR
 GS PARTICLE ACCELERATORS
 . NIMROD ACCELERATOR

NIOBATES
 GS NIOBIUM COMPOUNDS
 . NIOBATES
 . CALCIUM NIOBATES
 RT EUXENITE
 OXIDES
 ∞ OXYGEN COMPOUNDS

NIOBIUM
 UF COLUMBIUM
 GS CHEMICAL ELEMENTS
 . REFRACTORY METALS
 . NIOBIUM
 . NIOBIUM ISOTOPES
 . NIOBIUM 95
 METALS
 . TRANSITION METALS
 . REFRACTORY METALS
 . NIOBIUM
 . NIOBIUM ISOTOPES
 . NIOBIUM 95
 REFRACTORY MATERIALS
 . REFRACTORY METALS
 . NIOBIUM
 . NIOBIUM ISOTOPES
 . NIOBIUM 95

NIOBIUM ALLOYS
 GS ALLOYS
 . HEAT RESISTANT ALLOYS
 . REFRACTORY METAL ALLOYS
 . NIOBIUM ALLOYS
 REFRACTORY MATERIALS
 . REFRACTORY METAL ALLOYS
 . NIOBIUM ALLOYS

NIOBIUM CARBIDES
 GS CARBON COMPOUNDS
 . CARBIDES
 . NIOBIUM CARBIDES
 NIOBIUM COMPOUNDS
 . NIOBIUM CARBIDES

NIOBIUM COMPOUNDS
 GS NIOBIUM COMPOUNDS
 . NIOBATES
 . CALCIUM NIOBATES
 . NIOBIUM CARBIDES
 . NIOBIUM IODIDES
 . NIOBIUM OXIDES
 . NIOBIUM STANNIDES
 RT ∞ GROUP 5B COMPOUNDS
 ∞ METAL COMPOUNDS

NIOBIUM IODIDES
 GS HALOGEN COMPOUNDS
 . HALIDES
 . METAL HALIDES
 . NIOBIUM IODIDES
 . IODINE COMPOUNDS
 . IODIDES
 . NIOBIUM IODIDES
 NIOBIUM COMPOUNDS
 . NIOBIUM IODIDES

NIOBIUM ISOTOPES

NIOBIUM ISOTOPES

GS CHEMICAL ELEMENTS
 NUCLIDES
 ISOTOPES
 NIOBIUM ISOTOPES
 NIOBIUM 95
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 NIOBIUM
 NIOBIUM ISOTOPES
 NIOBIUM 95
METALS
 TRANSITION METALS
 REFRACTORY METALS
 NIOBIUM
 NIOBIUM ISOTOPES
 NIOBIUM 95
REFRACTORY MATERIALS
 REFRACTORY METALS
 NIOBIUM
 NIOBIUM ISOTOPES
 NIOBIUM 95

NIOBIUM OXIDES

GS CHALCOGENIDES
 OXIDES
 METAL OXIDES
 NIOBIUM OXIDES
NIOBIUM COMPOUNDS
 NIOBIUM OXIDES

NIOBIUM STANNIDES

GS NIOBIUM COMPOUNDS
 NIOBIUM STANNIDES
TIN COMPOUNDS
 STANNIDES
 NIOBIUM STANNIDES

NIOBIUM 95

GS CHEMICAL ELEMENTS
 NUCLIDES
 ISOTOPES
 NIOBIUM ISOTOPES
 NIOBIUM 95
 RADIOACTIVE ISOTOPES
 NIOBIUM 95
 REFRACTORY METALS
 NIOBIUM
 NIOBIUM ISOTOPES
 NIOBIUM 95
METALS
 TRANSITION METALS
 REFRACTORY METALS
 NIOBIUM
 NIOBIUM ISOTOPES
 NIOBIUM 95
REFRACTORY MATERIALS
 REFRACTORY METALS
 NIOBIUM
 NIOBIUM ISOTOPES
 NIOBIUM 95

NIPS (SYSTEM)

USE NASA INTERACTIVE PLANNING SYSTEM

NITINOL ALLOYS

GS ALLOYS
 NICKEL ALLOYS
 NITINOL ALLOYS
 SHAPE MEMORY ALLOYS
 NITINOL ALLOYS
 TITANIUM ALLOYS
 NITINOL ALLOYS

NITRAMINE PROPELLANTS

GS PROPELLANTS
 ROCKET PROPELLANTS
 NITRAMINE PROPELLANTS
 SOLID PROPELLANTS
 NITRAMINE PROPELLANTS
RT OXIDIZERS

NITRASOL EXPLOSIVES

GS EXPLOSIVES
 NITRASOL EXPLOSIVES
PROPELLANTS
 NITRASOL EXPLOSIVES

NITRATE ESTERS

GS ALIPHATIC COMPOUNDS
 NITRATE ESTERS
 ISOPROPYL NITRATE
 PROPYL NITRATE
ESTERS
 NITRATE ESTERS
 ISOPROPYL NITRATE

NITRATE ESTERS-(CONT.)

 PROPYL NITRATE
NITROGEN COMPOUNDS
 NITRATE ESTERS
 ISOPROPYL NITRATE
 PROPYL NITRATE

NITRATES

GS NITROGEN COMPOUNDS
 NITRATES
 DINITRATES
 INORGANIC NITRATES
 AMMONIUM NITRATES
 HYDRAZINE NITRATE
 POTASSIUM NITRATES
 SILVER NITRATES
 SODIUM NITRATES
 METHYL NITRATE
 ORGANIC NITRATES
 CELLULOSE NITRATE
 NITROFORMS
 HYDRAZINE NITROFORM
 NITROGLYCERIN
 PETN

NITRATION

GS CHEMICAL REACTIONS
 NITRATION
RT DENITROGENATION

NITRIC ACID

GS ACIDS
 NITRIC ACID
NITROGEN COMPOUNDS
 NITRIC ACID

NITRIC OXIDE

GS CHALCOGENIDES
 OXIDES
 NITROGEN OXIDES
 NITRIC OXIDE
NITROGEN COMPOUNDS
 NITROGEN OXIDES
 NITRIC OXIDE
RT NITROSYLS

NITRIDES

GS NITROGEN COMPOUNDS
 NITRIDES
 ALUMINUM NITRIDES
 BERYLLIUM NITRIDES
 BORON NITRIDES
 OXYNITRIDES
 SILICON NITRIDES
 TANTALUM NITRIDES
 TITANIUM NITRIDES
 ZIRCONIUM NITRIDES
RT CERAMIC NUCLEAR FUELS
MOLTEN SALTS

NITRIDING

GS CHEMICAL REACTIONS
 NITRIDING
HARDENING (MATERIALS)
 NITRIDING
HEAT TREATMENT
 NITRIDING

NITRILES

GS NITRILES
 ACRYLONITRILES
 MALONONITRILE
 PHOSPHONITRILES
RT CYANO COMPOUNDS

NITRITES

GS NITROGEN COMPOUNDS
 NITRITES
RT ALIPHATIC COMPOUNDS

NITRO COMPOUNDS

GS NITROGEN COMPOUNDS
 NITRO COMPOUNDS
 NITROBENZENES
 TRINITROTOLUENE
 NITROGLYCERIN
 NITROGUANIDINE
 NITROMETHANE
 NITROPROPANE
 PICRATES
 AMMONIUM PICRATES
 POLYBUTADIENE TETRANITRAMINE
 TETRYL
 TRINITRO COMPOUNDS

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NITROAMINES

GS ALIPHATIC COMPOUNDS
 NITROAMINES
AMINES
 NITROAMINES
NITROGEN COMPOUNDS
 NITROAMINES

NITROBACTER

GS MICROORGANISMS
 BACTERIA
 NITROBACTER

NITROBENZENES

GS NITROGEN COMPOUNDS
 NITRO COMPOUNDS
 NITROBENZENES
 TRINITROTOLUENE

NITROCELLULOSE

USE CELLULOSE NITRATE

NITROFLUORAMINES

GS ALIPHATIC COMPOUNDS
 FLUOROAMINES
 NITROFLUORAMINES
AMINES
 FLUOROAMINES
 NITROFLUORAMINES
HALOGEN COMPOUNDS
 FLUORINE COMPOUNDS
 FLUORO COMPOUNDS
 FLUORINE ORGANIC COMPOUNDS
 FLUOROAMINES
 NITROFLUORAMINES
NITROGEN COMPOUNDS
 NITROFLUORAMINES
ORGANIC COMPOUNDS
 FLUORINE ORGANIC COMPOUNDS
 FLUOROAMINES
 NITROFLUORAMINES

NITROFORMATES

GS FORMATES
 NITROFORMATES
NITROGEN COMPOUNDS
 NITROFORMATES

NITROFORMS

GS ESTERS
 ORGANIC NITRATES
 NITROFORMS
 HYDRAZINE NITROFORM
NITROGEN COMPOUNDS
 NITRATES
 ORGANIC NITRATES
 NITROFORMS
 HYDRAZINE NITROFORM

NITROGEN

GS CHEMICAL ELEMENTS
 NITROGEN
 LIQUID NITROGEN
 NITROGEN ATOMS
 NITROGEN IONS
 NITROGEN ISOTOPES
 NITROGEN 15
 NITROGEN 16
 SOLID NITROGEN
GASES
 NITROGEN
 LIQUID NITROGEN
 NITROGEN IONS
RT KJELDAHL METHOD
NITROGEN LASERS
NITROLYSIS
REACTION BONDING
SIALON
VEGARD-KAPLAN BANDS
WOLF-RAYET STARS

NITROGEN ATOMS

GS ATOMS
 NITROGEN ATOMS
CHEMICAL ELEMENTS
 NITROGEN
 NITROGEN ATOMS

NITROGEN COMPOUNDS

GS NITROGEN COMPOUNDS
 ACETANILIDE
 ALKALOIDS
 ARECOLINE HYDROBROMIDE
 ATROPINE

NITROGEN COMPOUNDS-(CONT.)

. . . BETAINES
 . . . COLCHICINE
 . . . ERGOTAMINE
 . . . HYOSCINE
 . . . LYSERGINE
 . . . MORPHINE
 . . . NICOTINAMIDE
 . . . NICOTINE
 . . . PILOCARPINE
 . . . QUINOLINE
 . . . RESERPINE
 . . . TROPYL COMPOUNDS
 . . . AMIDES
 . . . CARBAMIDES
 . . . CYANAMIDES
 . . . FORMHYDROXAMIC ACID
 . . . LYSERGAMIDE
 . . . NICOTINAMIDE
 . . . OXAMIC ACIDS
 . . . POLYIMIDES
 . . . SUCCINIMIDES
 . . . UREAS
 DIFLUOROUREA
 PSEUDOUREA
 THIUREAS
 ISOTHIOUREA
 THIUONIUM
 . . . AMMONIA
 LIQUID AMMONIA
 . . . AZIDES (INORGANIC)
 . . . HYDROGEN AZIDES
 . . . SODIUM AZIDES
 . . . AZIDES (ORGANIC)
 . . . SODIUM AZIDES
 . . . TRIAMINO GUANIDINIUM AZIDE
 . . . TRIAMINO GUANIDINIUM
 HYDRAZONIUM AZIDE
 . . . AZO COMPOUNDS
 . . . RDX
 . . . CYANO COMPOUNDS
 . . . CYANAMIDES
 . . . ISOCYANATES
 . . . DIISOCYANATES
 . . . FULMINATES
 . . . FOLIC ACID
 . . . HYDRAZINIUM COMPOUNDS
 . . . HYDRAZOIC ACID
 . . . HYDRAZONES
 . . . HYDROCYANIC ACID
 . . . IMIDES
 . . . SUCCINIMIDES
 . . . IMINES
 . . . NITRATE ESTERS
 . . . ISOPROPYL NITRATE
 . . . PROPYL NITRATE
 . . . NITRATES
 . . . DINITRATES
 . . . INORGANIC NITRATES
 AMMONIUM NITRATES
 HYDRAZINE NITRATE
 POTASSIUM NITRATES
 SILVER NITRATES
 SODIUM NITRATES
 . . . METHYL NITRATE
 . . . ORGANIC NITRATES
 CELLULOSE NITRATE
 NITROFORMS
 HYDRAZINE NITROFORM
 NITROGLYCERIN
 PETN
 . . . NITRIC ACID
 . . . NITRIDES
 ALUMINUM NITRIDES
 BERYLLIUM NITRIDES
 BORON NITRIDES
 OXYNITRIDES
 SILICON NITRIDES
 TANTALUM NITRIDES
 TITANIUM NITRIDES
 ZIRCONIUM NITRIDES
 . . . NITRITES
 . . . NITRO COMPOUNDS
 NITROBENZENES
 TRINITROTOLUENE
 . . . NITROGLYCERIN
 . . . NITROGUANIDINE
 . . . NITROMETHANE
 . . . NITROPROPANE
 . . . PICRATES
 AMMONIUM PICRATES
 POLYBUTADIENE TETRANITRAMINE
 . . . TETRYL
 . . . TRINITRO COMPOUNDS
 . . . NITROAMINES
 . . . NITROFLUORAMINES

NITROGEN COMPOUNDS-(CONT.)

. . . NITROFORMATES
 . . . NITROGEN FLUORIDES
 . . . NITROGEN HYDRIDES
 . . . NITROGEN OXIDES
 NITRIC OXIDE
 NITROGEN DIOXIDE
 NITROGEN TETROXIDE
 NITROUS OXIDES
 . . . NITROGEN POLYMERS
 . . . NITROSAMINE
 . . . NITROSO COMPOUNDS
 NITROSOLS
 NITROXYCHLORIDES
 NITRYL CHLORIDES
 NITRYL FLUORIDES
 PHOSPHONITRILES
 THIAZINE (TRADEMARK)
 THYMINES
 TRINITRAMINE
 TRYPTOPHAN
 URACIL
 XANTHINES
 CAFFEINE
 GUANINES
 URIC ACID
 RT CHEMICAL COMPOUNDS
 CYANIDES
 GROUP 5A COMPOUNDS
 PHOSPHAZENE

NITROGEN DIOXIDE

GS . . . CHALCOGENIDES
 . . . OXIDES
 NITROGEN OXIDES
 NITROGEN DIOXIDE
 NITROGEN COMPOUNDS
 NITROGEN OXIDES
 NITROGEN DIOXIDE

NITROGEN FLUORIDES

GS . . . HALOGEN COMPOUNDS
 . . . FLUORINE COMPOUNDS
 FLUORIDES
 NITROGEN FLUORIDES
 HALIDES
 FLUORIDES
 NITROGEN FLUORIDES
 NITROGEN COMPOUNDS
 NITROGEN FLUORIDES

NITROGEN HYDRIDES

GS . . . HYDROGEN COMPOUNDS
 . . . HYDRIDES
 NITROGEN HYDRIDES
 NITROGEN COMPOUNDS
 NITROGEN HYDRIDES
 RT . . . AMMONIA
 . . . HYDRAZOIC ACID

NITROGEN IONS

GS . . . CHEMICAL ELEMENTS
 . . . NITROGEN
 NITROGEN IONS
 . . . GASES
 NITROGEN
 NITROGEN IONS
 . . . IONS
 NITROGEN IONS
 RT . . . NEGATIVE IONS

NITROGEN ISOTOPES

GS . . . CHEMICAL ELEMENTS
 . . . NITROGEN
 NITROGEN ISOTOPES
 NITROGEN 15
 NITROGEN 16
 NUCLIDES
 ISOTOPES
 NITROGEN ISOTOPES
 NITROGEN 15
 NITROGEN 16

NITROGEN LASERS

GS . . . STIMULATED EMISSION DEVICES
 . . . LASERS
 GAS LASERS
 NITROGEN LASERS
 RT . . . LASING
 . . . NITROGEN
 . . . POPULATION INVERSION
 . . . PULSED LASERS
 . . . ULTRAVIOLET LASERS

NITROGEN METABOLISM

GS . . . METABOLISM
 NITROGEN METABOLISM
 RT . . . BIOCHEMISTRY
 BIOLOGY
 ENZYMOLOGY
 HYDROGEN METABOLISM
 NUTRITION

NITROGEN OXIDES

GS . . . CHALCOGENIDES
 . . . OXIDES
 NITROGEN OXIDES
 NITRIC OXIDE
 NITROGEN DIOXIDE
 NITROGEN TETROXIDE
 NITROUS OXIDES
 NITROGEN COMPOUNDS
 NITROGEN OXIDES
 NITRIC OXIDE
 NITROGEN DIOXIDE
 NITROGEN TETROXIDE
 NITROUS OXIDES
 RT . . . NITROSOLS
 . . . PHOTOCHEMICAL OXIDANTS

NITROGEN PLASMA

GS . . . GASES
 IONIZED GASES
 CHARGED PARTICLES
 NITROGEN PLASMA
 PARTICLES
 CHARGED PARTICLES
 ENERGETIC PARTICLES
 PLASMAS (PHYSICS)
 NITROGEN PLASMA

NITROGEN POLYMERS

GS . . . NITROGEN COMPOUNDS
 NITROGEN POLYMERS
 RT POLYMERS

NITROGEN TETROXIDE

GS . . . CHALCOGENIDES
 . . . OXIDES
 NITROGEN OXIDES
 NITROGEN TETROXIDE
 NITROGEN COMPOUNDS
 NITROGEN OXIDES
 NITROGEN TETROXIDE
 RT . . . LIQUID ROCKET PROPELLANTS
 . . . ROCKET OXIDIZERS

NITROGEN 15

GS . . . CHEMICAL ELEMENTS
 . . . NITROGEN
 NITROGEN ISOTOPES
 NITROGEN 15
 NUCLIDES
 ISOTOPES
 NITROGEN ISOTOPES
 NITROGEN 15

NITROGEN 16

GS . . . CHEMICAL ELEMENTS
 . . . NITROGEN
 NITROGEN ISOTOPES
 NITROGEN 16
 NUCLIDES
 ISOTOPES
 NITROGEN ISOTOPES
 NITROGEN 16
 RADIOACTIVE ISOTOPES
 NITROGEN 16

NITROGLYCERIN

GS . . . ESTERS
 ORGANIC NITRATES
 NITROGLYCERIN
 NITROGEN COMPOUNDS
 NITRATES
 ORGANIC NITRATES
 NITROGLYCERIN
 NITRO COMPOUNDS
 NITROGLYCERIN
 RT . . . DOUBLE BASE PROPELLANTS
 . . . DOUBLE BASE ROCKET PROPELLANTS
 . . . DYNAMITE
 . . . EXPLOSIVES
 . . . GLYCERIDES
 . . . GLYCEROLS

NITROGUANIDINE

UF . . . HBNO
 GS . . . NITROGEN COMPOUNDS

NITROLYSIS

NITROGUANIDINE-(CONT.)

- . NITRO COMPOUNDS
- . . NITROGUANIDINE
- RT EXPLOSIVES
- SOLID PROPELLANTS

NITROLYSIS

- GS CHEMICAL REACTIONS
- . NITROLYSIS
- DECOMPOSITION
- . NITROLYSIS
- RT CRACKING (CHEMICAL ENGINEERING)
- NITROGEN

NITROMETHANE

- GS NITROGEN COMPOUNDS
- . NITRO COMPOUNDS
- . . NITROMETHANE
- RT BSX
- EXPLOSIVES

NITRONIUM COMPOUNDS

- GS NITRONIUM COMPOUNDS
- . NITRONIUM PERCHLORATE

NITRONIUM PERCHLORATE

- GS HALOGEN COMPOUNDS
- . CHLORINE COMPOUNDS
- . . PERCHLORATES
- . . . NITRONIUM PERCHLORATE
- NITRONIUM COMPOUNDS
- . NITRONIUM PERCHLORATE
- RT ROCKET OXIDIZERS

NITROPROPANE

- GS ALIPHATIC COMPOUNDS
- . ALKANES
- . . NITROPROPANE
- HYDROCARBONS
- . ALKANES
- . . NITROPROPANE
- NITROGEN COMPOUNDS
- . NITRO COMPOUNDS
- . . NITROPROPANE
- RT PROPANE

NITROSAMINE

- GS ALIPHATIC COMPOUNDS
- . NITROSAMINE
- AMINES
- . NITROSAMINE
- NITROGEN COMPOUNDS
- . NITROSAMINE

NITROSO COMPOUNDS

- GS NITROGEN COMPOUNDS
- . NITROSO COMPOUNDS
- . . NITROSYLS
- RT ORGANIC COMPOUNDS

NITROSYL CHLORIDES

- GS HALOGEN COMPOUNDS
- . CHLORINE COMPOUNDS
- . . CHLORIDES
- . . . NITROSYL CHLORIDES
- . HALIDES
- . . CHLORIDES
- . . . NITROSYL CHLORIDES
- . NITROSYLS
- . . NITROSYL CHLORIDES

NITROSYL TRIFLUOROACETATE

- GS ACETATES
- . NITROSYL TRIFLUOROACETATE
- ALIPHATIC COMPOUNDS
- . NITROSYL TRIFLUOROACETATE
- ESTERS
- . NITROSYL TRIFLUOROACETATE

NITROSYLS

- GS HALOGEN COMPOUNDS
- . NITROSYLS
- . . NITROSYL CHLORIDES
- NITROGEN COMPOUNDS
- . NITROSO COMPOUNDS
- . . NITROSYLS
- RT ALIPHATIC COMPOUNDS
- AMINES
- ESTERS
- HALIDES
- NITRIC OXIDE
- NITROGEN OXIDES

NITROUS OXIDES

- GS CHALCOGENIDES
- . OXIDES
- . . NITROGEN OXIDES
- . . . NITROUS OXIDES
- NITROGEN COMPOUNDS
- . NITROGEN OXIDES
- . . NITROUS OXIDES

NITROXYCHLORIDES

- GS HALOGEN COMPOUNDS
- . CHLORINE COMPOUNDS
- . . CHLORIDES
- . . . NITROXYCHLORIDES
- . HALIDES
- . . CHLORIDES
- . . . NITROXYCHLORIDES
- NITROGEN COMPOUNDS
- . NITROXYCHLORIDES

NITRYL CHLORIDES

- GS HALOGEN COMPOUNDS
- . CHLORINE COMPOUNDS
- . . CHLORIDES
- . . . NITRYL CHLORIDES
- . HALIDES
- . . CHLORIDES
- . . . NITRYL CHLORIDES
- NITROGEN COMPOUNDS
- . NITRYL CHLORIDES

NITRYL FLUORIDES

- GS NITROGEN COMPOUNDS
- . NITRYL FLUORIDES

NMR

- USE NUCLEAR MAGNETIC RESONANCE

NOAA SATELLITES

- GS SATELLITES
- . ARTIFICIAL SATELLITES
- . . METEOROLOGICAL SATELLITES
- . . . NOAA SATELLITES
- NOAA 2 SATELLITE
- NOAA 3 SATELLITE
- NOAA 4 SATELLITE
- NOAA 5 SATELLITE
- NOAA 6 SATELLITE
- NOAA 7 SATELLITE
- . EARTH SATELLITES
- . . METEOROLOGICAL SATELLITES
- . . . NOAA SATELLITES
- NOAA 2 SATELLITE
- NOAA 3 SATELLITE
- NOAA 4 SATELLITE
- NOAA 5 SATELLITE
- NOAA 6 SATELLITE
- RT SMS 1
- SMS 2

NOAA 2 SATELLITE

- GS SATELLITES
- . ARTIFICIAL SATELLITES
- . . METEOROLOGICAL SATELLITES
- . . . NOAA SATELLITES
- NOAA 2 SATELLITE
- . EARTH SATELLITES
- . . METEOROLOGICAL SATELLITES
- . . . NOAA SATELLITES
- NOAA 2 SATELLITE

NOAA 3 SATELLITE

- GS SATELLITES
- . ARTIFICIAL SATELLITES
- . . METEOROLOGICAL SATELLITES
- . . . NOAA SATELLITES
- NOAA 3 SATELLITE
- . EARTH SATELLITES
- . . METEOROLOGICAL SATELLITES
- . . . NOAA SATELLITES
- NOAA 3 SATELLITE

NOAA 4 SATELLITE

- GS SATELLITES
- . ARTIFICIAL SATELLITES
- . . METEOROLOGICAL SATELLITES
- . . . NOAA SATELLITES
- NOAA 4 SATELLITE
- . EARTH SATELLITES
- . . METEOROLOGICAL SATELLITES
- . . . NOAA SATELLITES
- NOAA 4 SATELLITE

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NOAA 5 SATELLITE

- GS SATELLITES
- . ARTIFICIAL SATELLITES
- . . METEOROLOGICAL SATELLITES
- . . . NOAA SATELLITES
- NOAA 5 SATELLITE
- . EARTH SATELLITES
- . . METEOROLOGICAL SATELLITES
- . . . NOAA SATELLITES
- NOAA 5 SATELLITE

NOAA 6 SATELLITE

- GS SATELLITES
- . ARTIFICIAL SATELLITES
- . . METEOROLOGICAL SATELLITES
- . . . NOAA SATELLITES
- NOAA 6 SATELLITE
- . EARTH SATELLITES
- . . METEOROLOGICAL SATELLITES
- . . . NOAA SATELLITES
- NOAA 6 SATELLITE
- RT TIROS N SERIES SATELLITES

NOAA 7 SATELLITE

- GS SATELLITES
- . ARTIFICIAL SATELLITES
- . . METEOROLOGICAL SATELLITES
- . . . NOAA SATELLITES
- NOAA 7 SATELLITE
- RT TIROS N SATELLITE

NOAA-A SATELLITE

- USE TIROS N SATELLITE

NOBELIUM

- GS CHEMICAL ELEMENTS
- . ACTINIDE SERIES
- . . TRANSURANIUM ELEMENTS
- . . . NOBELIUM
- NUCLIDES
- ISOTOPES
- RADIOACTIVE ISOTOPES
- TRANSURANIUM ELEMENTS
- NOBELIUM
- . HEAVY ELEMENTS
- . . TRANSURANIUM ELEMENTS
- . . . NOBELIUM
- . METALS
- . . ACTINIDE SERIES
- . . . TRANSURANIUM ELEMENTS
- NOBELIUM

NOBLE GASES

- USE RARE GASES

NOBLE METALS

- UF PRECIOUS METALS
- GS METALS
- . NOBLE METALS
- . . GOLD
- . . . GOLD ISOTOPES
- GOLD 198
- RUTHENIUM
- RUTHENIUM ISOTOPES
- SILVER
- SILVER ISOTOPES
- RT ∞ GROUP 1B COMPOUNDS

NOCTILUCENCE

- USE LUMINESCENCE

NOCTILUCENT CLOUDS

- GS CLOUDS
- . CLOUDS (METEOROLOGY)
- . . NOCTILUCENT CLOUDS
- RT LUMINESCENCE

NOCTURNAL VARIATIONS

- GS VARIATIONS
- . MAGNETIC VARIATIONS
- . . NOCTURNAL VARIATIONS
- . . . PERIODIC VARIATIONS
- NOCTURNAL VARIATIONS
- RT DIURNAL VARIATIONS
- GEOMAGNETIC MICROPULSATIONS
- GEOMAGNETIC PULSATIONS

NODES (STANDING WAVES)

- RT ANTINODES
- HARMONICS
- RESONANT FREQUENCIES
- STANDING WAVES
- VIBRATION
- WAVELENGTHS

NODES (STANDING WAVES)-(CONT.)		NOISE INJURIES		NOISE REDUCTION-(CONT.)	
∞ WAVES		GS INJURIES		MUFFLERS	
		RT EAR PROTECTORS		QUIET ENGINE PROGRAM	
NODULES				∞ REDUCTION	
RT LEGUMINOUS PLANTS		NOISE INTENSITY		SHOCK WAVE ATTENUATION	
PARTICLES		RT AIRCRAFT NOISE		SILENCE	
SPHERES		AUDITORY STIMULI		SQUELCH CIRCUITS	
SPHERULITES		EFFECTIVE PERCEIVED NOISE LEVELS		SUPPRESSORS	
		ELECTROMAGNETIC NOISE		VIBRATION ISOLATORS	
		∞ INTENSITY			
NOE NAVIGATION		PSYCHOACOUSTICS		NOISE SPECTRA	
USE NAP-OF-THE-EARTH NAVIGATION		SIRENS		GS SPECTRA	
		SOUND INTENSITY		RT NOISE SPECTRA	
NOESS				BACKGROUND NOISE	
UF NATIONAL OPERATIONAL		NOISE MEASUREMENT		CHANNEL NOISE	
ENVIRONMENTAL SAT SYS		GS ACOUSTIC MEASUREMENT		ELECTROMAGNETIC COMPATIBILITY	
RT METEOROLOGICAL SATELLITES		NOISE MEASUREMENT		ELECTROMAGNETIC NOISE	
METEOROLOGY		RT AERODYNAMIC NOISE		ELECTROMAGNETIC SPECTRA	
NASA PROGRAMS		AIRCRAFT NOISE		NOISE (SOUND)	
OBSERVATION		BACKGROUND NOISE		RADIATION SPECTRA	
SATELLITES		JET AIRCRAFT NOISE		RANDOM NOISE	
∞ SYSTEMS		LOUDNESS		RANDOM SIGNALS	
		∞ MEASUREMENT		SHOCK SPECTRA	
NOISE		NOISE (SOUND)		SIGNAL TO NOISE RATIOS	
SN (USE OF A MORE SPECIFIC TERM IS		SOUND INTENSITY		WHITE NOISE	
RECOMMENDED--CONSULT THE TERMS					
LISTED BELOW)		NOISE METERS		NOISE STORMS	
RT BACKGROUND NOISE		SN (LIMITED TO ACOUSTIC NOISE)		GS STORMS	
CONTINUOUS NOISE		GS MEASURING INSTRUMENTS		RT NOISE STORMS	
EFFECTIVE PERCEIVED NOISE LEVELS		NOISE METERS		COSMIC NOISE	
ELECTROMAGNETIC NOISE		RT ACOUSTIC MEASUREMENT		ELECTROMAGNETIC NOISE	
HUM		FIELD INTENSITY METERS		IONOSPHERIC STORMS	
INFORMATION THEORY		PRESSURE MEASUREMENT		MAGNETIC STORMS	
NOISE (SOUND)				RADIO FREQUENCY INTERFERENCE	
NOISE PROPAGATION				SOLAR STORMS	
NOISE SPECTRA		NOISE POLLUTION			
RANDOM NOISE		GS POLLUTION		NOISE SUPPRESSORS	
SIGNAL TO NOISE RATIOS		RT ACOUSTICS		USE NOISE REDUCTION	
SPATIAL FILTERING		AUDIO FREQUENCIES			
WHITE NOISE		ENVIRONMENT EFFECTS		NOISE TEMPERATURE	
		ENVIRONMENT POLLUTION		GS TEMPERATURE	
NOISE (SOUND)		ENVIRONMENTAL QUALITY		RT NOISE TEMPERATURE	
UF NOISE HAZARDS		HUMAN REACTIONS		ELECTROMAGNETIC NOISE	
GS ELASTIC WAVES		HUMAN TOLERANCES		ELECTRON ENERGY	
SOUND WAVES		PHYSIOLOGICAL EFFECTS		ELECTRON STATES	
NOISE (SOUND)		PHYSIOLOGICAL FACTORS		TEMPERATURE MEASUREMENT	
AERODYNAMIC NOISE		SOUND WAVES		THERMAL NOISE	
AIRCRAFT NOISE					
JET AIRCRAFT NOISE		NOISE PREDICTION		NOISE THRESHOLD	
SONIC BOOMS		GS PREDICTIONS		RT AUDITORY FATIGUE	
ENGINE NOISE		NOISE PREDICTION		AUDITORY PERCEPTION	
ROCKET ENGINE NOISE				BACKGROUND NOISE	
THERMAL NOISE				SIGNAL TO NOISE RATIOS	
RT ACOUSTICS		NOISE PREDICTION (AIRCRAFT)		∞ THRESHOLDS	
AEOLIAN TONES		UF AIRCRAFT NOISE PREDICTION			
AIRCRAFT HAZARDS		GS PREDICTIONS		NOISE TOLERANCE	
AUDITORY STIMULI		NOISE PREDICTION (AIRCRAFT)		RT HAZARDS	
AUDITORY TASKS		RT AEROACOUSTICS		HUMAN TOLERANCES	
BACKGROUND NOISE		AIRCRAFT NOISE		TOLERANCES (PHYSIOLOGY)	
ECHOES		ESTIMATES			
EFFECTIVE PERCEIVED NOISE LEVELS		FORECASTING		NOMAD LAUNCH VEHICLE	
FLIGHT HAZARDS		SOUND WAVES		GS LAUNCH VEHICLES	
HUMAN FACTORS ENGINEERING				NOIMAD LAUNCH VEHICLE	
HYPERSONIC SHOCK		NOISE PROPAGATION		ROCKET VEHICLES	
JET BLAST EFFECTS		RT ACOUSTICS		SINGLE STAGE ROCKET VEHICLES	
LOUDNESS		COHERENCE COEFFICIENT		NOIMAD LAUNCH VEHICLE	
MUFFLERS		CONTINUOUS NOISE		RT ATLAS LAUNCH VEHICLES	
NOISE INJURIES		FAR FIELDS		LIQUID PROPELLANT ROCKET ENGINES	
OPERATIONAL HAZARDS		NOISE SPECTRA			
RANDOM NOISE		SIGNAL TO NOISE RATIOS		NOMENCLATURES	
RANDOM VIBRATION		SOUND PROPAGATION		RT ∞ DEFINITION	
REVERBERATION				DESCRIPTIONS	
SHOCK WAVES		NOISE REDUCTION		DICTIONARIES	
SOUND PRESSURE		UF NOISE ATTENUATION		MNEMONICS	
UNDERWATER ACOUSTICS		NOISE ELIMINATION		SEMANTICS	
WHITE NOISE		NOISE SUPPRESSORS		SYMBOLS	
		ACOUSTIC ATTENUATION		TERMINOLOGY	
NOISE ATTENUATION		ACOUSTIC DUCTS		THESAURI	
USE NOISE REDUCTION		ACOUSTIC RETROFITTING			
		ACOUSTICS		NOMINAL VALUES	
NOISE ELIMINATION		AERODYNAMIC NOISE		USE APPROXIMATION	
USE NOISE REDUCTION		AIRCRAFT NOISE			
		COAXIAL NOZZLES		NOMOGRAMS	
NOISE GENERATORS		DELAYED FLAP APPROACH		USE NOMOGRAMS	
RT ELECTROMAGNETIC NOISE		EAR PROTECTORS			
∞ GENERATORS		ECHO SUPPRESSORS		NOMOGRAMS	
RADIO FREQUENCY INTERFERENCE		EFFECTIVE PERCEIVED NOISE LEVELS		UF ISOPLETHS	
RANDOM NOISE		ELECTRICAL GROUNDING		NOMOGRAMS	
SOUND GENERATORS		ELECTROMAGNETIC INTERFERENCE		GS ANALYSIS (MATHEMATICS)	
SOUND PROPAGATION		ELECTROMAGNETIC NOISE		NUMERICAL ANALYSIS	
		FLIGHT RULES		NOIMOGRAMS	
NOISE HAZARDS		HELMHOLTZ RESONATORS		RT CHARTS	
USE HAZARDS		ISOLATORS		GRAPHS (CHARTS)	
NOISE (SOUND)		JET AIRCRAFT NOISE			
		LOUDNESS			

NONABORANE

NONABORANE

- GS ALIPHATIC COMPOUNDS
 - . **NONABORANE**
 - BORON COMPOUNDS
 - . ORGANIC BORON COMPOUNDS
 - . **NONABORANE**

NONADIABATIC CONDITIONS

- GS CONDITIONS
 - . **NONADIABATIC CONDITIONS**
- RT ENERGY TRANSFER
 - HEAT TRANSFER
 - NONISOTHERMAL PROCESSES
 - THERMODYNAMICS

NONADIABATIC PROCESSES

- USE HEAT TRANSFER

NONADIABATIC THEORY

- RT ADIABATIC EQUATIONS
 - CHARGED PARTICLES
 - ENERGY DISSIPATION
 - IONIZATION CROSS SECTIONS
 - MAGNETIC DISTURBANCES
- ∞ THEORIES
 - WAVE PROPAGATION

NONANES

- GS ALIPHATIC COMPOUNDS
 - . ALKANES
 - . **NONANES**
 - HYDROCARBONS
 - . ALKANES
 - . **NONANES**

NONAQUEOUS ELECTROLYTES

- GS CONDUCTORS
 - . ELECTROLYTES
 - . **NONAQUEOUS ELECTROLYTES**
- RT ELECTRIC BATTERIES
 - ∞ ELECTRIC CELLS
 - ELECTROCHEMISTRY
 - ELECTROLYTIC CELLS
 - PRIMARY BATTERIES
 - STORAGE BATTERIES
 - WET CELLS

NONCONDENSABLE GASES

- GS GASES
 - . **NONCONDENSABLE GASES**
- RT CRITICAL TEMPERATURE
 - GAS-LIQUID INTERACTIONS
 - LIQUEFACTION

NONCONDUCTORS

- USE ELECTRICAL INSULATION

NONCONSERVATIVE FORCES

- RT CONSERVATION
 - CONSERVATION EQUATIONS
 - CONSERVATION LAWS
 - CONTINUITY EQUATION
- ∞ FORCE

NONDESTRUCTIVE TESTS

- UF FLAW DETECTION
- GS **NONDESTRUCTIVE TESTS**
 - . NEUTRON RADIOGRAPHY
 - . PRELAUNCH TESTS
 - . . . STATIC FIRING
- RT ADHESION TESTS
 - CHEMICAL TESTS
 - DESTRUCTIVE TESTS
 - ELECTRONIC EQUIPMENT TESTS
 - ENGINE TESTS
 - HARDNESS TESTS
 - HIGH TEMPERATURE TESTS
 - INSPECTION
 - LOAD TESTS
 - LOW TEMPERATURE TESTS
 - ∞ MATERIALS TESTS
 - QUALITY CONTROL
 - RADIOGRAPHY
 - RELIABILITY
 - STATIC TESTS
 - ∞ TESTS
 - TOLERANCES (MECHANICS)
 - ULTRASONIC FLAW DETECTION
 - ULTRASONIC SPECTROSCOPY
 - ULTRASONIC TESTS
 - X RAY INSPECTION

NONELECTROLYTES

- RT ELECTROLYTES

NONEQUILIBRIUM CONDITIONS

- GS CONDITIONS
 - . **NONEQUILIBRIUM CONDITIONS**
- RT ∞ EQUILIBRIUM
 - UNSTEADY STATE

NONEQUILIBRIUM DRAG

- USE FRICTION DRAG

NONEQUILIBRIUM FLOW

- GS FLUID FLOW
 - . GAS FLOW
 - . . **NONEQUILIBRIUM FLOW**
- RT EQUILIBRIUM FLOW
 - ∞ FLUIDS
 - HEAT TRANSMISSION
 - OSCILLATING FLOW
 - QUASI-STEADY STATES
 - UNSTEADY FLOW

NONEQUILIBRIUM IONIZATION

- GS IONIZATION
 - . **NONEQUILIBRIUM IONIZATION**

NONEQUILIBRIUM PLASMAS

- GS PARTICLES
 - . CHARGED PARTICLES
 - . . ENERGETIC PARTICLES
 - . . . PLASMAS (PHYSICS)
 - **NONEQUILIBRIUM PLASMAS**
- RT MAGNETOHYDRODYNAMIC STABILITY
 - NONUNIFORM PLASMAS
 - PLASMA COMPOSITION
 - PLASMA POTENTIALS
 - PLASMA RADIATION
 - PLASMA SHEATHS
 - ROTATING PLASMAS

NONEQUILIBRIUM RADIATION

- GS ELECTROMAGNETIC RADIATION
 - . **NONEQUILIBRIUM RADIATION**
- RT SHOCK WAVE PROPAGATION

NONEQUILIBRIUM THERMODYNAMICS

- GS THERMODYNAMICS
 - . **NONEQUILIBRIUM THERMODYNAMICS**
- RT IRREVERSIBLE PROCESSES

NONEUCLIDIAN GEOMETRY

- USE DIFFERENTIAL GEOMETRY

NONFERROUS METALS

- GS METALS
 - . **NONFERROUS METALS**
- RT CHEMICAL ELEMENTS
 - CONDUCTORS
 - ∞ METALLURGY

NONFLAMMABLE MATERIALS

- RT ASBESTOS
 - FIREPROOFING
 - ∞ INORGANIC MATERIALS
 - KEVLAR (TRADEMARK)
 - ∞ MATERIALS
 - OXIDES
 - REFRACTORY MATERIALS

NONGRAY ATMOSPHERES

- RT ∞ ATMOSPHERES
 - BLACK BODY RADIATION
 - EMISSION
 - GRAY GAS
 - PLANETARY ATMOSPHERES

NONGRAY GAS

- GS GASES
 - . **NONGRAY GAS**
- RT ∞ ATMOSPHERES
 - BLACK BODY RADIATION
 - EMISSION
 - HEAT TRANSFER
 - SPECTRAL EMISSION
 - THERMAL RADIATION
 - THERMODYNAMICS

NONHOLONOMIC EQUATIONS

- GS ANALYSIS (MATHEMATICS)
 - . COMPLEX VARIABLES
 - . . **NONHOLONOMIC EQUATIONS**
- RT ANALYTIC FUNCTIONS
 - ∞ EQUATIONS

NONHOMOGENEITY

- USE INHOMOGENEITY

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NONISENTROPICITY

- GS ISENTROPIC PROCESSES
 - . **NONISENTROPICITY**
- RT ENTROPY
 - ∞ PROCESSES

NONISOTHERMAL PROCESSES

- RT ENERGY TRANSFER
 - HEAT TRANSFER
 - NONADIABATIC CONDITIONS
 - PRESSURE EFFECTS
- ∞ PROCESSES
 - TEMPERATURE GRADIENTS
 - THERMODYNAMICS

NONISOTROPIC PLATES

- USE ANISOTROPIC PLATES

NONISOTROPY

- USE ANISOTROPY

NONLIFTING VEHICLES

- USE BALLISTIC VEHICLES

NONLINEAR EQUATIONS

- GS ALGEBRA
 - . **NONLINEAR EQUATIONS**
 - . . CUBIC EQUATIONS
 - . . DUFFING DIFFERENTIAL EQUATION
 - . . MONGE-AMPERE EQUATION
 - . . NONLINEAR EVOLUTION EQUATIONS
 - . . QUADRATIC EQUATIONS
 - . . QUARTIC EQUATIONS
 - ANALYSIS (MATHEMATICS)
 - . REAL VARIABLES
 - . **NONLINEAR EQUATIONS**
 - . . CUBIC EQUATIONS
 - . . DUFFING DIFFERENTIAL EQUATION
 - . . MONGE-AMPERE EQUATION
 - . . NONLINEAR EVOLUTION EQUATIONS
 - . . QUADRATIC EQUATIONS
 - . . QUARTIC EQUATIONS
- RT BORN-INFELD THEORY
 - DIFFERENTIAL EQUATIONS
 - ∞ EQUATIONS
 - FIELD THEORY (ALGEBRA)
 - INTEGRAL EQUATIONS
 - POLYNOMIALS
 - ROOTS OF EQUATIONS

NONLINEAR EVOLUTION EQUATIONS

- GS ALGEBRA
 - . **NONLINEAR EQUATIONS**
 - . . **NONLINEAR EVOLUTION EQUATIONS**
- ANALYSIS (MATHEMATICS)
- . REAL VARIABLES
- . . NONLINEAR EQUATIONS
- . . . **NONLINEAR EVOLUTION EQUATIONS**
- RT DIFFERENCE EQUATIONS
 - ∞ EQUATIONS

NONLINEAR FEEDBACK

- GS FEEDBACK
 - . **NONLINEAR FEEDBACK**
- RT FEEDBACK AMPLIFIERS
 - FEEDBACK CONTROL
 - NEGATIVE FEEDBACK
 - POSITIVE FEEDBACK
 - SENSORY FEEDBACK
 - TRANSFER FUNCTIONS

NONLINEAR FILTERS

- RT ELECTRIC FILTERS
 - ELECTROMAGNETIC WAVE FILTERS
- ∞ FILTERS
 - LINEAR FILTERS

NONLINEAR OPTICS

- RT BIREFRINGENCE
 - ELECTRO-OPTICAL EFFECT
 - ELECTROMAGNETIC RADIATION
 - GEOMETRICAL OPTICS
 - GRADIENT INDEX OPTICS
- ∞ OPTICS
 - RAMAN SPECTRA

NONLINEAR PROGRAMMING

- GS RESEARCH
 - . OPERATIONS RESEARCH
 - . . MATHEMATICAL PROGRAMMING
 - . . . **NONLINEAR PROGRAMMING**
- RT ∞ APPLICATIONS OF MATHEMATICS

NORMALIZING (HEAT TREATMENT)

NORD AIRCRAFT-(CONT.)

- MH-260 AIRCRAFT
- MH-262 AIRCRAFT
- N-2501 AIRCRAFT
- NORD 1500 AIRCRAFT
- AIRCRAFT

NORD N-2501 AIRCRAFT

USE N-2501 AIRCRAFT

NORD N-2508 AIRCRAFT

NORD N-2508 AIRCRAFT
USE N-2501 AIRCRAFT

NORD 1500 AIRCRAFT

UF GRIFFON AIRCRAFT
GS JET AIRCRAFT
NORD 1500 AIRCRAFT
MONOPLANES
NORD 1500 AIRCRAFT
NORD AIRCRAFT
NORD 1500 AIRCRAFT
RESEARCH AIRCRAFT
NORD 1500 AIRCRAFT
SUPERSONIC AIRCRAFT
NORD 1500 AIRCRAFT

NOREPINEPHRINE

GS	DRUGS
	. EPINEPHRINE
	. . NOREPINEPHRINE
	. STIMULANTS
	. . NOREPINEPHRINE
RT	NORADRENALINE

NORLEUCINE

GS ACIDS
 . AMINO ACIDS
 . . LEUCINE
 . . . **NORLEUCINE**
 ORGANIC COMPOUNDS
 . AMINO ACIDS
 . . LEUCINE
 . . . **NORLEUCINE**

NORMAL DENSITY FUNCTIONS

UF	GAUSSIAN DISTRIBUTIONS NORMAL DISTRIBUTIONS
GS	FUNCTIONS (MATHEMATICS) . PROBABILITY DENSITY FUNCTIONS . NORMAL DENSITY FUNCTIONS STATISTICAL ANALYSIS . PROBABILITY DENSITY FUNCTIONS . NORMAL DENSITY FUNCTIONS
RT	CONTINUITY (MATHEMATICS) DISCRETE FUNCTIONS HISTOGRAMS

NORMAL DISTRIBUTIONS

USE NORMAL DENSITY FUNCTIONS

NORMAL FORCE DISTRIBUTION

USE FORCE DISTRIBUTION

NORMAL SHOCK WAVES

GS	ELASTIC WAVES
	. SHOCK WAVES
	. . NORMAL SHOCK WAVES
RT	LONGITUDINAL WAVES
	MAGNETOHYDRODYNAMIC WAVES
	OBLIQUE SHOCK WAVES
	PLANE WAVES
	SHOCK LAYERS

NORMALITY

RT	AVERAGE
	MEAN
	MEDIAN (STATISTICS)
	NORMS
	STATISTICAL TESTS

NORMALIZING

SN	<i>(USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)</i>
RT	NORMALIZING (HEAT TREATMENT) NORMALIZING (STATISTICS)

NORMALIZING (HEAT TREATMENT)

GS	HEAT TREATMENT
BT	ANNEALING

NORMALIZING (STATISTICS)

NORMALIZING (HEAT TREATMENT)-(CONT.)

HARDENING (MATERIALS)
LASER ANNEALING
∞ NORMALIZING
TEMPERING

NORMALIZING (STATISTICS)

RT EVALUATION
∞ NORMALIZING
QUALITY CONTROL
RATINGS

NORMS

GS NAMING
RT . **NORMS**
AVERAGE
ETHICS
MEDIAN (STATISTICS)
NORMALITY
PSYCHOMETRICS
VALUE

NORTH AMERICA

GS CONTINENTS
RT . **NORTH AMERICA**
APPALACHIAN MOUNTAINS (NORTH AMERICA)
CANADA
CENTRAL AMERICA
LOWER CALIFORNIA (MEXICO)
MEXICO
TUNDRA
UNITED STATES OF AMERICA
WILLISTON BASIN (NORTH AMERICA)

NORTH AMERICAN AIRCRAFT

GS **NORTH AMERICAN AIRCRAFT**
. A-2 AIRCRAFT
. A-5 AIRCRAFT
. B-1 AIRCRAFT
. B-70 AIRCRAFT
. F-86 AIRCRAFT
. F-100 AIRCRAFT
. OV-10 AIRCRAFT
. P-51 AIRCRAFT
. T-2 AIRCRAFT
. T-28 AIRCRAFT
. T-39 AIRCRAFT
. X-15 AIRCRAFT
RT ∞ AIRCRAFT

NORTH AMERICAN NAC-60 AIRCRAFT

USE NAC-60 AIRCRAFT

NORTH AMERICAN SEARCH AND RANGING

RADAR
UF NASARR
GS RADAR
. SEARCH RADAR
. **NORTH AMERICAN SEARCH AND RANGING RADAR**
RT RANGE AND RANGE RATE TRACKING

NORTH ATLANTIC TREATY ORGANIZATION (NATO)

GS ORGANIZATIONS
. **NORTH ATLANTIC TREATY ORGANIZATION (NATO)**
RT INTERNATIONAL COOPERATION

NORTH CAROLINA

GS UNITED STATES OF AMERICA
. **NORTH CAROLINA**
CAPE HATTERAS (NC)
GREAT SMOKY MOUNTAINS (NC-TN)
OUTER BANKS (NC)
SAND HILLS REGION (GA-NC-SC)

NORTH DAKOTA

GS UNITED STATES OF AMERICA
. **NORTH DAKOTA**
RT MISSOURI RIVER (US)
WILLISTON BASIN (NORTH AMERICA)

NORTH KOREA

UF DEMOCRATIC PEOPLES REPUBLIC OF KOREA
RT ASIA
∞ KOREA
NATIONS
SOUTH KOREA

NORTH POLAR SPUR (ASTRONOMY)

GS EXTRATERRESTRIAL RADIATION

NORTH POLAR SPUR (ASTRONOMY)-(CONT.)

. EXTRATERRESTRIAL RADIO WAVES
. GALACTIC RADIO WAVES
. . . **NORTH POLAR SPUR (ASTRONOMY)**
. GALACTIC RADIATION
. GALACTIC RADIO WAVES
. . . **NORTH POLAR SPUR (ASTRONOMY)**

RT NEBULAE
SUPERNOVA REMNANTS
X RAY SPECTRA

NORTH SEA

GS SEAS
RT . **NORTH SEA**
ENGLISH CHANNEL

NORTH VIETNAM

USE VIETNAM

NORTHERN HEMISPHERE

GS **NORTHERN HEMISPHERE**
. ARCTIC REGIONS
RT ∞ HEMISPHERES
NORTHERN SKY
SOUTHERN HEMISPHERE

NORTHERN SKY

RT ASTRONOMICAL CATALOGS
ASTRONOMICAL COORDINATES
ASTRONOMICAL OBSERVATORIES
NORTHERN HEMISPHERE
SOUTHERN SKY

NORTHROP AIRCRAFT

GS **NORTHROP AIRCRAFT**
. A-9 AIRCRAFT
. F-5 AIRCRAFT
. F-18 AIRCRAFT
. F-89 AIRCRAFT
. T-38 AIRCRAFT
. X-21 AIRCRAFT
. X-21A AIRCRAFT
RT ∞ AIRCRAFT

NORTON COUNTY ACHONDRITE

GS CELESTIAL BODIES
. METEORITES
. STONY METEORITES
. . . ACHONDRITES
. . . **NORTON COUNTY ACHONDRITE**

NORWAY

RT EUROPE
FIORDS
NATIONS

∞ NOSE

SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED-CONSULT THE TERMS LISTED BELOW)*
RT NOSE (ANATOMY)
NOSES (FOREBODIES)

NOSE (ANATOMY)

GS ANATOMY
. RESPIRATORY SYSTEM
. . **NOSE (ANATOMY)**
FACE (ANATOMY)
. **NOSE (ANATOMY)**
RT HEAD (ANATOMY)
∞ NOSE
PARANASAL SINUSES
SINUSES

NOSE CAPS

USE NOSE CONES

NOSE CONES

UF NOSE CAPS
GS CONES
. **NOSE CONES**
. ABLATIVE NOSE CONES
. ROCKET NOSE CONES
RT ABLATIVE MATERIALS
BLUNT BODIES
∞ CAPS
CIRCULAR CONES
HALF CONES
MISSILE COMPONENTS
OGIVES
REENTRY SHIELDING

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NOSE CONES-(CONT.)

REENTRY VEHICLES
SPACECRAFT COMPONENTS
SPACECRAFT SHIELDING
SPHERICAL CAPS
WARHEADS

NOSE FINS

GS FINS
. **NOSE FINS**
RT CONTROL SURFACES
FINNED BODIES
NOSES (FOREBODIES)
VANES

NOSE INLETS

GS INTAKE SYSTEMS
. **NOSE INLETS**
RT AIR INTAKES
ANNULAR DUCTS
BYPASS RATIO
DUCTED BODIES
DUCTS
HYPERSONIC INLETS
INLET AIRFRAME CONFIGURATIONS
NACELLES
NOSES (FOREBODIES)
SCOOPS
SIDE INLETS
SUPERSONIC INLETS
∞ WATER INTAKES

NOSE TIPS

GS TIPS
. **NOSE TIPS**
RT AERODYNAMIC CONFIGURATIONS
AIRFOIL PROFILES
NOSES (FOREBODIES)

NOSE WHEELS

GS WHEELS
. VEHICLE WHEELS
. . **NOSE WHEELS**
RT BRAKES (FOR ARRESTING MOTION)
LANDING GEAR

NOSES (FOREBODIES)

GS AIRCRAFT STRUCTURES
. FOREBODIES
. . **NOSES (FOREBODIES)**
RT ∞ NOSE
NOSE FINS
NOSE INLETS
NOSE TIPS

NOSTOC

GS ALGAE
. BLUE GREEN ALGAE
. . **NOSTOC**

NOTATION

USE CODING

NOTCH SENSITIVITY

GS MECHANICAL PROPERTIES
. TOUGHNESS
. . **NOTCH SENSITIVITY**
SENSITIVITY
. **NOTCH SENSITIVITY**
RT CHARPY IMPACT TEST
FATIGUE (MATERIALS)
IMPACT STRENGTH
IMPACT TESTS

NOTCH STRENGTH

GS MECHANICAL PROPERTIES
. **NOTCH STRENGTH**
RT BRITTLENESS
DUCTILITY
FATIGUE TESTS
IMPACT TESTS
∞ STRENGTH
STRESS CONCENTRATION
STRESS INTENSITY FACTORS

NOTCH TESTS

UF NOTCHED METALS
GS **NOTCH TESTS**
. CHARPY IMPACT TEST
RT BRITTLENESS
DROP TESTS
FATIGUE TESTS
HARDNESS
IMPACT TESTS

NASA THESAURUS (VOLUME 1)

NOTCH TESTS-(CONT.)
STRESS CONCENTRATION
∞ TESTS

NOTCHED METALS
USE NOTCH TESTS

NOTCHES
RT PASSAGEWAYS
V GROOVES

∞ **NOVA**
SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)*
RT NOVA LAUNCH VEHICLES
NOVAE

NOVA H LAUNCH VEHICLE
GS LAUNCH VEHICLES
. NOVA LAUNCH VEHICLES
. . **NOVA H LAUNCH VEHICLE**
ROCKET VEHICLES
. MULTISTAGE ROCKET VEHICLES
. . NOVA LAUNCH VEHICLES
. . . **NOVA H LAUNCH VEHICLE**

NOVA J LAUNCH VEHICLE
GS LAUNCH VEHICLES
. NOVA LAUNCH VEHICLES
. . **NOVA J LAUNCH VEHICLE**
ROCKET VEHICLES
. MULTISTAGE ROCKET VEHICLES
. . NOVA LAUNCH VEHICLES
. . . **NOVA J LAUNCH VEHICLE**

NOVA LASER SYSTEM
GS STIMULATED EMISSION DEVICES
. LASERS
. . HIGH POWER LASERS
. . . **NOVA LASER SYSTEM**
RT LASER FUSION
LASER OUTPUTS
SHIVA LASER SYSTEM
∞ SYSTEMS

NOVA LAUNCH VEHICLES
GS LAUNCH VEHICLES
. **NOVA LAUNCH VEHICLES**
. . NOVA H LAUNCH VEHICLE
. . NOVA J LAUNCH VEHICLE
ROCKET VEHICLES
. MULTISTAGE ROCKET VEHICLES
. . **NOVA LAUNCH VEHICLES**
. . . NOVA H LAUNCH VEHICLE
. . . NOVA J LAUNCH VEHICLE
RT F-1 ROCKET ENGINE
J-2 ENGINE
LIQUID PROPELLANT ROCKET ENGINES
M-1 ENGINE
∞ NOVA

NOVA SATELLITE
GS SATELLITES
. ARTIFICIAL SATELLITES
. . NAVIGATION SATELLITES
. . . **NOVA SATELLITE**
. . . EARTH SATELLITES
. . . NAVIGATION SATELLITES
. . . . **NOVA SATELLITE**
UNMANNED SPACECRAFT
. NAVIGATION SATELLITES
. . **NOVA SATELLITE**
RT DISCOS (SATELLITE ATTITUDE CONTROL)

NOVAE
GS CELESTIAL BODIES
. STARS
. . VARIABLE STARS
. . . **NOVAE**
. . . . DWARF NOVAE
. . . . HERCULES NOVA
RT ∞ NOVA
SHOCK WAVES
STELLAR MASS
STELLAR MASS EJECTION
SUPERNOVAE

NOVOCAIN
GS DRUGS
. ANESTHETICS
. . **NOVOCAIN**

NOXIOUS MATERIALS
USE CONTAMINANTS

NOZZLE COEFFICIENT
USE NOZZLE FLOW

NOZZLE DESIGN
RT ∞ DESIGN
ENGINE DESIGN
∞ NOZZLES

NOZZLE EFFICIENCY
GS EFFICIENCY
. **NOZZLE EFFICIENCY**
RT ∞ NOZZLES
POWER EFFICIENCY
PROPULSIVE EFFICIENCY
THERMODYNAMIC EFFICIENCY

NOZZLE FLOW
UF NOZZLE COEFFICIENT
GS FLUID FLOW
. **NOZZLE FLOW**
RT AEROTHERMOCHEMISTRY
ANNULAR FLOW
CORNER FLOW
DISCHARGE COEFFICIENT
EXHAUST GASES
EXHAUST NOZZLES
FISSIONABLE MATERIALS
FLOW GEOMETRY
FLUID INJECTION
INJECTORS
JET FLOW
OUTLET FLOW
PNEUMATIC PROBES
SUPERSONIC JET FLOW
TRANSONIC FLOW

NOZZLE GEOMETRY
GS GEOMETRY
. **NOZZLE GEOMETRY**
RT COAXIAL NOZZLES
CONICAL NOZZLES
CONVERGENT NOZZLES
CONVERGENT-DIVERGENT NOZZLES
DISCHARGE COEFFICIENT
DIVERGENT NOZZLES
MASS FLOW FACTORS
∞ NOZZLES
PIPE NOZZLES
PLUG NOZZLES
SHROUDED NOZZLES
SPIKE NOZZLES
THROATS

NOZZLE INSERTS
GS INSERTS
. **NOZZLE INSERTS**
RT ABLATIVE MATERIALS
CHOKES
CONICAL NOZZLES
CONVERGENT-DIVERGENT NOZZLES
EXHAUST NOZZLES
∞ NOZZLES
ROCKET NOZZLES
THROATS

NOZZLE THRUST COEFFICIENTS
GS COEFFICIENTS
. **NOZZLE THRUST COEFFICIENTS**
RT DISCHARGE COEFFICIENT
FLOW COEFFICIENTS
INFLUENCE COEFFICIENT
THRUST
THRUST VECTOR CONTROL

NOZZLE WALLS
GS WALLS
. **NOZZLE WALLS**
RT CONICAL NOZZLES
CONVERGENT NOZZLES
DIVERGENT NOZZLES
JET AMPLIFIERS
∞ NOZZLES
REFRACTORY MATERIALS
SHROUDED NOZZLES
THROATS

NOZZLELESS ROCKET ENGINES
GS ENGINES
. ROCKET ENGINES
. . **NOZZLELESS ROCKET ENGINES**
RT ROCKET NOZZLES

NUCLEAR AUXILIARY POWER UNITS

∞ **NOZZLES**
SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)*
RT ACOUSTIC NOZZLES
ANNULAR NOZZLES
ATOMIZERS
BLOWERS
CHOKES
CHOKES (RESTRICTIONS)
COAXIAL NOZZLES
CONICAL NOZZLES
CONVERGENT NOZZLES
CONVERGENT-DIVERGENT NOZZLES
∞ DIFFUSERS
DIVERGENT NOZZLES
DUAL THRUST NOZZLES
EXHAUST NOZZLES
FLOW MEASUREMENT
FUNNELS
HYPERSONIC NOZZLES
INJECTORS
INLET NOZZLES
NOZZLE DESIGN
NOZZLE EFFICIENCY
NOZZLE GEOMETRY
NOZZLE INSERTS
NOZZLE WALLS
ORIFICES
OUTLETS
PIPE NOZZLES
PLUG NOZZLES
ROCKET NOZZLES
SHROUDED NOZZLES
SONIC NOZZLES
SPIKE NOZZLES
SPRAY NOZZLES
SPRAYERS
SUPERSONIC NOZZLES
TRANSONIC NOZZLES
TURBINES
VENTS
WIND TUNNEL NOZZLES

NRX REACTORS
GS NUCLEAR REACTORS
. LIQUID COOLED REACTORS
. . WATER COOLED REACTORS
. . . **NRX REACTORS**
. . . NUCLEAR RESEARCH AND TEST REACTORS
. . . **NRX REACTORS**
RT KIWI REACTORS
NUCLEAR ENGINE FOR ROCKET VEHICLES

NTS
USE NAVIGATION TECHNOLOGY SATELLITES

NU FACTOR
RT POISSON RATIO

NUCLEAR AUXILIARY POWER UNITS
GS AUXILIARY POWER SOURCES
. **NUCLEAR AUXILIARY POWER UNITS**
. . SNAP
. . . FISSION ELECTRIC CELLS
. . . . SNAP 2
. . . . SNAP 4
. . . . SNAP 8
. . . . SNAP 10A
. . . . SNAP 1
. . . . SNAP 3
. . . . SNAP 7
. . . . SNAP 9A
. . . . SNAP 11
. . . . SNAP 13
. . . . SNAP 15
. . . . SNAP 17
. . . . SNAP 19
. . . . SNAP 21
. . . . SNAP 23
. . . . SNAP 27
. . . . SNAP 29
. . . . SNAP 50
. . . . SNAP 80
. . . . SPACE POWER REACTORS
. . . . FISSION ELECTRIC CELLS
. SNAP 2
. SNAP 4
. SNAP 8
. SNAP 10A
. SNAP 50
. . . . SPACE POWER UNIT REACTORS

NUCLEAR BINDING ENERGY

NUCLEAR AUXILIARY POWER UNITS-(CONT.)

NUCLEAR ELECTRIC POWER
GENERATION
NUCLEAR AUXILIARY POWER UNITS
SNAP
FISSION ELECTRIC CELLS
SNAP 2
SNAP 4
SNAP 8
SNAP 10A
SNAP 1
SNAP 3
SNAP 7
SNAP 9A
SNAP 11
SNAP 13
SNAP 15
SNAP 17
SNAP 19
SNAP 21
SNAP 23
SNAP 27
SNAP 29
SNAP 50
SNAP 80
SPACE POWER REACTORS
FISSION ELECTRIC CELLS
SNAP 2
SNAP 4
SNAP 8
SNAP 10A
SNAP 50
SPACE POWER UNIT REACTORS
RT ∞ POWER SUPPLIES
RADIOISOTOPE BATTERIES
SPACECRAFT POWER SUPPLIES
THERMOELECTRIC GENERATORS
THERMOELECTRIC POWER GENERATION

NUCLEAR BINDING ENERGY

RT ACTIVATION ENERGY
∞ ENERGY
IONIZATION POTENTIALS

NUCLEAR CAPTURE

GS NUCLEAR REACTIONS
NUCLEAR INTERACTIONS
NUCLEAR CAPTURE
ELECTRON CAPTURE
PARTICLE INTERACTIONS
ELEMENTARY PARTICLE INTERACTIONS
NUCLEAR CAPTURE
ELECTRON CAPTURE
NUCLEAR INTERACTIONS
NUCLEAR CAPTURE
ELECTRON CAPTURE
RT ACTIVATION ENERGY
CAPTURE EFFECT
ELECTRON TRANSITIONS
ENERGY LEVELS
∞ INTERACTIONS
IRRADIATION
SPIN
TRANSITION PROBABILITIES

NUCLEAR CHEMISTRY

RT ATOMIC STRUCTURE
∞ CHEMISTRY
ISOMERS
∞ NUCLEAR ENERGY
PHYSICAL CHEMISTRY
PLASMA CHEMISTRY
QUANTUM CHEMISTRY
RADIOCHEMISTRY

NUCLEAR DEFORMATION

GS DEFORMATION
NUCLEAR DEFORMATION

NUCLEAR DEVICES

GS EXPLOSIVE DEVICES
NUCLEAR DEVICES
RT DEVICES
FISSION WEAPONS
THERMONUCLEAR EXPLOSIONS
WARHEADS

NUCLEAR ELECTRIC POWER GENERATION

UF NUCLEAR POWER GENERATION
GS NUCLEAR ELECTRIC POWER GENERATION
NUCLEAR AUXILIARY POWER UNITS
SNAP
FISSION ELECTRIC CELLS

NUCLEAR ELECTRIC POWER-(CONT.)

SNAP 2
SNAP 4
SNAP 8
SNAP 10A
SNAP 1
SNAP 3
SNAP 7
SNAP 9A
SNAP 11
SNAP 13
SNAP 15
SNAP 17
SNAP 19
SNAP 21
SNAP 23
SNAP 27
SNAP 29
SNAP 50
SNAP 80
SPACE POWER REACTORS
FISSION ELECTRIC CELLS
SNAP 2
SNAP 4
SNAP 8
SNAP 10A
SNAP 50
SPACE POWER UNIT REACTORS
NUCLEAR POWER PLANTS
ENRICO FERMI ATOMIC POWER PLANT
HALLAM NUCLEAR POWER FACILITY
ML-1 NUCLEAR POWER PLANT
NUCLEAR POWER REACTORS
KIWI REACTORS
KIWI B REACTORS
KIWI B-1 REACTOR
KIWI B-2 REACTOR
KIWI B-4 REACTOR
KIWI B-5 REACTOR
PATHFINDER NUCLEAR REACTOR
PLUTONIUM RECYCLE TEST REACTOR
SENN REACTOR
SPACE POWER REACTORS
FISSION ELECTRIC CELLS
SNAP 2
SNAP 4
SNAP 8
SNAP 10A
SPACE POWER UNIT REACTORS
TORY 2 REACTOR
TORY 2-A REACTOR
TORY 2-C REACTOR
THERMONUCLEAR POWER GENERATION
RT ELECTRIC GENERATORS
∞ NUCLEAR ENERGY

NUCLEAR ELECTRIC PROPULSION

GS PROPULSION
NUCLEAR PROPULSION
NUCLEAR ELECTRIC PROPULSION
RT ELECTRIC PROPULSION
ELECTROTHERMAL ENGINES
ION PROPULSION
MARINE PROPULSION
PLASMA PROPULSION
SPACECRAFT PROPULSION

NUCLEAR EMULSIONS

GS MIXTURES
DISPERSIONS
EMULSIONS
PHOTOGRAPHIC EMULSIONS
NUCLEAR EMULSIONS
SOLUTIONS
PHOTOGRAPHIC EMULSIONS
NUCLEAR EMULSIONS
RT DOSIMETERS
RADIATION COUNTERS
RADIATION MEASURING INSTRUMENTS

∞ NUCLEAR ENERGY

SN (USE OF A MORE SPECIFIC TERM IS RECOMMENDED-CONSULT THE TERMS LISTED BELOW)
UF ATOMIC ENERGY
RT ANNULAR CORE PULSE REACTORS
ATOMIC THEORY
CHEMICAL ENERGY
ENERGY POLICY
ENERGY STORAGE
MOLECULAR ENERGY LEVELS
NUCLEAR CHEMISTRY

NASA THESAURUS (VOLUME 1)

NUCLEAR ENERGY-(CONT.)

NUCLEAR ELECTRIC POWER
GENERATION
NUCLEAR FISSION
NUCLEAR FUELS
NUCLEAR FUSION
NUCLEAR HEAT
NUCLEAR PHYSICS
NUCLEAR PROPULSION
NUCLEAR REACTORS
NUCLEAR RESEARCH
NUCLEAR WARFARE
NUCLEAR WEAPONS
NUCLEONICS
SPENT FUELS

NUCLEAR ENGINE FOR ROCKET VEHICLES

UF NERVA (ENGINE)
GS ENGINES
ROCKET ENGINES
NUCLEAR ENGINE FOR ROCKET VEHICLES
RT BOOSTER ROCKET ENGINES
KIWI REACTORS
NRX REACTORS
PHOEBUS NUCLEAR REACTOR
ROVER PROJECT
SUSTAINER ROCKET ENGINES
WATER COOLED REACTORS

NUCLEAR EXPLOSION EFFECT

RT FALLOUT
RADIATION EFFECTS
RADIATION HAZARDS

NUCLEAR EXPLOSIONS

UF ATOMIC EXPLOSIONS
GS EXPLOSIONS
NUCLEAR EXPLOSIONS
THERMONUCLEAR EXPLOSIONS
RT AERIAL EXPLOSIONS
ARTIFICIAL RADIATION BELTS
CIVIL DEFENSE
CRATERING
FALLOUT
FIREBALLS
FISHBOWL OPERATION
HIGH ENERGY INTERACTIONS
RADIATION HAZARDS
UNDERGROUND EXPLOSIONS
UNDERWATER EXPLOSIONS
VELA SATELLITES

NUCLEAR FISSION

GS DECAY
NUCLEAR FISSION
NUCLEAR REACTIONS
NUCLEAR FISSION
RT CRITICAL EXPERIMENTS
CRITICAL MASS
FISSION PRODUCTS
FUSION REACTORS
FUSION-FISSION HYBRID REACTORS
HIGH ENERGY INTERACTIONS
NEUTRON FLUX DENSITY
∞ NUCLEAR ENERGY
RADIOACTIVE DECAY
RADIOACTIVE MATERIALS
SUBCRITICAL MASS

NUCLEAR FUEL BURNUP

GS COMBUSTION
FUEL COMBUSTION
NUCLEAR FUEL BURNUP
RT CRITICAL MASS
REACTOR PHYSICS
REACTOR TECHNOLOGY

NUCLEAR FUEL ELEMENTS

UF FUEL ELEMENTS (NUCLEAR REACTORS)
RT ANNULAR CORE PULSE REACTORS
∞ ELEMENTS
FUELS
PLUTONIUM ALLOYS
REACTOR CORES
REACTOR MATERIALS
URANIUM ALLOYS
URANIUM CARBIDES

NUCLEAR FUEL REPROCESSING

GS RECLAMATION
MATERIALS RECOVERY
NUCLEAR FUEL REPROCESSING
RT NUCLEAR FUELS
∞ PROCESSING

NUCLEAR FUEL REPROCESSING-(CONT.)

∞ RECOVERY
RECYCLING
SPENT FUELS

NUCLEAR FUELS

UF REACTOR FUELS
GS FUELS
. **NUCLEAR FUELS**
. . CERAMIC NUCLEAR FUELS
. . FISSION
. . SPENT FUELS
RT ANNULAR CORE PULSE REACTORS
DEUTERIUM
ENERGY POLICY
FISSION FUELS
FISSION
FISSIONABLE MATERIALS
FUEL CAPSULES
FUEL PRODUCTION
INERTIAL FUSION (REACTOR)
MIXED OXIDES
NEUTRON SOURCES
∞ NUCLEAR ENERGY
∞ NUCLEAR FUEL REPROCESSING
PELLETS
PLUTONIUM
PLUTONIUM ALLOYS
PLUTONIUM COMPOUNDS
REACTOR CORES
REACTOR MATERIALS
REACTOR STARTUP TESTS
SOL-GEL PROCESSES
THORIUM
THORIUM ALLOYS
THORIUM COMPOUNDS
TRITIUM
URANIUM
URANIUM ALLOYS
URANIUM CARBIDES
URANIUM COMPOUNDS
URANIUM OXIDES
URANIUM 233
URANIUM 235
URANIUM 238

NUCLEAR FUSION

UF NUCLEOSYNTHESIS
GS NUCLEAR REACTIONS
. THERMONUCLEAR REACTIONS
. . **NUCLEAR FUSION**
. . . CONTROLLED FUSION
RT COLLISIONAL PLASMAS
DENSE PLASMAS
DEUTERON IRRADIATION
∞ FUSION
FUSION REACTORS
FUSION WEAPONS
FUSION-FISSION HYBRID REACTORS
HIGH ENERGY INTERACTIONS
IRRADIATION
MAGNETIC MIRRORS
MIRROR FUSION
∞ NUCLEAR ENERGY
PLASMA FOCUS
RAILGUN ACCELERATORS
∞ SYNTHESIS
TOKAMAK DEVICES

NUCLEAR GYROSCOPES

GS GYROSCOPES
. **NUCLEAR GYROSCOPES**

NUCLEAR HEAT

GS HEAT
. **NUCLEAR HEAT**
RT ∞ NUCLEAR ENERGY

NUCLEAR INTERACTIONS

GS NUCLEAR REACTIONS
. **NUCLEAR INTERACTIONS**
. . NUCLEAR CAPTURE
. . . ELECTRON CAPTURE
. . . SPIN-ORBIT INTERACTIONS
. . . ELECTRON CAPTURE
PARTICLE INTERACTIONS
. **NUCLEAR INTERACTIONS**
. . NUCLEAR CAPTURE
. . . ELECTRON CAPTURE
. . . SPIN-ORBIT INTERACTIONS
. . . ELECTRON CAPTURE
. . . STRONG INTERACTIONS (FIELD THEORY)
. . . WEAK INTERACTIONS (FIELD THEORY)

NUCLEAR INTERACTIONS-(CONT.)

RT COLLISION PARAMETERS
ELEMENTARY PARTICLES
∞ INTERACTIONS

NUCLEAR ISOBARS

RT CHEMICAL ELEMENTS
∞ ISOBARS
ISOTOPES
NUCLEI (NUCLEAR PHYSICS)
NUCLIDES

NUCLEAR LIGHTBULB ENGINES

GS ENGINES
. ROCKET ENGINES
. . NUCLEAR ROCKET ENGINES
. . . **NUCLEAR LIGHTBULB ENGINES**
RT GASEOUS FISSION REACTORS

NUCLEAR MAGNETIC RESONANCE

UF KNIGHT SHIFT
NMR
GS RESONANCE
. MAGNETIC RESONANCE
. . **NUCLEAR MAGNETIC RESONANCE**
. . . PROTON MAGNETIC RESONANCE
. . . PROTON RESONANCE
RT MAGNETIC SIGNALS
MAGNETOMETERS
MOLECULAR STRUCTURE
PARAMAGNETIC RESONANCE
PARTICLE SPIN
PLANCKS CONSTANT
SPIN RESONANCE
SPIN-LATTICE RELAXATION

NUCLEAR METEOROLOGY

GS METEOROLOGY
. **NUCLEAR METEOROLOGY**
RT FALLOUT

NUCLEAR MODELS

GS MODELS
. **NUCLEAR MODELS**
RT ATOMIC STRUCTURE
ENERGY LEVELS
MOLECULAR STRUCTURE
QUARK PARTON MODEL

NUCLEAR PARTICLES

GS PARTICLES
. **NUCLEAR PARTICLES**
. . ANTIPARTICLES
. . . ANTINEUTRINOS
. . . ANTINUCLEONS
. . . ANTIPROTONS
. . . POSITRONS
. . . BETA PARTICLES
. . . BOSONS
. . . ALPHA PARTICLES
. . . MESONS
. ETA-MESONS
. K-MESONS
. KAONS
. MESON RESONANCES
. X MESONS
. MUONS
. PIONS
. VECTOR MESONS
. RHO-MESONS
. SIGMA-MESONS
. PHOTONS
. XI HYPERONS
. NUCLEONS
. PHOTOELECTRONS
RT CORPUSCULAR RADIATION
COSMIC RAYS
ELEMENTARY PARTICLES
FISSION PRODUCTS
GAMMA RAY BURSTS
NEUTRON CROSS SECTIONS
NEUTRON DISTRIBUTION
NEUTRON SCATTERING
NUCLEON POTENTIAL
NUCLEON-NUCLEON SCATTERING
PARTICLE ACCELERATORS
PARTICLE TRACKS
PHOTONEUTRONS
PI-ELECTRONS
POSITRON ANNIHILATION
PROTON RESONANCE
PROTONS

NUCLEAR PHYSICS

GS **NUCLEAR PHYSICS**

NUCLEAR POWER REACTORS**NUCLEAR PHYSICS-(CONT.)**

RT REACTOR PHYSICS
ATOMIC STRUCTURE
CURRENT ALGEBRA
ELECTROMAGNETIC ABSORPTION
FIELD THEORY (PHYSICS)
HEALTH PHYSICS
∞ NUCLEAR ENERGY
NUCLEONICS
PARITY
PARTICLE SPIN
∞ PHYSICS
QUANTUM THEORY
THEORETICAL PHYSICS

NUCLEAR POTENTIAL

GS POTENTIAL ENERGY
. **NUCLEAR POTENTIAL**
RT NUCLEON POTENTIAL

NUCLEAR POWER GENERATION

USE NUCLEAR ELECTRIC POWER
GENERATION

NUCLEAR POWER PLANTS

GS ELECTRIC POWER PLANTS
. **NUCLEAR POWER PLANTS**
. . ENRICO FERMI ATOMIC POWER PLANT
. . . HALLAM NUCLEAR POWER FACILITY
. . . ML-1 NUCLEAR POWER PLANT
NUCLEAR ELECTRIC POWER
GENERATION
. **NUCLEAR POWER PLANTS**
. . ENRICO FERMI ATOMIC POWER PLANT
. . . HALLAM NUCLEAR POWER FACILITY
. . . ML-1 NUCLEAR POWER PLANT
RT PLASMA CORE REACTORS

NUCLEAR POWER REACTORS

GS NUCLEAR ELECTRIC POWER
GENERATION
. **NUCLEAR POWER REACTORS**
. . KIWI REACTORS
. . . KIWI B REACTORS
. KIWI B-1 REACTOR
. KIWI B-2 REACTOR
. KIWI B-4 REACTOR
. KIWI B-5 REACTOR
. . . PATHFINDER NUCLEAR REACTOR
. . . PLUTONIUM RECYCLE TEST REACTOR
. . . SENN REACTOR
. . . SPACE POWER REACTORS
. . . FISSION ELECTRIC CELLS
. SNAP 2
. SNAP 4
. SNAP 8
. SNAP 10A
. . . SPACE POWER UNIT REACTORS
. . . TORY 2 REACTOR
. . . TORY 2-A REACTOR
. . . TORY 2-C REACTOR
NUCLEAR REACTORS
. **NUCLEAR POWER REACTORS**
. . KIWI REACTORS
. . . KIWI B REACTORS
. KIWI B-1 REACTOR
. KIWI B-2 REACTOR
. KIWI B-4 REACTOR
. KIWI B-5 REACTOR
. . . PATHFINDER NUCLEAR REACTOR
. . . PLUTONIUM RECYCLE TEST REACTOR
. . . SENN REACTOR
. . . SPACE POWER REACTORS
. . . FISSION ELECTRIC CELLS
. SNAP 2
. SNAP 4
. SNAP 8
. SNAP 10A
. . . SPACE POWER UNIT REACTORS
. . . TORY 2 REACTOR
. . . TORY 2-A REACTOR
. . . TORY 2-C REACTOR
RT BOILING WATER REACTORS
BREEDER REACTORS
FAST NUCLEAR REACTORS
FAST OXIDE REACTORS
HIGH TEMPERATURE GAS COOLED REACTORS
LIQUID METAL FAST BREEDER REACTORS
POWER REACTORS

NUCLEAR POWERED SHIPS

NUCLEAR POWER REACTORS-(CONT.)

PRESSURIZED WATER REACTORS
SNAP
SODIUM GRAPHITE REACTORS

NUCLEAR POWERED SHIPS

GS SURFACE VEHICLES
. NUCLEAR POWERED SHIPS
. SAVANNAH NUCLEAR SHIP
WATER VEHICLES
. SHIPS
. NUCLEAR POWERED SHIPS
. SAVANNAH NUCLEAR SHIP
RT AIRCRAFT CARRIERS
CARGO SHIPS
NAVY
SUBMARINES

NUCLEAR PROPELLED AIRCRAFT

RT ∞ AIRCRAFT
∞ MILITARY AIRCRAFT
RESEARCH AIRCRAFT

NUCLEAR PROPULSION

UF CHEMONUCLEAR PROPULSION
THERMONUCLEAR PROPULSION
GS PROPULSION
. NUCLEAR PROPULSION
. NUCLEAR ELECTRIC PROPULSION
RT AIRCRAFT ENGINES
GASEOUS FISSION REACTORS
HIGH TEMPERATURE NUCLEAR
REACTORS
HIGH TEMPERATURE PROPELLANTS
MARINE PROPULSION
MERCURY ION ENGINES
NEW MOONS PROJECT
∞ NUCLEAR ENERGY
ROVER PROJECT
SAVANNAH NUCLEAR SHIP
SPACECRAFT PROPULSION
TRIDENT SUBMARINE
UNDERWATER PROPULSION

NUCLEAR PUMPED LASERS

GS STIMULATED EMISSION DEVICES
. LASERS
. NUCLEAR PUMPED LASERS
RT OPTICAL PUMPING
OPTICAL RESONANCE

NUCLEAR PUMPING

RT ELECTRON PUMPING
ENERGY TRANSFER
FISSION PRODUCTS
GAS LASERS
LASERS
OPTICAL PUMPING
POPULATION INVERSION
∞ PUMPING
STIMULATED EMISSION
STIMULATED EMISSION DEVICES

NUCLEAR QUADRUPOLE RESONANCE

GS RESONANCE
. NUCLEAR QUADRUPOLE RESONANCE
RT ENERGY LEVELS
QUADRUPOLES

NUCLEAR RADIATION

GS NUCLEAR RADIATION
. BETA PARTICLES
. FAST NEUTRONS
. GAMMA RAY BEAMS
. GAMMA RAYS
. GAMMA RAY BURSTS
. NEUTRON BEAMS
. PHOTONEUTRONS
. POST-BLAST NUCLEAR RADIATION
. SPALLATION
. THERMAL NEUTRONS
RT ALPHA PARTICLES
BREMSSTRAHLUNG
CERENKOV RADIATION
CORPUSCULAR RADIATION
ELECTROMAGNETIC RADIATION
ELECTRON PUMPING
ELECTRON RADIATION
ELECTRONS
ELEMENTARY PARTICLES
EMISSION SPECTRA
FISSION PRODUCTS
GAMMA RAY ABSORPTION
HEALTH PHYSICS
HIGH ENERGY INTERACTIONS

NUCLEAR RADIATION-(CONT.)

IONIZING RADIATION
IRRADIATION
NEUTRONS
PARTICLE PRODUCTION
PHOTONS
∞ RADIATION
RADIATION EFFECTS
RADIATION HAZARDS
RADIOACTIVE CONTAMINANTS
RADIOACTIVE DECAY
RADIOACTIVE MATERIALS
RADIOACTIVITY
RADIOBIOLOGY
RADIOCHEMISTRY
VELA SATELLITES

NUCLEAR RADIATION SPECTROSCOPY

GS SPECTROSCOPY
. NUCLEAR RADIATION SPECTROSCOPY
RT MASS SPECTROSCOPY
SPECTROSCOPIC ANALYSIS
VACUUM SPECTROSCOPY

NUCLEAR RAMJET ENGINES

GS ENGINES
. ROCKET ENGINES
. NUCLEAR RAMJET ENGINES
RT PLUTO REACTORS
∞ ROCKETS
SUPERSONIC LOW ALTITUDE MISSILE

NUCLEAR REACTIONS

UF NEUTRON TRANSMUTATION
GS NUCLEAR REACTIONS
. ALPHA DECAY
. ANNIHILATION REACTIONS
. POSITRON ANNIHILATION
. ELECTRON SCATTERING
. HIGH ENERGY INTERACTIONS
. LIGHT-CONE EXPANSION
. NUCLEAR FISSION
. NUCLEAR INTERACTIONS
. NUCLEAR CAPTURE
. ELECTRON CAPTURE
. SPIN-ORBIT INTERACTIONS
. ELECTRON CAPTURE
. NUCLEAR SCATTERING
. NEUTRON SCATTERING
. RESONANCE SCATTERING
. NUCLEAR TRANSFORMATIONS
. PHOTONUCLEAR REACTIONS
. PHOTOPRODUCTION
. PROTON SCATTERING
. PROTON-PROTON REACTIONS
. RADIOACTIVE DECAY
. NEUTRON EMISSION
. SPALLATION
. THERMONUCLEAR REACTIONS
. NUCLEAR FUSION
. CONTROLLED FUSION
RT BRAGG CURVE
COMPTON EFFECT
CRITICAL EXPERIMENTS
CRITICAL MASS
EMISSION
HALF LIFE
INHOUR EQUATION
∞ INTERACTIONS
INTERNAL CONVERSION
PAIR PRODUCTION
PARTICLE INTERACTIONS
PARTICLE PRODUCTION
PHOTONEUTRONS
POISONING (REACTION INHIBITION)
POMERONS
RADIATION ABSORPTION
RADIOGENIC MATERIALS
∞ REACTION
REACTION KINETICS
REACTIVITY
SOLAR NEUTRINOS
SPALLING
SUBCRITICAL MASS
TRANSMUTATION

NUCLEAR REACTOR CONTROL

RT CONFINEMENT
∞ CONTROL
CONTROL RODS
∞ REACTION CONTROL
REACTOR SAFETY

NUCLEAR REACTORS

GS NUCLEAR REACTORS

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NUCLEAR REACTORS-(CONT.)

. ANNULAR CORE PULSE REACTORS
. ASTRON THERMONUCLEAR REACTOR
. BREEDER REACTORS
. EXPERIMENTAL BREEDER REACTOR
1
. EXPERIMENTAL BREEDER REACTOR
2
. LIGHT WATER BREEDER REACTORS
. LIQUID METAL FAST BREEDER
REACTORS
. ENGINEERING TEST REACTORS
. FAST NUCLEAR REACTORS
. EXPERIMENTAL BREEDER REACTOR
1
. EXPERIMENTAL BREEDER REACTOR
2
. FAST OXIDE REACTORS
. FAST TEST REACTORS
. GAS COOLED FAST REACTORS
. LIQUID METAL FAST BREEDER
REACTORS
. FUSION REACTORS
. SPHEROMAKS
. FUSION-FISSION HYBRID REACTORS
. GAS COOLED REACTORS
. EXPERIMENTAL GAS COOLED
REACTORS
. GAS COOLED FAST REACTORS
. HIGH TEMPERATURE NUCLEAR
REACTORS
. HIGH TEMPERATURE GAS COOLED
REACTORS
. KIWI REACTORS
. KIWI B REACTORS
. KIWI B-1 REACTOR
. KIWI B-2 REACTOR
. KIWI B-4 REACTOR
. KIWI B-5 REACTOR
. TORY 2 REACTOR
. TORY 2-A REACTOR
. TORY 2-C REACTOR
. GASEOUS FISSION REACTORS
. HANFORD REACTORS
. HIGH FLUX ISOTOPE REACTORS
. LIQUID COOLED REACTORS
. LIQUID METAL COOLED REACTORS
. ADVANCED SODIUM COOLED
REACTOR
. EXPERIMENTAL BREEDER REACTOR
1
. EXPERIMENTAL BREEDER REACTOR
2
. LITHIUM COOLED REACTOR
EXPERIMENT
. LOS ALAMOS MOLTEN PLUTONIUM
REACTOR
. MILITARY COMPACT REACTORS
. SODIUM GRAPHITE REACTORS
. SODIUM REACTOR EXPERIMENT
. ORGANIC COOLED REACTORS
. EXPERIMENTAL ORGANIC COOLED
REACTORS
. WATER COOLED REACTORS
. BOILING WATER REACTORS
. BORAX 5 REACTOR
. EXPERIMENTAL BOILING WATER
REACTORS
. HALDEN BOILING WATER
REACTOR
. LOS ALAMOS WATER BOILER
REACTOR
. PATHFINDER NUCLEAR REACTOR
. SENN REACTOR
. SPERT REACTORS
. ZERO POWER REACTOR 7
. HEAVY WATER REACTORS
. HEAVY WATER COMPONENTS
TEST REACTORS
. PLUTONIUM RECYCLE TEST
REACTOR
. ZERO POWER REACTOR 2
. LIGHT WATER REACTORS
. NRX REACTORS
. PLUM BROOK REACTOR
. PRESSURIZED WATER REACTORS
. SPECTRAL SHIFT CONTROL
REACTOR
. SWIMMING POOL REACTORS
. ZERO POWER REACTORS
. ZERO POWER REACTOR 2
. ZERO POWER REACTOR 3
. ZERO POWER REACTOR 6
. ZERO POWER REACTOR 7
. ZERO POWER REACTOR 9
. MOLTEN SALT NUCLEAR REACTORS

NUCLEAR REACTORS-(CONT.)

. NUCLEAR POWER REACTORS
 . . KIWI REACTORS
 . . . KIWI B REACTORS
 KIWI B-1 REACTOR
 KIWI B-2 REACTOR
 KIWI B-4 REACTOR
 KIWI B-5 REACTOR
 . . PATHFINDER NUCLEAR REACTOR
 . . PLUTONIUM RECYCLE TEST REACTOR
 . . . SENN REACTOR
 . . SPACE POWER REACTORS
 . . . FISSION ELECTRIC CELLS
 SNAP 2
 SNAP 4
 SNAP 8
 SNAP 10A
 . . . SPACE POWER UNIT REACTORS
 . . TORY 2 REACTOR
 . . TORY 2-A REACTOR
 . . TORY 2-C REACTOR
 . NUCLEAR RESEARCH AND TEST REACTORS
 . . ADVANCED TEST REACTORS
 . . BORAX 5 REACTOR
 . . EXPERIMENTAL BOILING WATER REACTORS
 . . EXPERIMENTAL BREEDER REACTOR 1
 . . EXPERIMENTAL BREEDER REACTOR 2
 . . EXPERIMENTAL GAS COOLED REACTORS
 . . EXPERIMENTAL ORGANIC COOLED REACTORS
 . . HEALTH PHYSICS RESEARCH REACTOR
 . . HEAVY WATER COMPONENTS TEST REACTORS
 . . HERO REACTOR
 . . HIGH TEMPERATURE NUCLEAR REACTORS
 . . JANUS REACTOR
 . . KIWI REACTORS
 . . . KIWI B REACTORS
 KIWI B-1 REACTOR
 KIWI B-2 REACTOR
 KIWI B-4 REACTOR
 KIWI B-5 REACTOR
 . . LIVERMORE POOL TYPE REACTOR
 . . LOS ALAMOS MOLTEN PLUTONIUM REACTOR
 . . MILITARY COMPACT REACTORS
 . . NRX REACTORS
 . . PLUM BROOK REACTOR
 . . PLUTONIUM RECYCLE TEST REACTOR
 . . SODIUM REACTOR EXPERIMENT
 . . SPERT REACTORS
 . . TORY 2 REACTOR
 . . TORY 2-A REACTOR
 . . TORY 2-C REACTOR
 . . TOWER SHIELDING REACTOR 2
 . . ZERO POWER REACTOR 2
 . . ZERO POWER REACTOR 3
 . . ZERO POWER REACTOR 6
 . . ZERO POWER REACTOR 7
 . . ZERO POWER REACTOR 9
 . . ORGANIC MODERATED REACTORS
 . . EXPERIMENTAL ORGANIC COOLED REACTORS
 . . PEBBLE BED REACTORS
 . . PHOEBUS NUCLEAR REACTOR
 . . PLASMA CORE REACTORS
 . . PLUTO REACTORS
 . . THERMAL REACTORS
 . . TOKAMAK DEVICES
 . . WATER MODERATED REACTORS
 . . BORAX 5 REACTOR
 . . EXPERIMENTAL BOILING WATER REACTORS
 . . HEAVY WATER COMPONENTS TEST REACTORS
 . . PLUTONIUM RECYCLE TEST REACTOR
 . . SENN REACTOR
 RT CLOSED CYCLES
 CONTROL RODS
 COOLANTS
 FISSION FUELS
 HIGH FLUX BEAM REACTORS
 IN-OF-REACTOR EQUATION
 MODERATORS
 ∞ NUCLEAR ENERGY
 ∞ PILES

NUCLEAR REACTORS-(CONT.)

RADIATION SHIELDING
 REACTOR CORES
 REACTOR DESIGN
 REACTOR MATERIALS
 REACTOR PHYSICS
 REACTOR SAFETY
 REACTOR STARTUP TESTS
 REACTOR TECHNOLOGY
 ∞ REACTORS
 ROVER PROJECT
 STELLARATORS
 THERMAL NEUTRONS
 THERMAL POLLUTION

NUCLEAR RELAXATION

RT RELAXATION (MECHANICS)

NUCLEAR RESEARCH

GS RESEARCH
 . NUCLEAR RESEARCH
 RT HIGH ENERGY INTERACTIONS
 LABORATORIES
 ∞ NUCLEAR ENERGY
 PLASMA CORE REACTORS
 RADIOCHEMISTRY

NUCLEAR RESEARCH AND TEST REACTORS

UF MATERIALS TESTING REACTORS
 NUCLEAR TEST REACTORS
 PHYSICAL CONSTANTS TESTING REACTOR
 GS NUCLEAR REACTORS
 . NUCLEAR RESEARCH AND TEST REACTORS
 . . ADVANCED TEST REACTORS
 . . BORAX 5 REACTOR
 . . EXPERIMENTAL BOILING WATER REACTORS
 . . EXPERIMENTAL BREEDER REACTOR 1
 . . EXPERIMENTAL BREEDER REACTOR 2
 . . EXPERIMENTAL GAS COOLED REACTORS
 . . EXPERIMENTAL ORGANIC COOLED REACTORS
 . . HEALTH PHYSICS RESEARCH REACTOR
 . . HEAVY WATER COMPONENTS TEST REACTORS
 . . HERO REACTOR
 . . HIGH TEMPERATURE NUCLEAR REACTORS
 . . JANUS REACTOR
 . . KIWI REACTORS
 . . . KIWI B REACTORS
 KIWI B-1 REACTOR
 KIWI B-2 REACTOR
 KIWI B-4 REACTOR
 KIWI B-5 REACTOR
 . . LIVERMORE POOL TYPE REACTOR
 . . LOS ALAMOS MOLTEN PLUTONIUM REACTOR
 . . MILITARY COMPACT REACTORS
 . . NRX REACTORS
 . . PLUM BROOK REACTOR
 . . PLUTONIUM RECYCLE TEST REACTOR
 . . SODIUM REACTOR EXPERIMENT
 . . SPERT REACTORS
 . . TORY 2 REACTOR
 . . TORY 2-A REACTOR
 . . TORY 2-C REACTOR
 . . TOWER SHIELDING REACTOR 2
 . . ZERO POWER REACTOR 2
 . . ZERO POWER REACTOR 3
 . . ZERO POWER REACTOR 6
 . . ZERO POWER REACTOR 7
 . . ZERO POWER REACTOR 9
 . . ORGANIC MODERATED REACTORS
 . . EXPERIMENTAL ORGANIC COOLED REACTORS
 . . PEBBLE BED REACTORS
 . . PHOEBUS NUCLEAR REACTOR
 . . PLASMA CORE REACTORS
 . . PLUTO REACTORS
 . . THERMAL REACTORS
 . . TOKAMAK DEVICES
 . . WATER MODERATED REACTORS
 . . BORAX 5 REACTOR
 . . EXPERIMENTAL BOILING WATER REACTORS
 . . HEAVY WATER COMPONENTS TEST REACTORS
 . . PLUTONIUM RECYCLE TEST REACTOR
 . . SENN REACTOR
 RT CLOSED CYCLES
 CONTROL RODS
 COOLANTS
 FISSION FUELS
 HIGH FLUX BEAM REACTORS
 IN-OF-REACTOR EQUATION
 MODERATORS
 ∞ NUCLEAR ENERGY
 ∞ PILES

NUCLEAR ROCKET ENGINES

UF THERMIONIC REACTORS
 GS ENGINES
 . ROCKET ENGINES
 . NUCLEAR ROCKET ENGINES
 . . NUCLEAR LIGHTBULB ENGINES
 RT BOOSTER ROCKET ENGINES
 ION ENGINES

NUCLEAR ROCKET ENGINES-(CONT.)

MERCURY ION ENGINES
 PHOEBUS NUCLEAR REACTOR
 PLUTO REACTORS
 RESTARTABLE ROCKET ENGINES
 ∞ ROCKETS
 SUSTAINER ROCKET ENGINES

NUCLEAR SCATTERING

SN (SCATTERING CAUSED BY NUCLEUS AND NOT BY ORBITAL ELECTRONS)
 GS NUCLEAR REACTIONS
 . NUCLEAR SCATTERING
 . . NEUTRON SCATTERING
 . . RESONANCE SCATTERING
 SCATTERING
 . NUCLEAR SCATTERING
 . . NEUTRON SCATTERING
 . . RESONANCE SCATTERING
 RT ANGULAR DISTRIBUTION
 BACKSCATTERING
 COHERENT SCATTERING
 ELASTIC SCATTERING
 ELECTRON SCATTERING
 FORWARD SCATTERING
 INCOHERENT SCATTERING
 INELASTIC SCATTERING
 MANDELSTAM REPRESENTATION

NUCLEAR SHIELDING

USE RADIATION SHIELDING

NUCLEAR SPIN

GS SPIN
 . PARTICLE SPIN
 . . NUCLEAR SPIN
 RT ELECTRON SPIN
 ENERGY LEVELS
 KONDO EFFECT
 MAGNETIC RESONANCE
 OVERHAUSER EFFECT
 QUANTUM NUMBERS
 QUANTUM THEORY

NUCLEAR STRUCTURE

RT ENERGY LEVELS
 EVEN-EVEN NUCLEI
 ODD-ODD NUCLEI

NUCLEAR TEST REACTORS

USE NUCLEAR RESEARCH AND TEST REACTORS

NUCLEAR TRANSFORMATIONS

GS NUCLEAR REACTIONS
 . NUCLEAR TRANSFORMATIONS

NUCLEAR VULNERABILITY

GS VULNERABILITY
 . NUCLEAR VULNERABILITY
 RT PENETRATION
 RADIATION EFFECTS
 THERMONUCLEAR EXPLOSIONS

NUCLEAR WARFARE

GS WARFARE
 . NUCLEAR WARFARE
 RT CIVIL DEFENSE
 HARDENING (SYSTEMS)
 ∞ NUCLEAR ENERGY

NUCLEAR WARHEADS

GS WEAPONS
 . WARHEADS
 . . NUCLEAR WARHEADS

NUCLEAR WEAPONS

GS WEAPONS
 . NUCLEAR WEAPONS
 . . FISSION WEAPONS
 . . BOMBS (ORDNANCE)
 . . EXPLOSIVES
 . . MISSILES
 ∞ NUCLEAR ENERGY
 PROJECTILES
 ∞ ROCKETS
 SPACE WEAPONS
 TORPEDOES
 WARHEADS
 WEAPON SYSTEMS
 WEAPONS DELIVERY

NUCLEASE

GS ALIPHATIC COMPOUNDS

NUCLEATE BOILING

NUCLEASE-(CONT.)

- . NUCLEASE
- ENZYMES
- . NUCLEASE
- ORGANIC COMPOUNDS
- . NUCLEASE
- PROTEINS
- . NUCLEASE

NUCLEATE BOILING

- GS PHASE TRANSFORMATIONS
- . VAPORIZING
- . BOILING
- . . . NUCLEATE BOILING
- LEIDENFROST PHENOMENON
- RT FILM BOILING
- HEAT TRANSFER
- HEAT TRANSFER COEFFICIENTS
- NUCLEATION

NUCLEATION

- GS NUCLEATION
- . CLOUD SEEDING
- RT ACCUMULATIONS
- AITKEN NUCLEI
- CONDENSING
- CRYSTAL GROWTH
- CRYSTALLIZATION
- DROP SIZE
- ∞FORMATION
- HEAT TREATMENT
- ICE NUCLEI
- INITIATION
- INOCULATION
- JET CONDENSERS
- NUCLEATE BOILING
- ∞NUCLEI
- RECRYSTALLIZATION
- SUPERCOOLING

∞NUCLEI

- SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)*
- RT AITKEN NUCLEI
- CELLS (BIOLOGY)
- CHARGED PARTICLES
- CHROMOSOMES
- ICE NUCLEI
- NUCLEATION
- NUCLEI (NUCLEAR PHYSICS)
- NUCLEOGENESIS
- ODD-ODD NUCLEI

NUCLEI (NUCLEAR PHYSICS)

- GS GASES
- . IONIZED GASES
- . CHARGED PARTICLES
- . . . NUCLEI (NUCLEAR PHYSICS)
- EVEN-EVEN NUCLEI
- HEAVY NUCLEI
- HYPERNUCLEI
- ODD-EVEN NUCLEI
- ODD-ODD NUCLEI
- PARTICLES
- . CHARGED PARTICLES
- . . . ENERGETIC PARTICLES
- . . . NUCLEI (NUCLEAR PHYSICS)
- RT ATOMS
- CORPUSCULAR RADIATION
- COSMIC RAYS
- ELEMENTARY PARTICLES
- IONS
- ISOTOPES
- NEUTRONS
- NUCLEAR ISOBARS
- ∞NUCLEI
- NUCLEONS
- PROTONS

NUCLEIC ACIDS

- GS ACIDS
- . NUCLEIC ACIDS
- . . . DEOXYRIBONUCLEIC ACID
- . . . GUANOSINES
- . . . RIBONUCLEIC ACIDS
- . . . URIDYLIC ACID

NUCLEOGENESIS

- RT GENETICS
- MUTATIONS
- ∞NUCLEI

NUCLEON POTENTIAL

- RT NEUTRONS

NUCLEON POTENTIAL-(CONT.)

- NUCLEAR PARTICLES
- NUCLEAR POTENTIAL
- ∞POTENTIAL
- PROTONS
- ∞RADIATION

NUCLEON-NUCLEON INTERACTIONS

- GS PARTICLE INTERACTIONS
- . ELEMENTARY PARTICLE INTERACTIONS
- . . . NUCLEON-NUCLEON INTERACTIONS
- RT CHARGED PARTICLES
- ∞INTERACTIONS

NUCLEON-NUCLEON SCATTERING

- GS SCATTERING
- . NUCLEON-NUCLEON SCATTERING
- RT NUCLEAR PARTICLES
- PARTICLE COLLISIONS
- POMERANCHUK THEOREM

NUCLEONICS

- RT ∞ELECTRONICS
- ∞NUCLEAR ENERGY
- NUCLEAR PHYSICS
- TECHNOLOGIES

NUCLEONS

- GS PARTICLES
- . ELEMENTARY PARTICLES
- . . . NUCLEONS
- . . . NUCLEAR PARTICLES
- . . . NUCLEONS
- RT ALPHA PARTICLES
- ANTINUCLEONS
- BARYONS
- CHARGED PARTICLES
- FAST NEUTRONS
- HYPERONS
- NEUTRONS
- NUCLEI (NUCLEAR PHYSICS)
- PROTONS
- VECTOR DOMINANCE MODEL

NUCLEOPHILES

- GS ELECTRON ATTACHMENT
- . NUCLEOPHILES

NUCLEOSIDES

- GS ALIPHATIC COMPOUNDS
- . NUCLEOSIDES
- . . . ADENINES
- . . . ADENOSINES
- ADENOSINE DIPHOSPHATE
- ADENOSINE TRIPHOSPHATE
- CARBOHYDRATES
- . NUCLEOSIDES
- . . . ADENINES
- . . . ADENOSINES
- ADENOSINE DIPHOSPHATE
- ADENOSINE TRIPHOSPHATE
- RT GLUCOSIDES
- RIBOSE
- THYMIDINE

NUCLEOSYNTHESIS

- USE NUCLEAR FUSION

NUCLEOTIDES

- GS ORGANIC COMPOUNDS
- . NUCLEOTIDES
- . . . ADENINES
- . . . ADENOSINES
- ADENOSINE DIPHOSPHATE
- ADENOSINE TRIPHOSPHATE
- . . . POLYNUCLEOTIDES
- . . . PYRIDINE NUCLEOTIDES
- . . . URIDYLIC ACID
- PHOSPHORUS COMPOUNDS
- . PHOSPHATES
- . . . NUCLEOTIDES
- ADENINES
- ADENOSINES
- ADENOSINE DIPHOSPHATE
- ADENOSINE TRIPHOSPHATE
- POLYNUCLEOTIDES
- PYRIDINE NUCLEOTIDES
- URIDYLIC ACID
- PROTEINS
- . NUCLEOTIDES
- . . . ADENINES
- . . . ADENOSINES
- ADENOSINE DIPHOSPHATE
- ADENOSINE TRIPHOSPHATE

NUCLEOTIDES-(CONT.)

- . . . POLYNUCLEOTIDES
- . . . PYRIDINE NUCLEOTIDES
- . . . URIDYLIC ACID

NUCLIDES

- GS CHEMICAL ELEMENTS
- . NUCLIDES
- . . . ISOTOPES
- ALUMINUM ISOTOPES
- ALUMINUM 26
- ALUMINUM 27
- ANTIMONY ISOTOPES
- ARGON ISOTOPES
- BARIUM ISOTOPES
- BERYLLIUM ISOTOPES
- BERYLLIUM 7
- BERYLLIUM 9
- BERYLLIUM 10
- BISMUTH ISOTOPES
- BORON ISOTOPES
- BORON 10
- BROMINE ISOTOPES
- CADMIUM ISOTOPES
- CALCIUM ISOTOPES
- CARBON ISOTOPES
- CARBON 12
- CARBON 13
- CARBON 14
- CERIUM ISOTOPES
- CERIUM 137
- CERIUM 144
- CESIUM ISOTOPES
- CESIUM 133
- CESIUM 134
- CESIUM 137
- CESIUM 144
- CESIUM VAPOR
- CHROMIUM ISOTOPES
- COBALT ISOTOPES
- COBALT 58
- COBALT 60
- DYSPROSIUM ISOTOPES
- ERBIUM ISOTOPES
- EUROPIUM ISOTOPES
- FLUORINE ISOTOPES
- GADOLINIUM ISOTOPES
- GALLIUM ISOTOPES
- GERMANIUM ISOTOPES
- HAFNIUM ISOTOPES
- HELIUM ISOTOPES
- HOLMIUM ISOTOPES
- HYDROGEN ISOTOPES
- DEUTERIUM
- HYDROGEN 4
- TRITIUM
- IODINE ISOTOPES
- IODINE 125
- IODINE 131
- IODINE 132
- IRIDIUM ISOTOPES
- IRON ISOTOPES
- IRON 57
- IRON 58
- IRON 59
- KRYPTON ISOTOPES
- KRYPTON 85
- LANTHANUM ISOTOPES
- LEAD ISOTOPES
- LITHIUM ISOTOPES
- LUTETIUM
- LUTETIUM ISOTOPES
- MANGANESE ISOTOPES
- MERCURY ISOTOPES
- NEODYMIUM ISOTOPES
- NEON ISOTOPES
- NICKEL ISOTOPES
- NIOBIUM ISOTOPES
- NIOBIUM 95
- NITROGEN ISOTOPES
- NITROGEN 15
- NITROGEN 16
- OXYGEN ISOTOPES
- OXYGEN 18
- PHOSPHORUS ISOTOPES
- PHOSPHORUS 32
- PLATINUM ISOTOPES
- POLONIUM ISOTOPES
- POLONIUM 208
- POLONIUM 209
- POLONIUM 210
- POTASSIUM ISOTOPES
- POTASSIUM 38
- POTASSIUM 39
- POTASSIUM 40
- PRASEODYMIUM ISOTOPES

NUCLIDES-(CONT.)

... PROMETHIUM ISOTOPES
 ... PROTACTINIUM ISOTOPES
 ... RADIOACTIVE ISOTOPES
 ... ARSENIC ISOTOPES
 ... ASTATINE ISOTOPES
 ... BERYLLIUM 7
 ... BERYLLIUM 9
 ... BERYLLIUM 10
 ... CARBON 14
 ... CERIUM 137
 ... CERIUM 144
 ... CESIUM 134
 ... CESIUM 137
 ... CESIUM 144
 ... COBALT 58
 ... COBALT 60
 ... GOLD ISOTOPES
 ... GOLD 198
 ... INDIUM ISOTOPES
 ... IODINE 125
 ... IODINE 131
 ... IODINE 132
 ... IRON 59
 ... KRYPTON 85
 ... NIOBIUM 95
 ... NITROGEN 16
 ... PHOSPHORUS 32
 ... POLONIUM 208
 ... POLONIUM 209
 ... POLONIUM 210
 ... POTASSIUM 38
 ... POTASSIUM 40
 ... RUBIDIUM 86
 ... SODIUM 22
 ... SODIUM 24
 ... STRONTIUM 85
 ... STRONTIUM 88
 ... STRONTIUM 89
 ... STRONTIUM 90
 ... TRANSURANIUM ELEMENTS
 ... AMERICIUM
 ... AMERICIUM ISOTOPES
 ... BERKELIUM
 ... CALIFORNIUM
 ... CALIFORNIUM ISOTOPES
 ... CURIUM
 ... CURIUM ISOTOPES
 ... EINSTEINIUM
 ... FERMIUM
 ... LAWRENCIUM
 ... MENDELEVIUM
 ... NEPTUNIUM
 ... NEPTUNIUM ISOTOPES
 ... NOBELIUM
 ... PLUTONIUM
 ... PLUTONIUM ISOTOPES
 ... SERGENIUM
 ... TRITIUM
 ... URANIUM 232
 ... URANIUM 233
 ... URANIUM 238
 ... XENON 133
 ... XENON 135
 ... ZIRCONIUM 95
 ... RADIUM ISOTOPES
 ... RADIUM 226
 ... RADON ISOTOPES
 ... RHODIUM ISOTOPES
 ... RUBIDIUM ISOTOPES
 ... RUBIDIUM 86
 ... RUTHENIUM ISOTOPES
 ... SCANDIUM ISOTOPES
 ... SILVER ISOTOPES
 ... SODIUM ISOTOPES
 ... SODIUM 22
 ... SODIUM 24
 ... STRONTIUM ISOTOPES
 ... STRONTIUM 85
 ... STRONTIUM 87
 ... STRONTIUM 89
 ... STRONTIUM 90
 ... TANTALUM ISOTOPES
 ... TELLURIUM
 ... TELLURIUM ISOTOPES
 ... TERBIUM ISOTOPES
 ... THORIUM ISOTOPES
 ... THULIUM ISOTOPES
 ... TIN ISOTOPES
 ... TITANIUM ISOTOPES
 ... URANIUM ISOTOPES
 ... URANIUM 232
 ... URANIUM 233
 ... URANIUM 234
 ... URANIUM 235
 ... URANIUM 238

NUCLIDES-(CONT.)

... VANADIUM ISOTOPES
 ... XENON ISOTOPES
 ... XENON 129
 ... XENON 133
 ... XENON 135
 ... YTTRIUM ISOTOPES
 ... ZINC ISOTOPES
 ... ZIRCONIUM ISOTOPES
 ... ZIRCONIUM 95
 RT ISOTOPIC ENRICHMENT
 NUCLEAR ISOBARS
 PARTICLE MASS
 NULL HYPOTHESIS
 GS HYPOTHESES
 RT NULL HYPOTHESIS
 CONFIDENCE LIMITS
 DEGREES OF FREEDOM
 SIGNIFICANCE
 STATISTICAL TESTS
 NULL ZONES
 GS REGIONS
 RT NULL ZONES
 DIFFRACTION PATTERNS
 FIELD THEORY (PHYSICS)
 ∞ FORCE
 INTERFEROMETRY
 RADIATION DISTRIBUTION
 VERY LONG BASE INTERFEROMETRY
 NUMBER THEORY
 GS NUMBER THEORY
 . ADDITION THEOREM
 . ARITHMETIC
 . DOUBLE PRECISION ARITHMETIC
 . FIXED POINT ARITHMETIC
 . FLOATING POINT ARITHMETIC
 . CONGRUENCES
 . DIOPHANTINE EQUATION
 . DIVIDING (MATHEMATICS)
 . EXPONENTS
 . INDUCTION (MATHEMATICS)
 . INTEGERS
 . MULTIPLICATION
 . SUBTRACTION
 RT ADDITION
 COMBINATORIAL ANALYSIS
 DECIMALS
 DIGITS
 ∞ DIVISION
 ENUMERATION
 FIBONACCI NUMBERS
 FUNCTIONS (MATHEMATICS)
 ∞ INDUCTION
 INFINITY
 ∞ MATHEMATICS
 ∞ NUMBERS
 QUATERNIONS
 SUBGROUPS
 ∞ THEORIES
 UNIQUENESS THEOREM

∞ NUMBERS

SN (USE OF A MORE SPECIFIC TERM IS
 RECOMMENDED--CONSULT THE TERMS
 LISTED BELOW)
 RT ALPHANUMERIC CHARACTERS
 COMPLEX NUMBERS
 COUNTING
 DECIMALS
 DIGITS
 DIMENSIONLESS NUMBERS
 DOUBLE PRECISION ARITHMETIC
 FIBONACCI NUMBERS
 INTEGERS
 NUMBER THEORY
 QUANTUM NUMBERS
 RANDOM NUMBERS
 REAL NUMBERS

NUMERICAL ANALYSIS

GS ANALYSIS (MATHEMATICS)
 . NUMERICAL ANALYSIS
 . APPROXIMATION
 . BORN APPROXIMATION
 . BORN-OPPENHEIMER
 . APPROXIMATION
 . CHEBYSHEV APPROXIMATION
 . EDDINGTON APPROXIMATION
 . FINITE DIFFERENCE THEORY
 . FINITE ELEMENT METHOD
 . HARTREE APPROXIMATION
 . LEAST SQUARES METHOD

NUMERICAL ANALYSIS-(CONT.)

... MEAN SQUARE VALUES
 ... MILNE METHOD
 ... NEWTON-RAPHSON METHOD
 ... NUMERICAL DIFFERENTIATION
 ... OSEEN APPROXIMATION
 ... PADE APPROXIMATION
 ... PARTICLE IN CELL TECHNIQUE
 ... POHLHAUSEN METHOD
 ... RAYLEIGH-RITZ METHOD
 ... RELAXATION METHOD
 ... (MATHEMATICS)
 ... RITZ AVERAGING METHOD
 ... SOMMERFELD APPROXIMATION
 ... COMPUTATIONAL FLUID DYNAMICS
 ... DIFFERENCE EQUATIONS
 ... ERROR ANALYSIS
 ... GRAEFF CALCULUS
 ... INTERPOLATION
 ... ITERATION
 ... MONTE CARLO METHOD
 ... NOMOGRAPHS
 ... NUMERICAL INTEGRATION
 ... RUNGE-KUTTA METHOD
 RT ADJOINTS
 ALGORITHMS
 ∞ ANALYZING
 ∞ APPLICATIONS OF MATHEMATICS
 ASYMPTOTES
 COMPUTER PROGRAMMING
 DIFFERENTIAL EQUATIONS
 ISOPARAMETRIC FINITE ELEMENTS
 LINEAR PROGRAMMING
 MATHEMATICAL TABLES
 ∞ MATHEMATICS
 METHOD OF MOMENTS
 SIGNIFICANCE
 SPATIAL MARCHING
 TIME MARCHING
 TRAJECTORY ANALYSIS

NUMERICAL CONTROL

UF COMPUTERIZED CONTROL
 GS AUTOMATIC CONTROL
 . NUMERICAL CONTROL
 RT ∞ AUTOMATION
 COMPUTER PROGRAMS
 ∞ CONTROL
 DIGITAL COMMAND SYSTEMS
 DIGITAL TECHNIQUES
 ELECTRIC CONTROL
 INTERACTIVE CONTROL
 MACHINE TOOLS
 PRODUCTION ENGINEERING
 SEQUENTIAL CONTROL
 STANDARDIZATION

NUMERICAL DIFFERENTIATION

GS ANALYSIS (MATHEMATICS)
 . NUMERICAL ANALYSIS
 . APPROXIMATION
 . . NUMERICAL DIFFERENTIATION
 . REAL VARIABLES
 . NUMERICAL DIFFERENTIATION
 RT ALGORITHMS
 COMPUTER TECHNIQUES
 DIFFERENTIAL CALCULUS
 DIFFERENTIAL EQUATIONS
 ESTIMATING
 FUNCTIONS (MATHEMATICS)
 ∞ THEORIES

NUMERICAL FLOW VISUALIZATION

GS FLOW VISUALIZATION
 . NUMERICAL FLOW VISUALIZATION
 RT FLOW DISTRIBUTION
 HYDRAULIC ANALOGIES

NUMERICAL INTEGRATION

UF COWELL METHOD
 GS ANALYSIS (MATHEMATICS)
 . NUMERICAL ANALYSIS
 . NUMERICAL INTEGRATION
 . . RUNGE-KUTTA METHOD
 . REAL VARIABLES
 . MEASURE AND INTEGRATION
 . . NUMERICAL INTEGRATION
 . . . RUNGE-KUTTA METHOD
 RT DIFFERENTIAL EQUATIONS
 DIGITAL INTEGRATORS
 INTEGRAL CALCULUS

NUMERICAL STABILITY

RT APPROXIMATION
 DIFFERENCE EQUATIONS

NUMERICAL WEATHER FORECASTING

NUMERICAL STABILITY-(CONT.)
 DIFFERENTIAL EQUATIONS

NUMERICAL WEATHER FORECASTING
 GS FORECASTING
 . WEATHER FORECASTING
 . . NUMERICAL WEATHER FORECASTING
 METEOROLOGY
 . WEATHER FORECASTING
 . . NUMERICAL WEATHER FORECASTING
 RT ATMOSPHERIC MODELS
 COMPUTERIZED SIMULATION
 LONG RANGE WEATHER FORECASTING
 MATHEMATICAL MODELS
 STATISTICAL WEATHER FORECASTING

NUNATAKS
 GS LANDFORMS
 . ISLANDS
 . . NUNATAKS
 RT ARCTIC REGIONS
 ROCKS
 SEA ICE

NUSSELT NUMBER
 GS RATIOS
 . DIMENSIONLESS NUMBERS
 . . NUSSELT NUMBER
 RT CONVECTIVE HEAT TRANSFER
 HEAT TRANSFER
 PRANDTL NUMBER
 SCHMIDT NUMBER

NUTATION
 UF NUTATIONAL OSCILLATION
 RT ACTUATION
 DISPLACEMENT
 ∞ DYNAMICS
 KINEMATICS
 LIBRATION
 ∞ MOTION
 PERTURBATION
 POLAR WANDERING (GEOLOGY)
 PRECESSION
 ROTATION
 VIBRATION

NUTATION DAMPERS
 RT CONTROL MOMENT GYROSCOPES
 ∞ DAMPERS
 OSCILLATION DAMPERS
 SPACECRAFT STABILITY

NUTATIONAL OSCILLATION
 USE NUTATION

∞ NUTRIENTS
 SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)*
 RT AQUICULTURE
 CALORIC REQUIREMENTS
 CARBOHYDRATES
 EUTROPHICATION
 FATS
 FATTY ACIDS
 FISHES
 LIFE SUPPORT SYSTEMS
 LIPID METABOLISM
 LIPIDS
 MINERALS
 NUTRITION
 NUTRITIONAL REQUIREMENTS
 PROTEINS
 TRACE ELEMENTS
 VITAMINS

NUTRITION
 RT BIOCHEMISTRY
 BROTHS
 CALORIC REQUIREMENTS
 DIETS
 ∞ FOOD
 METABOLISM
 NITROGEN METABOLISM
 ∞ NUTRIENTS
 NUTRITIONAL REQUIREMENTS
 PHYSIOLOGY
 SPACE FLIGHT FEEDING

NUTRITIONAL REQUIREMENTS
 GS NUTRITIONAL REQUIREMENTS

NUTRITIONAL REQUIREMENTS-(CONT.)
 . CALORIC REQUIREMENTS
 RT ATROPHY
 ∞ NUTRIENTS
 NUTRITION
 SPACE FLIGHT FEEDING
 SYNTHETIC FOOD

NUTS (FASTENERS)
 GS FASTENERS
 . NUTS (FASTENERS)
 RT ANCHORS (FASTENERS)
 BOLTS
 HOLDERS
 SCREWS
 THREADS

NUTS (FRUITS)
 RT ANGIOSPERMS
 ORCHARDS
 SEEDS

NYLON (TRADEMARK)
 GS FIBERS
 . SYNTHETIC FIBERS
 . . NYLON (TRADEMARK)
 RT POLYMERIC FILMS
 ∞ POLYMERS

NYLON RESINS
 USE POLYAMIDE RESINS

NYQUIST DIAGRAM
 GS DIAGRAMS
 . NYQUIST DIAGRAM
 RT CONTROL STABILITY
 TRANSFER FUNCTIONS

NYQUIST FREQUENCIES
 GS FREQUENCIES
 . NYQUIST FREQUENCIES
 RT LINEAR RECEIVERS

NYSTAGMUS
 GS EYE MOVEMENTS
 . NYSTAGMUS
 RT ELECTRONYSTAGMOGRAPHY

O

O RING SEALS
 GS SEALS (STOPPERS)
 . O RING SEALS
 RT GASKETS
 GLANDS (SEALS)
 HERMETIC SEALS
 LABYRINTH SEALS
 ∞ RINGS

O STARS
 GS CELESTIAL BODIES
 . STARS
 . . HOT STARS
 . . . O STARS
 RT BLUE STARS
 WOLF-RAYET STARS

OAK RIDGE ISOCRONOUS CYCLOTRON
 UF ORIC CYCLOTRON
 GS PARTICLE ACCELERATORS
 . CYCLOTRONS
 . . OAK RIDGE ISOCRONOUS CYCLOTRON

OA0
 UF ORBITING ASTRONOMICAL OBSERVATORY
 GS S-18 SATELLITE
 OBSERVATORIES
 . ASTRONOMICAL OBSERVATORIES
 . . OA0
 . . . OA0 1
 . . . OA0 2
 . . . OA0 3
 SATELLITES
 . ARTIFICIAL SATELLITES
 . . OA0
 . . . OA0 1
 . . . OA0 2
 . . . OA0 3
 . EARTH SATELLITES

OA0-(CONT.)
 . . OA0
 . . . OA0 1
 . . . OA0 2
 . . . OA0 3
 RT AGENA B ROCKET VEHICLE
 ATLAS LAUNCH VEHICLES
 HEAO
 HEAO 1
 HEAO 2
 HEAO 3
 MANNED ORBITAL TELESCOPES

OA0 1
 UF OA0-A
 GS OBSERVATORIES
 . ASTRONOMICAL OBSERVATORIES
 . . OA0
 . . . OA0 1
 SATELLITES
 . ARTIFICIAL SATELLITES
 . . OA0
 . . . OA0 1
 . EARTH SATELLITES
 . . OA0
 . . . OA0 1
 RT ATLAS CENTAUR LAUNCH VEHICLE

OA0 2
 UF OA0-A2
 GS OBSERVATORIES
 . ASTRONOMICAL OBSERVATORIES
 . . OA0
 . . . OA0 2
 SATELLITES
 . ARTIFICIAL SATELLITES
 . . OA0
 . . . OA0 2
 . EARTH SATELLITES
 . . OA0
 . . . OA0 2
 RT ATLAS CENTAUR LAUNCH VEHICLE

OA0 3
 UF COPERNICUS SPACECRAFT
 OA0-C
 GS OBSERVATORIES
 . ASTRONOMICAL OBSERVATORIES
 . . OA0
 . . . OA0 3
 SATELLITES
 . ARTIFICIAL SATELLITES
 . . OA0
 . . . OA0 3
 . EARTH SATELLITES
 . . OA0
 . . . OA0 3
 RT ATLAS CENTAUR LAUNCH VEHICLE

OA0-A
 USE OA0 1

OA0-A2
 USE OA0 2

OA0-C
 USE OA0 3

OASES
 RT AQUIFERS
 ARID LANDS
 DESERTS
 POTABLE WATER
 SPRINGS (WATER)
 VEGETATION
 WELLS

OATS
 GS FARM CROPS
 . GRAINS (FOOD)
 . . OATS
 PLANTS (BOTANY)
 . OATS
 RT AGRICULTURE
 BOTANY
 CROP GROWTH
 CROP VIGOR
 CURING
 EARTH RESOURCES
 ∞ FOOD
 ∞ GRAINS
 GRASSES
 IRRIGATION
 SEEDS

OBESITY

RT BODY FLUIDS
BODY MEASUREMENT (BIOLOGY)
BODY SIZE (BIOLOGY)
BODY VOLUME (BIOLOGY)
BODY WEIGHT
METABOLISM

OBJECT PROGRAMS

GS COMPUTER PROGRAMS
. OBJECT PROGRAMS

OBLATE SPHEROIDS

GS GEOMETRY
. EUCLIDEAN GEOMETRY
. ANALYTIC GEOMETRY
. SPHEROIDS
. . . . OBLATE SPHEROIDS
RT ELLIPTICITY
FINENESS RATIO
FLATTENING
GEODESY
GEOIDS
PROLATE SPHEROIDS
SHAPES
SOLAR OBLATENESS

OBLIQUE COORDINATES

GS COORDINATES
. OBLIQUE COORDINATES
RT CARTESIAN COORDINATES

OBLIQUE SHOCK WAVES

GS ELASTIC WAVES
. SHOCK WAVES
. . . OBLIQUE SHOCK WAVES
RT MAGNETOHYDRODYNAMIC WAVES
NORMAL SHOCK WAVES
SHOCK LAYERS
SUPERSONIC COMPRESSORS

OBLIQUE WINGS

GS AIRFOILS
. WINGS
. . . OBLIQUE WINGS
RT AERODYNAMIC CONFIGURATIONS
AIRCRAFT PARTS
AIRCRAFT STRUCTURES
DRONE AIRCRAFT
PILOTLESS AIRCRAFT
REMOTELY PILOTED VEHICLES
WING PLANFORMS

OBLIQUENESS

RT ANGLES (GEOMETRY)
INCIDENT RADIATION

OBSCURATION

USE OCCULTATION

OBSERVABILITY (SYSTEMS)

RT BOUNDARY VALUE PROBLEMS
CONTROL THEORY
DEPENDENT VARIABLES
FEEDBACK CONTROL
INDEPENDENT VARIABLES
OBSERVATION
PARAMETER IDENTIFICATION
STATE VECTORS
SYSTEM IDENTIFICATION
SYSTEMS ANALYSIS
SYSTEMS ENGINEERING

OBSERVATION

GS **OBSERVATION**
. EARTH OBSERVATIONS (FROM SPACE)
. . . SATELLITE OBSERVATION
. . . SPOT (FRENCH SATELLITE)
. . . SPACE OBSERVATIONS (FROM EARTH)
. . . VISUAL OBSERVATION
RT COUNTING
DATA ACQUISITION
DETECTION
EVALUATION
EXAMINATION
FOREST FIRE DETECTION
OBSERVABILITY (SYSTEMS)
∞ PERFORMANCE
RADIO OBSERVATION
RECONNAISSANCE

OBSERVATION AIRCRAFT

GS **OBSERVATION AIRCRAFT**
. A-2 AIRCRAFT

OBSERVATION AIRCRAFT-(CONT.)

. BREGUET 1150 AIRCRAFT
. CESSNA L-19 AIRCRAFT
. CL-28 AIRCRAFT
. CL-84 AIRCRAFT
. E-2 AIRCRAFT
. F-5 AIRCRAFT
. G-91 AIRCRAFT
. G-95/4 AIRCRAFT
. MIRAGE AIRCRAFT
. . . MIRAGE 3 AIRCRAFT
. OH-4 HELICOPTER
. OH-5 HELICOPTER
. OH-6 HELICOPTER
. OV-1 AIRCRAFT
. OV-10 AIRCRAFT
. P-1127 AIRCRAFT
. P-1154 AIRCRAFT
. RB-50 AIRCRAFT
. RF-4 AIRCRAFT
. SUNDERLAND 5 FLYING BOAT
. TSR-2 AIRCRAFT
. U-2 AIRCRAFT
RT ∞ AIRCRAFT
ANTISUBMARINE WARFARE AIRCRAFT
BALLOONS
FLYING PLATFORMS
GLIDERS
HS-801 AIRCRAFT
LIGHT AIRCRAFT
∞ MILITARY AIRCRAFT
RECONNAISSANCE AIRCRAFT
TERRAIN FOLLOWING AIRCRAFT
UTILITY AIRCRAFT
WEATHER RECONNAISSANCE AIRCRAFT

OBSERVATORIES

GS **OBSERVATORIES**
. ASTRONOMICAL OBSERVATORIES
. . . GAMMA RAY OBSERVATORY
. . . HEAO
. . . HEAO 1
. . . HEAO 2
. . . HEAO 3
. . . OAO
. . . OAO 1
. . . OAO 2
. . . OAO 3
. . . OSO
. . . AOSO
. . . OSO-C
. . . OSO-1
. . . OSO-2
. . . OSO-3
. . . OSO-4
. . . OSO-5
. . . OSO-6
. . . OSO-7
. . . OSO-8
. . . GEOPHYSICAL OBSERVATORIES
. . . OGO
. . . EGO
. . . OGO-A
. . . OGO-3
. . . OGO-5
. . . POGO
. . . OGO-C
. . . OGO-4
. . . OGO-6
. . . OSO
. . . OSO-C
. . . OSO-1
. . . OSO-2
. . . OSO-3
. . . OSO-4
. . . OSO-5
. . . OSO-6
. . . OSO-7
. . . OSO-8
. . . JODRELL BANK OBSERVATORY
. . . LUNAR OBSERVATORIES
. . . SOLAR OBSERVATORIES
. . . OSO
. . . AOSO
. . . OSO-C
. . . OSO-1
. . . OSO-2
. . . OSO-3
. . . OSO-4
. . . OSO-5
. . . OSO-6
. . . OSO-7
. . . OSO-8
RT ARTIFICIAL SATELLITES

OBSIDIAN

GS ROCKS
. IGNEOUS ROCKS
. . . **OBSIDIAN**
. . . . MOLDAVITE
RT GLASS
MINERALS
POWDER (PARTICLES)
PUMICE
SILICON DIOXIDE
SOILS

OBSIDIAN GLASS

GS GLASS
. **OBSIDIAN GLASS**

OBSTACLE AVOIDANCE

RT AIRCRAFT MANEUVERS
EVASIVE ACTIONS
TACTICS
VULNERABILITY

OBSTACLES

USE BARRIERS

OBSTRUCTING

USE BLOCKING

OCCIPITAL LOBES

GS ANATOMY
. HEAD (ANATOMY)
. . . **OCCIPITAL LOBES**

OCCCLUSION

RT DEGASSING
GAS-METAL INTERACTIONS
GAS-SOLID INTERFACES
SOLIDIFICATION

OCCULTATION

UF **OCCULTATION**
GS **OCCULTATION**
. LUNAR OCCULTATION
. . . SOLAR ECLIPSES
. . . RADIO OCCULTATION
. . . STELLAR OCCULTATION
RT ∞ CONJUNCTION
ECLIPSES
EXTINGUISHING
∞ TRANSIT

OCCUPATION

RT INDUSTRIAL SAFETY
PERSONNEL
WORK

OCCURRENCES

RT EVENTS

OCEAN BOTTOM

RT BEDS (GEOLOGY)
CONTINENTAL SHELVES
CORE SAMPLING
CRATONS
GEOLOGY
MARINE CHEMISTRY
MUD
OCEANOGRAPHY
SEAMOUNTS
SEDIMENTS
SLUDGE
UNDERWATER RESOURCES

OCEAN COLOR SCANNER

RT CHLOROPHYLLS
COASTAL WATER
COLORIMETRY
MULTISPECTRAL BAND SCANNERS
OCEAN DATA ACQUISITIONS SYSTEMS
OCEANOGRAPHIC PARAMETERS
OCEANOGRAPHY
PHOTOMAPPING
REMOTE SENSORS
WATER COLOR

OCEAN CURRENTS

GS CIRCULATION
. WATER CIRCULATION
. . . WATER CURRENTS
. . . . **OCEAN CURRENTS**
. COASTAL CURRENTS
. LOMONOSOV CURRENT
RT CORE SAMPLING
∞ CURRENTS

OCEAN DATA ACQUISITIONS SYSTEMS

OCEAN CURRENTS-(CONT.)

FLUID FLOW
FRONTAL WAVES
HYDROGRAPHY
LITTORAL DRIFT
LITTORAL TRANSPORT
OCEAN DYNAMICS
OCEANOGRAPHY
OCEANS
PRESSURE ICE
SALINITY
SPITSBERGEN (NORWAY)
TIDAL WAVES
TIDE POWERED GENERATORS
TIDE POWERED MACHINES
TIDEPOWER
TIDES
TOPEX
UPWELLING WATER
WATERWAVE ENERGY CONVERSION
WATERWAVE POWERED MACHINES

OCEAN DATA ACQUISITIONS SYSTEMS

UF OCEAN DATA PLATFORMS
OCEAN DATA STATIONS
ODAS
RT AUTOMATIC WEATHER STATIONS
BUOYS
DATA ACQUISITION
GROUND STATIONS
INSTRUMENT PACKAGES
METEOROLOGICAL PARAMETERS
OCEAN COLOR SCANNER
OCEANOGRAPHIC PARAMETERS
SHIPS
TRANSOCEANIC SYSTEMS
UNDERWATER RESEARCH
LABORATORIES
WEATHER STATIONS

OCEAN DATA PLATFORMS

USE OCEAN DATA ACQUISITIONS SYSTEMS

OCEAN DATA STATIONS

USE OCEAN DATA ACQUISITIONS SYSTEMS

OCEAN DYNAMICS

RT AIR WATER INTERACTIONS
DYNAMIC CHARACTERISTICS
FLUID DYNAMICS
HYDRODYNAMICS
OCEAN CURRENTS
OCEAN MODELS
OCEAN SURFACE
OCEANOGRAPHY
WATER WAVES

OCEAN MODELS

GS MODELS
RT . OCEAN MODELS
AIR WATER INTERACTIONS
ATMOSPHERIC MODELS
DYNAMIC MODELS
MARINE ENVIRONMENTS
MATHEMATICAL MODELS
OCEAN DYNAMICS
OCEANOGRAPHY
SARGASSO SEA
SEA LEVEL
SEA ROUGHNESS
SEA STATES

OCEAN SURFACE

RT EARTH SURFACE
FLUID FLOW
HYDROGRAPHY
OCEAN DYNAMICS
OCEANOGRAPHIC PARAMETERS
OCEANOGRAPHY
SARGASSO SEA
SEA LEVEL
SEA ROUGHNESS
SEA STATES
SEA TRUTH
SEA WATER
TIDAL WAVES
TIDE POWERED GENERATORS
TIDE POWERED MACHINES
TIDEPOWER
TIDES
TOPEX
WATERWAVE ENERGY CONVERSION
WATERWAVE POWERED MACHINES

OCEAN TEMPERATURE

GS OCEANOGRAPHIC PARAMETERS

OCEAN TEMPERATURE-(CONT.)

. OCEAN TEMPERATURE
TEMPERATURE
. WATER TEMPERATURE
RT . OCEAN TEMPERATURE
OCEANOGRAPHY
OCEANS
OFFSHORE ENERGY SOURCES
SEA STATES
SEA TRUTH
SEA WATER
SEAS
SOLAR SEA POWER PLANTS
SURFACE TEMPERATURE
TEMPERATURE DISTRIBUTION
TEMPERATURE GRADIENTS
THERMAL POLLUTION

OCEAN THERMAL ENERGY CONVERSION

GS ENERGY CONVERSION
RT . OCEAN THERMAL ENERGY
CONVERSION
ENERGY SOURCES
GEOTHERMAL ENERGY CONVERSION
GEOTHERMAL TECHNOLOGY
SOLAR SEA POWER PLANTS

OCEANOGRAPHIC PARAMETERS

GS OCEANOGRAPHIC PARAMETERS
OCEAN TEMPERATURE
RT ATMOSPHERIC & OCEANOGRAPHIC
INFORM SYS
INTEGRATED GLOBAL OCEAN STATION
SYSTEMS
METEOROLOGICAL PARAMETERS
OCEAN COLOR SCANNER
OCEAN DATA ACQUISITIONS SYSTEMS
OCEAN SURFACE
SALINITY
SEA STATES

OCEANOGRAPHY

RT ARTIFICIAL HARBORS
ATMOSPHERIC & OCEANOGRAPHIC
INFORM SYS
BATHYMETERS
BAY ICE
BREAKWATERS
COASTAL CURRENTS
CORE SAMPLING
DEEP SCATTERING LAYERS
DEEPWATER TERMINALS
EARTH & OCEAN PHYSICS
APPLICATIONS PROGRAM
EARTH PLANETARY STRUCTURE
EARTH RESOURCES
ENVIRONMENTAL MONITORING
EROS (SATELLITES)
ESTUARIES
FIORDS
FRONTAL WAVES
GARP ATLANTIC TROPICAL EXPERIMENT
GEOGRAPHY
GEOLOGY
GEOPHYSICS
HARBORS
HYDROCLIMATOLOGY
HYDROGRAPHY
HYDROLOGY
ICE FLOES
ICE MAPPING
ISTHMUSES
LANDSAT SATELLITES
MARINE BIOLOGY
MARINE ENVIRONMENTS
MARINE METEOROLOGY
MARINE RESOURCES
MARINE TECHNOLOGY
MARSHLANDS
METEOROLOGY
OCEAN BOTTOM
OCEAN COLOR SCANNER
OCEAN CURRENTS
OCEAN DYNAMICS
OCEAN MODELS
OCEAN SURFACE
OCEAN TEMPERATURE
OCEANS
OFFSHORE DOCKING
OFFSHORE PLATFORMS
OIL SLICKS
PELAGIC ZONE
PHYSICAL SCIENCES

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OCEANOGRAPHY-(CONT.)

RED TIDE
REEFS
SARGASSO SEA
SCIENCE
SEA GRASSES
SEA ICE
SEA LEVEL
SEA ROUGHNESS
SEA STATES
SEA WATER
SEAS
SEASAT PROGRAM
SEASAT SATELLITES
SEASAT-A SATELLITE
SEASAT-B SATELLITE
SEAWEEDES
SHALLOW WATER
SHIPYARDS
SHOALS
SHORELINES
TANKER TERMINALS
THERMOCLINES
TIDAL WAVES
TIDE POWERED GENERATORS
TIDEPOWER
TIDES
TOPEX
TOPOGRAPHY
UNDERWATER RESEARCH
LABORATORIES
UNDERWATER RESOURCES
WATER CIRCULATION
WATER CURRENTS
WATERFOWL
WATERWAVE ENERGY
WATERWAVE ENERGY CONVERSION
WETLANDS

OCEANS

GS OCEANS
ARCTIC OCEAN
ATLANTIC OCEAN
INDIAN OCEAN
PACIFIC OCEAN
RT COASTAL CURRENTS
COASTAL WATER
COASTS
EARTH HYDROSPHERE
GEOGRAPHY
KEYS (ISLANDS)
MARINE RESOURCES
NEARSHORE WATER
OCEAN CURRENTS
OCEAN TEMPERATURE
OCEANOGRAPHY
SEAS
SEAWEEDES
SHALLOW WATER
SHOALS
SHORELINES
SOUNDS (TOPOGRAPHIC FEATURES)
THERMAL POLLUTION
TIDAL FLATS
TIDE POWERED GENERATORS
WATER COLOR
WATER DEPTH
WATER RESOURCES
WATERWAVE ENERGY CONVERSION

OCTAHEDRAL RESEARCH SATELLITES

USE ENVIRONMENTAL RESEARCH
SATELLITES

OCTAHEDRITE

USE ANATASE

OCTAHEDRONS

GS GEOMETRY
EUCLIDEAN GEOMETRY
POLYHEDRONS
OCTAHEDRONS

OCOTANE

SN (USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)
RT ANTIKNOCK ADDITIVES
OCTANES

OCTANE NUMBER

RT GASOLINE

OCTANES

SN (ACYCLIC HYDROCARBONS)
 GS ALIPHATIC COMPOUNDS
 . ALKANES
 . . . **OCTANES**
 HYDROCARBONS
 . ALKANES
 . . . **OCTANES**
 RT ANTIKNOCK ADDITIVES
 ∞ OCTANE

OCTAVES

GS RANGE (EXTREMES)
 . FREQUENCY RANGES
 . . . **OCTAVES**
 RT ACOUSTICS
 MUSIC

OCTETS

GS VALENCE
 . **OCTETS**
 RT ATOMIC STRUCTURE
 CHEMICAL BONDS

OCTOATES

GS ALIPHATIC COMPOUNDS
 . **OCTOATES**
 ESTERS
 . **OCTOATES**

OCTOL (EXPLOSIVE)

GS EXPLOSIVES
 . **OCTOL (EXPLOSIVE)**

OCTOPUSES

GS ANIMALS
 . INVERTEBRATES
 . . . ARTHROPODS
 . . . CEPHALOPODS
 **OCTOPUSES**

OCULAR CIRCULATION

GS CIRCULATION
 . BLOOD CIRCULATION
 . **OCULAR CIRCULATION**

OCULOGRAPHIC ILLUSIONS

GS PSYCHOLOGICAL EFFECTS
 . ILLUSIONS
 . . . **OCULOGRAPHIC ILLUSIONS**
 RT GRAVIRECEPTORS
 OTOLITH ORGANS
 VERTICAL PERCEPTION

OCULOMETERS

GS MEASURING INSTRUMENTS
 . OPTICAL MEASURING INSTRUMENTS
 . . . **OCULOMETERS**
 RT EYE MOVEMENTS
 ∞ INSTRUMENTS
 OPTICAL TRACKING

OCULOMOTOR NERVES

GS ANATOMY
 . SENSE ORGANS
 . . . EYE (ANATOMY)
 . . . **OCULOMOTOR NERVES**
 RT VISION

ODAS

USE OCEAN DATA ACQUISITIONS SYSTEMS

ODD-EVEN NUCLEI

GS GASES
 . IONIZED GASES
 . . . CHARGED PARTICLES
 . . . NUCLEI (NUCLEAR PHYSICS)
 **ODD-EVEN NUCLEI**
 RT EVEN-EVEN NUCLEI
 ODD-ODD NUCLEI

ODD-ODD NUCLEI

GS GASES
 . IONIZED GASES
 . . . CHARGED PARTICLES
 . . . NUCLEI (NUCLEAR PHYSICS)
 **ODD-ODD NUCLEI**
 RT EVEN-EVEN NUCLEI
 NUCLEAR STRUCTURE
 ∞ NUCLEI
 ODD-EVEN NUCLEI

ODESSA METEORITE

GS CELESTIAL BODIES

ODESSA METEORITE-(CONT.)

. METEORITES
 . . . IRON METEORITES
 **ODESSA METEORITE**

ODORS

RT AIR POLLUTION
 COMBUSTION PRODUCTS
 EXHAUST GASES
 GASES

OFF-ON CONTROL

UF BANG-BANG CONTROL
 GS AUTOMATIC CONTROL
 . **OFF-ON CONTROL**
 RT CONTROL EQUIPMENT
 CONTROL THEORY
 PROPORTIONAL CONTROL
 SERVOCONTROL
 SOLENOID VALVES

OFFGASSING

RT DEGASSING
 VACUUM
 VACUUM EFFECTS

OFFICE OF SPACE & TERRESTRIAL APPLICATIONS PAYLOADS

USE OSTA-1 PAYLOAD

OFFSHORE DOCKING

RT ARTIFICIAL HARBORS
 CARGO SHIPS
 DEEPWATER TERMINALS
 MARINE TECHNOLOGY
 MARINE TRANSPORTATION
 OCEANOGRAPHY
 SHIP TERMINALS
 TANKER SHIPS
 TANKER TERMINALS
 ∞ TANKERS
 TERMINAL FACILITIES
 TRANSPORTATION

OFFSHORE ENERGY SOURCES

RT CRUDE OIL
 DEEPWATER TERMINALS
 DRILLING
 ENERGY TECHNOLOGY
 MARINE TECHNOLOGY
 OCEAN TEMPERATURE
 OIL EXPLORATION
 OIL FIELDS
 SEA BREEZE
 SEEPAGE

OFFSHORE PLATFORMS

RT ARTIFICIAL HARBORS
 CARGO SHIPS
 DEEPWATER TERMINALS
 MARINE TECHNOLOGY
 OCEANOGRAPHY
 ∞ PLATFORMS
 TANKER SHIPS
 TANKER TERMINALS
 ∞ TANKERS
 TERMINAL FACILITIES
 TRANSPORTATION

OFFSHORE REACTOR SITES

GS SITES
 . **OFFSHORE REACTOR SITES**
 RT REACTOR DESIGN
 REACTOR SAFETY
 REACTOR TECHNOLOGY
 REMOTE REGIONS

OFT

USE SPACE TRANSPORTATION SYSTEM
 FLIGHTS

OFT 1

USE SPACE TRANSPORTATION SYSTEM 1
 FLIGHT

OFT 2

USE SPACE TRANSPORTATION SYSTEM 2
 FLIGHT

OFT 3

USE SPACE TRANSPORTATION SYSTEM 3
 FLIGHT

OFT 4

USE SPACE TRANSPORTATION SYSTEM 4
 FLIGHT

OGEE SHAPE

GS SHAPES
 . **OGEE SHAPE**
 RT VARIABLE SWEEP WINGS

OGEE WINGS

USE VARIABLE SWEEP WINGS

OGIVES

RT BODIES OF REVOLUTION
 ELLIPSOIDS
 FAIRINGS
 NOSE CONES
 SPHERES
 STREAMLINED BODIES
 SYMMETRICAL BODIES

OGO

UF ORBITING GEOPHYSICAL OBSERVATORY
 GS OBSERVATORIES

. GEOPHYSICAL OBSERVATORIES

. . . **OGO**

. . . . EGO

. OGO-A

. OGO-3

. OGO-5

. POGO

. OGO-C

. OGO-4

. OGO-6

. SATELLITES

. ARTIFICIAL SATELLITES

. GEOPHYSICAL SATELLITES

. **OGO**

. EGO

. OGO-A

. OGO-3

. OGO-5

. POGO

. OGO-C

. OGO-4

. OGO-6

. EARTH SATELLITES

. GEOPHYSICAL SATELLITES

. **OGO**

. EGO

. OGO-A

. OGO-3

. OGO-5

. POGO

. OGO-C

. OGO-4

. OGO-6

. GAMMA RAY OBSERVATORY

OGO-A

UF S-49 SATELLITE
 GS OBSERVATORIES

. GEOPHYSICAL OBSERVATORIES

. . . **OGO**

. . . . **OGO-A**

. SATELLITES

. ARTIFICIAL SATELLITES

. GEOPHYSICAL SATELLITES

. **OGO**

. **OGO-A**

. EARTH SATELLITES

. GEOPHYSICAL SATELLITES

. **OGO**

. **OGO-A**

. ATLAS AGENA LAUNCH VEHICLES

OGO-B

USE OGO-3

OGO-C

UF S-50 SATELLITE
 GS OBSERVATORIES

. GEOPHYSICAL OBSERVATORIES

. . . **OGO**

. . . . POGO

. **OGO-C**

OGO-D

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OGO-C-(CONT.)

SATELLITES
 . ARTIFICIAL SATELLITES
 . . . GEOPHYSICAL SATELLITES
 OGO
 POGO
 **OGO-C**
 . EARTH SATELLITES
 . . . GEOPHYSICAL SATELLITES
 OGO
 POGO
 **OGO-C**

OGO-D
 USE OGO-4

OGO-E
 USE OGO-5

OGO-F
 USE OGO-6

OGO-3
 UF OGO-8
 GS OBSERVATORIES
 . . . GEOPHYSICAL OBSERVATORIES
 OGO
 **OGO-3**
 SATELLITES
 . . . ARTIFICIAL SATELLITES
 GEOPHYSICAL SATELLITES
 OGO
 **OGO-3**
 . EARTH SATELLITES
 . . . GEOPHYSICAL SATELLITES
 OGO
 **OGO-3**
 THOR AGENA LAUNCH VEHICLE

RT

OGO-4
 UF OGO-D
 GS OBSERVATORIES
 . . . GEOPHYSICAL OBSERVATORIES
 OGO
 POGO
 **OGO-4**
 SATELLITES
 . . . ARTIFICIAL SATELLITES
 GEOPHYSICAL SATELLITES
 OGO
 POGO
 **OGO-4**
 . EARTH SATELLITES
 . . . GEOPHYSICAL SATELLITES
 OGO
 POGO
 **OGO-4**
 GEODESY

RT

OGO-5
 UF OGO-E
 GS OBSERVATORIES
 . . . GEOPHYSICAL OBSERVATORIES
 OGO
 **OGO-5**
 SATELLITES
 . . . ARTIFICIAL SATELLITES
 GEOPHYSICAL SATELLITES
 OGO
 POGO
 **OGO-5**
 . EARTH SATELLITES
 . . . GEOPHYSICAL SATELLITES
 OGO
 **OGO-5**
 GEODESY

RT

OGO-6
 UF OGO-F
 GS OBSERVATORIES
 . . . GEOPHYSICAL OBSERVATORIES
 OGO
 POGO
 **OGO-6**
 SATELLITES
 . . . ARTIFICIAL SATELLITES
 GEOPHYSICAL SATELLITES
 OGO
 POGO
 **OGO-6**
 . EARTH SATELLITES
 . . . GEOPHYSICAL SATELLITES
 OGO
 POGO
 **OGO-6**

OH-4 HELICOPTER

UF HO-4 HELICOPTER
 GS BELL AIRCRAFT
 . . . **OH-4 HELICOPTER**
 LIGHT AIRCRAFT
 . . . **OH-4 HELICOPTER**
 OBSERVATION AIRCRAFT
 . . . **OH-4 HELICOPTER**
 V/STOL AIRCRAFT
 . . . ROTARY WING AIRCRAFT
 HELICOPTERS
 MILITARY HELICOPTERS
 **OH-4 HELICOPTER**

OH-5 HELICOPTER

UF FH-1100 HELICOPTER
 GS HO-5 HELICOPTER
 FAIRCHILD-HILLER AIRCRAFT
 . . . **OH-5 HELICOPTER**
 HILLER AIRCRAFT
 . . . **OH-5 HELICOPTER**
 LIGHT AIRCRAFT
 . . . **OH-5 HELICOPTER**
 OBSERVATION AIRCRAFT
 . . . **OH-5 HELICOPTER**
 PASSENGER AIRCRAFT
 . . . **OH-5 HELICOPTER**
 V/STOL AIRCRAFT
 . . . ROTARY WING AIRCRAFT
 HELICOPTERS
 MILITARY HELICOPTERS
 **OH-5 HELICOPTER**

RT RIGID ROTOR HELICOPTERS

OH-6 HELICOPTER

UF HO-6 HELICOPTER
 GS LOH HELICOPTER
 HUGHES AIRCRAFT
 . . . **OH-6 HELICOPTER**
 LIGHT AIRCRAFT
 . . . **OH-6 HELICOPTER**
 OBSERVATION AIRCRAFT
 . . . **OH-6 HELICOPTER**
 V/STOL AIRCRAFT
 . . . ROTARY WING AIRCRAFT
 HELICOPTERS
 MILITARY HELICOPTERS
 **OH-6 HELICOPTER**

OH-13 HELICOPTER

UF H-13 HELICOPTER
 GS SIOUX HELICOPTER
 UH-13 HELICOPTER
 BELL AIRCRAFT
 . . . **OH-13 HELICOPTER**
 LIGHT AIRCRAFT
 . . . **OH-13 HELICOPTER**
 UTILITY AIRCRAFT
 . . . **OH-13 HELICOPTER**
 V/STOL AIRCRAFT
 . . . ROTARY WING AIRCRAFT
 HELICOPTERS
 MILITARY HELICOPTERS
 **OH-13 HELICOPTER**

OH-23 HELICOPTER

UF H-23 HELICOPTER
 GS RAVEN HELICOPTER
 UH-12 HELICOPTER
 FAIRCHILD-HILLER AIRCRAFT
 . . . **OH-23 HELICOPTER**
 LIGHT AIRCRAFT
 . . . **OH-23 HELICOPTER**
 UTILITY AIRCRAFT
 . . . **OH-23 HELICOPTER**
 V/STOL AIRCRAFT
 . . . ROTARY WING AIRCRAFT
 HELICOPTERS
 MILITARY HELICOPTERS
 **OH-23 HELICOPTER**

OH-58 HELICOPTER

GS LIGHT AIRCRAFT
 . . . **OH-58 HELICOPTER**
 V/STOL AIRCRAFT
 . . . ROTARY WING AIRCRAFT
 HELICOPTERS
 MILITARY HELICOPTERS
 **OH-58 HELICOPTER**

OHIO

GS UNITED STATES OF AMERICA
 . . . **OHIO**
 RT OHIO RIVER (US)
 WABASH RIVER BASIN (IL-IN-OH)

OHIO RIVER (US)

GS RIVERS
 . . . **OHIO RIVER (US)**
 RT ILLINOIS
 INDIANA
 KENTUCKY
 OHIO
 PENNSYLVANIA
 WEST VIRGINIA

OHMIC DISSIPATION

UF JOULE HEATING
 GS DISSIPATION
 . . . **OHMIC DISSIPATION**
 RT JOULE-THOMSON EFFECT
 LOSSES

OHMMETERS

GS MEASURING INSTRUMENTS
 . . . **OHMMETERS**
 RT ELECTRICAL CONDUCTIVITY METERS
 ELECTRICAL IMPEDANCE
 ELECTRICAL MEASUREMENT
 ELECTRICAL RESISTANCE
 RESISTANCE THERMOMETERS
 WHEATSTONE BRIDGES

OHMS LAW

GS CIRCUITS
 . . . **OHMS LAW**
 LAWS
 . . . **OHMS LAW**
 RT ∞ CONDUCTIVITY
 ELECTRIC CURRENT
 ELECTRICAL RESISTANCE
 ELECTRICITY
 ELECTROMOTIVE FORCES
 VOLT-AMPERE CHARACTERISTICS

OIL ADDITIVES

GS ADDITIVES
 . . . **OIL ADDITIVES**

OIL EXPLORATION

GS EXPLORATION
 . . . **OIL EXPLORATION**
 RT CRUDE OIL
 DRILLING
 ENERGY POLICY
 GEOLOGY
 NATURAL GAS EXPLORATION
 OFFSHORE ENERGY SOURCES
 TAR SANDS
 UNDERWATER RESOURCES

OIL FIELDS

GS RESOURCES
 . . . EARTH RESOURCES
 . . . **OIL FIELDS**
 RT CRUDE OIL
 DRILLING
 METHANE
 NATURAL GAS
 OFFSHORE ENERGY SOURCES
 OILS
 TAR SANDS

OIL POLLUTION

GS POLLUTION
 . . . ENVIRONMENT POLLUTION
 . . . WATER POLLUTION
 . . . **OIL POLLUTION**
 RT COASTAL ECOLOGY
 WETLANDS

OIL RECOVERY

RT ENERGY TECHNOLOGY
 RECLAMATION
 ∞ RECOVERY
 REUSE

OIL SLICKS

UF SLICKS
 RT DUMPING
 ENVIRONMENT POLLUTION
 OCEANOGRAPHY
 POLLUTION
 SPILLING
 WATER POLLUTION

OILS

GS OILS
 . . . CASTOR OIL
 . . . CRUDE OIL

OILS-(CONT.)

. FUEL OILS
 . LUBRICATING OILS
 . MINERAL OILS
 . SHALE OIL
 RT ENERGY POLICY
 FATS
 FUELS
 GREASES
 HYDRAULIC FLUIDS
 KEROGEN
 LIPID METABOLISM
 LUBRICANTS
 OIL FIELDS
 PETROLEUM PRODUCTS
 PITCH (MATERIAL)
 RETORT PROCESSING
 TAR SANDS

OKHANSK METEORITE

GS CELESTIAL BODIES
 . METEORITES
 . . OKHANSK METEORITE
 RT IRON METEORITES
 STONY METEORITES

OKHOTSK SEA

GS SEAS
 . OKHOTSK SEA

OKLAHOMA

GS UNITED STATES OF AMERICA
 . OKLAHOMA
 RT LAKE TEXOMA (OK-TX)

OLEFINS

USE ALKENES

OLEIC ACID

GS ACIDS
 . FATTY ACIDS
 . . CARBOXYLIC ACIDS
 . . . OLEIC ACID
 ALIPHATIC COMPOUNDS
 . FATTY ACIDS
 . . OLEIC ACID
 LIPIDS
 . OLEIC ACID
 ORGANIC COMPOUNDS
 . FATTY ACIDS
 . . OLEIC ACID

OLFACTORY PERCEPTION

UF SMELL
 GS PERCEPTION
 . SENSORY PERCEPTION
 . . OLFACATORY PERCEPTION
 RT CHEMORECEPTORS
 SENSE ORGANS

OLIVINE

GS MINERALS
 . OLIVINE
 . . FORSTERITE
 RT DUNITE
 IGNEOUS ROCKS
 MONTICELLITE
 PERIDOTITE
 REGOLITH
 ROCKS
 SOILS

OMAN

RT NATIONS

OME

USE ORBIT MANEUVERING ENGINE (SPACE SHUTTLE)

OMEGA NAVIGATION SYSTEM

GS MEASURING INSTRUMENTS
 . OMEGA NAVIGATION SYSTEM
 NAVIGATION
 . OMEGA NAVIGATION SYSTEM
 RT AIR NAVIGATION

OMEGA-MESONS

GS PARTICLES
 . ELEMENTARY PARTICLES
 . . FERMIONS
 . . . BARYONS
 OMEGA-MESONS
 . . HADRONS
 . . . BARYONS

OMEGA-MESONS-(CONT.)

. . . . OMEGA-MESONS
 . . . MESONS
 OMEGA-MESONS
 RT CHARGED PARTICLES
 ETA-MESONS

OMEGATRONS

GS PARTICLE ACCELERATORS
 . CYCLOTRONS
 . . OMEGATRONS

OMICRON CETI STAR

GS CELESTIAL BODIES
 . STARS
 . . OMICRON CETI STAR
 RT VARIABLE STARS

OMNIDIRECTIONAL ANTENNAS

GS ANTENNAS
 . OMNIDIRECTIONAL ANTENNAS
 . . MONOPOLE ANTENNAS
 . . . WHIP ANTENNAS
 . . . TURNSTILE ANTENNAS
 RT DIPOLE ANTENNAS
 DIRECTIONAL ANTENNAS
 MICROWAVE ANTENNAS
 RADIO ANTENNAS

OMNIDIRECTIONAL RADIO RANGES

GS NAVIGATION AIDS
 . BEACONS
 . . RADIO BEACONS
 . . . OMNIDIRECTIONAL RADIO RANGES
 SELF CALIBRATING OMNIRANGE
 RADIO EQUIPMENT
 . RADIO TRANSMITTERS
 . . RADIO BEACONS
 . . . OMNIDIRECTIONAL RADIO RANGES
 SELF CALIBRATING OMNIRANGE
 TRANSMITTERS
 . RADIO TRANSMITTERS
 . . RADIO BEACONS
 . . . OMNIDIRECTIONAL RADIO RANGES
 SELF CALIBRATING OMNIRANGE
 RT DISTANCE MEASURING EQUIPMENT
 RADIO NAVIGATION
 SOLAR COMPASSES

OMNIPOL AIRCRAFT

GS OMNIPOL AIRCRAFT
 . HC-3 HELICOPTER
 . L-29 JET TRAINER
 . Z-37 AIRCRAFT
 RT ∞ AIRCRAFT

OMNIPOL HC-3 HELICOPTER

USE HC-3 HELICOPTER

OMNIPOL L-29 AIRCRAFT

USE L-29 JET TRAINER

OMNIPOL Z-37 AIRCRAFT

USE Z-37 AIRCRAFT

OMNIRANGE NAVIGATION

USE VHF OMNIRANGE NAVIGATION

ON-LINE PROGRAMMING

GS COMPUTER PROGRAMMING
 . ON-LINE PROGRAMMING

ON-LINE SYSTEMS

RT COMPUTER PROGRAMS
 COMPUTER TECHNIQUES
 DATA MANAGEMENT
 DATA PROCESSING
 INFORMATION RETRIEVAL
 INFORMATION SYSTEMS

ONBOARD COMPUTERS

USE AIRBORNE/SPACEBORNE COMPUTERS

ONBOARD DATA PROCESSING

RT AIRBORNE/SPACEBORNE COMPUTERS
 IMAGE PROCESSING
 MICROPROCESSORS
 REAL TIME OPERATION
 SIGNAL PROCESSING

ONBOARD EQUIPMENT

GS ONBOARD EQUIPMENT
 . AIRBORNE EQUIPMENT

ONBOARD EQUIPMENT-(CONT.)

. . AIRBORNE/SPACEBORNE
 COMPUTERS
 . . LIGHT AIRBORNE MULTIPURPOSE
 SYSTEM
 . . TERCOM
 . AIRCRAFT EQUIPMENT
 . . BOMBING EQUIPMENT
 . . FLYING EJECTION SEATS
 . . TERCOM
 . SPACECRAFT ELECTRONIC EQUIPMENT
 RT AIRBORNE SURVEILLANCE RADAR
 ∞ AIRCRAFT
 BUBBLE TECHNIQUE
 CREW PROCEDURES (PREFLIGHT)
 ∞ EQUIPMENT
 FLIGHT INSTRUMENTS
 FLIGHT OPERATIONS
 FLIGHT SAFETY
 HEATING EQUIPMENT
 LIFE SUPPORT SYSTEMS
 LIGHTING EQUIPMENT
 RADAR EQUIPMENT
 RADIO EQUIPMENT
 SPACECRAFT INSTRUMENTS
 STOWAGE (ONBOARD EQUIPMENT)
 SURVIVAL EQUIPMENT
 TELECOMMUNICATION
 ∞ TEST EQUIPMENT
 TRAINING DEVICES

ONE DIMENSIONAL FLOW

GS FLUID FLOW
 . ONE DIMENSIONAL FLOW
 RT ANNULAR FLOW
 AXIAL FLOW
 CORE FLOW
 FLOW GEOMETRY
 HUGONOT EQUATION OF STATE
 THREE DIMENSIONAL FLOW
 TWO DIMENSIONAL FLOW

ONE-PHASE FLOW

USE SINGLE-PHASE FLOW

ONISOTROPY

USE ANISOTROPY

ONSAGER PHENOMENOLOGICAL COEFFICIENT

GS COEFFICIENTS
 . ONSAGER PHENOMENOLOGICAL
 COEFFICIENT
 RT FLUX DENSITY
 PLASMAS (PHYSICS)
 STATISTICAL MECHANICS
 VARIATIONAL PRINCIPLES

ONSAGER RELATIONSHIP

RT ∞ EQUILIBRIUM
 IRREVERSIBLE PROCESSES
 THERMODYNAMICS

ONTARIO

RT CANADA

ONTOGENESIS

USE ONTOGENY

ONTOGENY

UF ONTOGENESIS
 RT BIOGENY
 EVOLUTION (DEVELOPMENT)
 GROWTH
 NEUROPHYSIOLOGY

OOCYTES

USE GAMETOCYTES

OPACIFIERS

GS ADDITIVES
 . OPACIFIERS
 RT ∞ AGENTS
 FILLERS

OPACITY

GS ELECTROMAGNETIC PROPERTIES
 . OPTICAL PROPERTIES
 . . OPACITY
 RT ABSORPTANCE
 ABSORPTIVITY
 ACOUSTICS
 ATMOSPHERIC OPTICS
 ATTENUATION COEFFICIENTS
 CLARITY

OPALESCE

OPACITY-(CONT.)

DENSITY (MASS/VOLUME)
ELECTROMAGNETIC ABSORPTION
HAZE
KRAMERS-KRONIG FORMULA
LIGHT (VISIBLE RADIATION)
LIGHT TRANSMISSION
REFRACTIVITY
TRANSLUCENCE
TRANSMISSION EFFICIENCY
TRANSMISSIVITY
TRANSPARENCE
TURBIDITY
UNDERWATER OPTICS
VISIBILITY

OPALESCE

RT IRIDESCENCE
OPTICAL PROPERTIES

OPD-220 ROCKET VEHICLE

GS ROCKET VEHICLES
. MULTISTAGE ROCKET VEHICLES
. . OPD-220 ROCKET VEHICLE
. SOUNDING ROCKETS
. . OPD-220 ROCKET VEHICLE
RT SOLID PROPELLANT ROCKET ENGINES

OPEN CHANNEL FLOW

GS FLUID FLOW
. CHANNEL FLOW
. . OPEN CHANNEL FLOW
. LIQUID FLOW
. . OPEN CHANNEL FLOW
RT LAMINAR FLOW
MEANDERS
PIPE FLOW
TURBULENT FLOW
WATER FLOW

OPEN CIRCUIT VOLTAGE

GS POTENTIAL ENERGY
. ELECTRIC POTENTIAL
. . OPEN CIRCUIT VOLTAGE
RT BIAS
CAPACITANCE
ELECTRICAL PROPERTIES
ELECTRICAL RESISTIVITY
ELECTROMOTIVE FORCES
ENERGY CONVERSION EFFICIENCY
OVERVOLTAGE
∞ POTENTIAL
POWER GAIN
SOLAR CELLS
STATIC ELECTRICITY
VOLT-AMPERE CHARACTERISTICS

OPENINGS

UF CUT-OUTS
GS OPENINGS
. APERTURES
. . IRISES (MECHANICAL APERTURES)
. . SYNTHETIC APERTURES
. PORTS (OPENINGS)
. SLITS
RT ANNULAR DUCTS
CAVITIES
CRACKS
CURTAINS
DOORS
DUCT GEOMETRY
DUCTS
EGRESS
EXHAUST NOZZLES
EXHAUST SYSTEMS
GAPS
GATES (OPENINGS)
INGRESS (SPACECRAFT PASSAGEWAY)
INLET NOZZLES
INTAKE SYSTEMS
ORIFICES
OUTLETS
PASSAGEWAYS
PERFORATED PLATES
PIPE NOZZLES
SLOTS
VENTS
WINDOWS (APERTURES)

OPERATING COSTS

GS COSTS
. OPERATING COSTS
RT AIRLINE OPERATIONS
ECONOMIC ANALYSIS
ENERGY POLICY

OPERATING COSTS-(CONT.)

FUELS
MAINTENANCE
PRODUCTION COSTS
SYSTEMS ANALYSIS

OPERATING SYSTEMS (COMPUTERS)

SN (COMPUTER PROGRAMS FOR
EXPEDITING CONTROLLING AND/OR
RECORDING COMPUTER USE BY OTHER
PROGRAMS)
GS COMPUTER PROGRAMS
. COMPUTER SYSTEMS PROGRAMS
. . OPERATING SYSTEMS (COMPUTERS)
RT ASSEMBLER ROUTINES
COMPIERS
COMPUTER INFORMATION SECURITY
COMPUTER SYSTEMS DESIGN
INPUT/OUTPUT ROUTINES
∞ ROUTINES

OPERATING TEMPERATURE

GS TEMPERATURE
. OPERATING TEMPERATURE
RT AMBIENT TEMPERATURE
COMBUSTION TEMPERATURE
ROOM TEMPERATURE
WALL TEMPERATURE

OPERATIONAL AMPLIFIERS

GS AMPLIFIERS
. OPERATIONAL AMPLIFIERS
RT AMPLIFIER DESIGN
ANALOG CIRCUITS
ANALOG COMPUTERS
DIFFERENTIAL AMPLIFIERS
TRANSISTOR AMPLIFIERS

OPERATIONAL CALCULUS

RT ∞ APPLICATIONS OF MATHEMATICS
CALCULUS
CALCULUS OF VARIATIONS
DIFFERENTIAL EQUATIONS
FOURIER ANALYSIS
INTEGRAL CALCULUS
LINEAR EQUATIONS

OPERATIONAL HAZARDS

GS HAZARDS
. OPERATIONAL HAZARDS
RT AIR PIRACY
AIRCRAFT HAZARDS
CUMULATIVE DAMAGE
FLIGHT HAZARDS
METEOROID HAZARDS
NOISE (SOUND)
RADIATION HAZARDS

OPERATIONAL PROBLEMS

RT ∞ PROBLEMS

∞ OPERATIONS

SN (USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)
RT AIR DROP OPERATIONS
AIR TRAFFIC CONTROL
AIRLINE OPERATIONS
CHEMICAL ENGINEERING
CHEMICAL REACTIONS
CLINICAL MEDICINE
DEPLOYMENT
FISHBOWL OPERATION
LOADING OPERATIONS
MECHANIZATION
MISSION PLANNING
OPERATIONS RESEARCH
ORIFICES
PREFLIGHT OPERATIONS
PREMATURE OPERATION
PRODUCTION ENGINEERING
PROGRAMS
PROJECTS
RESCUE OPERATIONS
RUNNING
SEQUENCING
STRATEGY
SURGERY
SYSTEMS ENGINEERING

OPERATIONS RESEARCH

GS RESEARCH
. OPERATIONS RESEARCH
. . MATHEMATICAL PROGRAMMING
. . . LINEAR PROGRAMMING

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OPERATIONS RESEARCH-(CONT.)

. . . NONLINEAR PROGRAMMING
. . . QUADRATIC PROGRAMMING
RT ∞ APPLICATIONS OF MATHEMATICS
COMPUTER SYSTEMS SIMULATION
COMPUTERIZED SIMULATION
CONSTRAINTS
CRITICAL PATH METHOD
DECISION THEORY
DELPHI METHOD (FORECASTING)
DYNAMIC PROGRAMMING
EXPERIMENTAL DESIGN
FORECASTING
FUNCTIONS (MATHEMATICS)
GAME THEORY
INFORMATION THEORY
LAGRANGE MULTIPLIERS
LINEAR PREDICTION
LINEAR PROGRAMMING
MANAGEMENT
MANAGEMENT METHODS
MANAGEMENT PLANNING
MATHEMATICAL MODELS
MATRIX MANAGEMENT
MINIMA
MINIMAX TECHNIQUE
MISSION PLANNING
NONLINEAR PROGRAMMING
∞ OPERATIONS
OPTIMIZATION
∞ PATHS
PATTERN METHOD (FORECASTING)
PROBABILITY THEORY
PROBE METHOD (FORECASTING)
PROFILE METHOD (FORECASTING)
PROJECT PLANNING
QUALITY CONTROL
QUEUEING THEORY
RAND PROJECT
RAYLEIGH DISTRIBUTION
RESEARCH AND DEVELOPMENT
RESEARCH MANAGEMENT
RISK
SADDLE POINTS (GAME THEORY)
SEQUENCING
SIMULATION
STATISTICAL ANALYSIS
STOCHASTIC PROCESSES
STRATEGY
∞ SYNTHESIS
SYNTHESIS (CHEMISTRY)
SYSTEMS ANALYSIS
SYSTEMS ENGINEERING
SYSTEMS MANAGEMENT
SYSTEMS SIMULATION
TRAVELING SALESMAN PROBLEM
URBAN DEVELOPMENT
WAR GAMES

OPERATOR PERFORMANCE

GS HUMAN PERFORMANCE
. OPERATOR PERFORMANCE
RT ASTRONAUT PERFORMANCE
COMPUTER SYSTEMS PERFORMANCE
MENTAL PERFORMANCE
∞ PERFORMANCE
PILOT PERFORMANCE
PSYCHOMOTOR PERFORMANCE

∞ OPERATORS

SN (USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)
RT OPERATORS (MATHEMATICS)
OPERATORS (PERSONNEL)
REACTOR CORES

OPERATORS (MATHEMATICS)

UF DIFFERENTIAL OPERATORS
FREDHOLM OPERATORS
GS OPERATORS (MATHEMATICS)
. BERGMAN OPERATOR
RT FUNCTIONS (MATHEMATICS)
INTEGRAL TRANSFORMATIONS
LAPLACE TRANSFORMATION
MATRIX THEORY
∞ OPERATORS
PERTURBATION THEORY
S MATRIX THEORY

OPERATORS (PERSONNEL)

GS PERSONNEL
. OPERATORS (PERSONNEL)
. . PILOTS (PERSONNEL)
. . . AIRCRAFT PILOTS

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OPTICAL FILTERS

OPERATORS (PERSONNEL)-(CONT.)

RT TEST PILOTS
∞ OPERATORS

OPHTHALMODYNAMOMETRY

RT BLOOD PRESSURE
EYE (ANATOMY)
VISION

OPHTHALMOLOGY

GS MEDICAL SCIENCE
RT . OPTHALMOLOGY
ELECTRONYSTAGMOGRAPHY
EYE (ANATOMY)
EYE DISEASES
MIOSIS
VESTIBULAR NYSTAGMUS

OPIK THEORY

RT NEBULAE
ORION CONSTELLATION
ORION NEBULA
SUPERNOVAE
∞ THEORIES

OPOSSUM

GS ANIMALS
. VERTEBRATES
. MAMMALS
. . . OPOSSUM

OPTICAL ABSORPTION

USE ELECTROMAGNETIC ABSORPTION
LIGHT TRANSMISSION

OPTICAL ACTIVITY

RT BIOCHEMISTRY
CARBOHYDRATES
ORGANIC CHEMISTRY
POLARIMETRY
POLARIZED LIGHT
STEREOCHEMISTRY

OPTICAL AMPLIFIERS

USE LIGHT AMPLIFIERS

OPTICAL COMMUNICATION

UF LASER COMMUNICATION
LIGHT COMMUNICATION
OPTICAL SIGNALS
GS TELECOMMUNICATION
. COMMUNICATION
. . OPTICAL COMMUNICATION
RT DYE LASERS
GROUND-AIR-GROUND COMMUNICATION
HIGH POWER LASERS
INTERPLANETARY COMMUNICATION
LASERS
LUNAR COMMUNICATION
SPACE COMMUNICATION
SPACECRAFT COMMUNICATION
TUNABLE LASERS
VISUAL SIGNALS
WIRELESS COMMUNICATION

OPTICAL CORRECTION PROCEDURE

GS CORRECTION
. OPTICAL CORRECTION PROCEDURE
PROCEDURES
. OPTICAL CORRECTION PROCEDURE
RT ADAPTIVE OPTICS
ADJUSTING
ERRORS
INSTRUMENT ERRORS
LENS DESIGN
PHOTOGRAPHIC MEASUREMENT
PHOTOGRAPHS
POSITION ERRORS
SELF FOCUSING

OPTICAL COUNTERMEASURES

GS COUNTERMEASURES
. OPTICAL COUNTERMEASURES
RT AIR DEFENSE
ANTIMISSILE DEFENSE
DECEPTION
ELECTRONIC COUNTERMEASURES
MILITARY TECHNOLOGY
MISSILE DEFENSE
OPTICAL RADAR
SPACE SURVEILLANCE (SPACEBORNE)

OPTICAL COUPLING

GS COUPLING

OPTICAL COUPLING-(CONT.)

RT . OPTICAL COUPLING
COUPLES
CROSS COUPLING
CROSS POLARIZATION
LASER MODE LOCKING
LIGHT TRANSMISSION
MICROWAVE COUPLING
PHASE LOCKED SYSTEMS
POLARIZATION (WAVES)

OPTICAL DATA PROCESSING

GS DATA PROCESSING
. OPTICAL DATA PROCESSING
. . SCENE ANALYSIS
RT CHARACTER RECOGNITION
DATA ACQUISITION
DATA PROCESSING EQUIPMENT
IMAGE PROCESSING
LASERS
OPTICAL RELAY SYSTEMS
PHOTONICS
∞ PROCESSING
READERS
SCANNERS
TOMOGRAPHY

OPTICAL DATA STORAGE MATERIALS

RT DATA RECORDING
DATA STORAGE
LASER APPLICATIONS
OPTICAL MEMORY (DATA STORAGE)
PHOTOGRAPHIC FILM
VIDEO DISKS

OPTICAL DENSITY

RT ∞ DENSITY
MICRODENSITOMETERS
TRANSLUCENCE
TRANSMITTANCE
TRANSPARENCE
TURBIDITY
UNDERWATER OPTICS

OPTICAL DEPOLARIZATION

RT LIGHT (VISIBLE RADIATION)
POLARIZED LIGHT

OPTICAL EMISSION

USE LIGHT EMISSION

OPTICAL EMISSION SPECTROSCOPY

GS SPECTROSCOPY
. OPTICAL EMISSION SPECTROSCOPY
. . LASER SPECTROSCOPY
RT AURORAL SPECTROSCOPY
ELECTRON SPECTROSCOPY
EMISSION SPECTRA
LIGHT (VISIBLE RADIATION)

OPTICAL EQUIPMENT

GS OPTICAL EQUIPMENT
. ASTRONOMICAL TELESCOPES
. . HELIOMETERS
. . . PYROHELIOMETERS
. . . SPECTROSCOPIC TELESCOPES
. . . MULTISPECTRAL TRACKING
TELESCOPES
. . . STRATOSCOPE TELESCOPES
. . . X RAY TELESCOPES
. . . BINOCULARS
. . . CAMERAS
. . . BAKER-NUNN CAMERA
. . . BALLISTIC CAMERAS
. . . DELFT CAMERA
. . . DIFFRACTION LIMITED CAMERAS
. . . FAINT OBJECT CAMERA
. . . HIGH SPEED CAMERAS
. . . FRAMING CAMERAS
. . . I2S CAMERAS
. . . LALLEMAND CAMERAS
. . . MULTISPECTRAL BAND CAMERAS
. . . PANORAMIC CAMERAS
. . . PINHOLE CAMERAS
. . . SCHMIDT CAMERAS
. . . STREAK CAMERAS
. . . TELEVISION CAMERAS
. . . COLLIMATORS
. . . ENDOSCOPES
. . . EYEPIECES
. . . IMAGE CONVERTERS
. . . CELESCOPES
. . . IMAGE TUBES
. . . THERMICON
. . . LASER DOPPLER VELOCIMETERS

OPTICAL EQUIPMENT-(CONT.)

. OPTICAL GYROSCOPES
. OPTICAL MEASURING INSTRUMENTS
. . CATHETOMETERS
. . DIFFRACTOMETERS
. . EBERT SPECTROMETERS
. . ELLIPSOMETERS
. . GEODIMETERS
. . INFRARED SPECTROMETERS
. . . FILTER WHEEL INFRARED
SPECTROMETERS
. . . LIGHT SCATTERING METERS
. . MICRODENSITOMETERS
. . NEPHELOMETERS
. . OPTICAL PYROMETERS
. . OPTICAL RANGE FINDERS
. . OPTICAL SCANNERS
. . . MULTISPECTRAL BAND SCANNERS
. . . PHOTOGRAMMETERS
. . . PHOTOMETERS
. . . ELECTROPHOTOMETERS
. . . ULTRAVIOLET SPECTROMETERS
. . . ULTRAVIOLET
SPECTROPHOTOMETERS
. . . POLARIMETERS
. . . REFLECTOMETERS
. . . MICROWAVE REFLECTOMETERS
. . . REFRACTOMETERS
. . . SEXTANTS
. . . SPECTROPHOTOMETERS
. . . INFRARED SPECTROPHOTOMETERS
. . . ULTRAVIOLET
SPECTROPHOTOMETERS
. . . TRANSITS
. . . THEODOLITES
. . . . CINETHEODOLITES
. . . TRANSMISSOMETERS
. . . OPTICAL MICROSCOPES
. . . OPTICAL RADAR
. . . PERISCOPES
. . . PHOTOGRAPHIC RECTIFIERS
. . . POLARISCOPES
. . . SENARMONT POLARISCOPES
. . . PRISMS
. . . PRISMATIC BARS
. . . SCATTER PLATES (OPTICS)
. . . SPECTROHELIOGRAPHS
. . . STROBOSCOPES
. . . WIDE ANGLE LENSES
RT ABSORPTION SPECTROSCOPY
ACOUSTIC MICROSCOPES
CIRCUMSOLAR TELESCOPES
DENSITOMETERS
FABRY-PEROT SPECTROMETERS
GEOMETRICAL OPTICS
HORIZON SCANNERS
INFRARED INTERFEROMETERS
INFRARED SCANNERS
INTERFEROMETERS
LENSES
LOOK ANGLES (ELECTRONICS)
MACH-ZEHNDER INTERFEROMETERS
MICROCHANNELS
MICROSCOPES
MIRRORS
MONOCHROMATORS
OPTOGALVANIC SPECTROSCOPY
PHOTOGRAPHIC EQUIPMENT
RADIO TELESCOPES
REFLECTING TELESCOPES
REFRACTING TELESCOPES
RETICLES
SCANNER PROJECT
SCANNERS
SPECTROMETERS
TELESCOPES
TRIPODS
VIDEO EQUIPMENT

OPTICAL FILTERS

GS ELECTROMAGNETIC WAVE FILTERS
. OPTICAL FILTERS
. . BIREFRINGENT FILTERS
. . INFRARED FILTERS
. . ULTRAVIOLET FILTERS
RT ADAPTIVE FILTERS
BANDPASS FILTERS
DIAPHRAGMS (MECHANICS)
ELECTRIC FILTERS
∞ FILTERS
∞ GRATINGS
GRATINGS (SPECTRA)
HIGH PASS FILTERS
LENSES
LOW PASS FILTERS
OPTICAL RELAY SYSTEMS

OPTICAL GENERATORS

OPTICAL FILTERS-(CONT.)

PHOTOGRAPHIC EQUIPMENT
PHOTOGRAPHIC FILM
ROWLAND CIRCLES
SUNGLASSES
TRANSMISSION

OPTICAL GENERATORS

USE LASER CAVITIES

OPTICAL GYROSCOPES

GS GYROSCOPES
. OPTICAL GYROSCOPES
OPTICAL EQUIPMENT
RT OPTICAL GYROSCOPES
LASER GYROSCOPES

OPTICAL HETERODYNING

GS HETERODYNING
. OPTICAL HETERODYNING
RT DOPPLER EFFECT
LIGHT MODULATION

OPTICAL ILLUSION

GS PSYCHOLOGICAL EFFECTS
. ILLUSIONS
. OPTICAL ILLUSION
. . . ELEVATOR ILLUSION
RT MOON ILLUSION

OPTICAL IMAGES

USE IMAGES

OPTICAL MASER MODULATION

USE LIGHT MODULATION

OPTICAL MASERS

USE LASERS

OPTICAL MEASUREMENT

SN (MEASUREMENTS OF OPTICAL
PROPERTIES, QUANTITIES OR
CONDITIONS)
GS OPTICAL MEASUREMENT
. ASTRONOMICAL PHOTOMETRY
. . . STELLAR SPECTROPHOTOMETRY
. COLORIMETRY
. OPTOMETRY
. PHOTOMETRY
. . . ELECTROPHOTOMETRY
. . . SPECTROPHOTOMETRY
. . . STELLAR SPECTROPHOTOMETRY
. . . TELEPHOTOMETRY
. . . ULTRAVIOLET PHOTOMETRY
. . . VISUAL PHOTOMETRY
. POLARIMETRY
RT CHEMICAL ANALYSIS
COLLIMATORS
DENSITOMETERS
DIFFRACTOMETERS
ELECTRO-OPTICAL PHOTOGRAPHY
EMISSION
FARADAY EFFECT
GAMMA RAY SPECTROMETERS
GEODIMETERS
GEOMETRICAL OPTICS
GRAZING INCIDENCE
INFRARED INTERFEROMETERS
INTERFEROMETERS
LIGHT (VISIBLE RADIATION)
MEASUREMENT
MICRODENSITOMETERS
MODULATION TRANSFER FUNCTION
NEPHELOMETERS
PHASE CONTRAST
PHOTOGRAPHIC MEASUREMENT
PHOTOMETERS
POLARIMETERS
RAY TRACING
REFLECTANCE
REFLECTOMETERS
REFRACTOMETERS
RONCHI TEST
SPECTRAL SIGNATURES
SPECTROMETERS
SPECTROPHOTOMETERS
STROBOSCOPES

OPTICAL MEASURING INSTRUMENTS

SN (INSTRUMENTS UTILIZING OPTICAL
PRINCIPLES FOR MEASUREMENT)
UF OPTICAL SENSORS
GS MEASURING INSTRUMENTS
. OPTICAL MEASURING INSTRUMENTS

OPTICAL MEASURING INSTRUMENTS-(CONT.)

. . . CATHETOMETERS
. . . DIFFRACTOMETERS
. . . EBERT SPECTROMETERS
. . . ELLIPSOMETERS
. . . GEODIMETERS
. . . HAPLOSCOPES
. . . INFRARED SPECTROMETERS
. . . FILTER WHEEL INFRARED
SPECTROMETERS
. . . LIGHT SCATTERING METERS
. . . MICRODENSITOMETERS
. . . NEPHELOMETERS
. . . OCULOMETERS
. . . OPTICAL PYROMETERS
. . . OPTICAL RANGE FINDERS
. . . OPTICAL SCANNERS
. . . MULTISPECTRAL BAND SCANNERS
. . . PHOTOGONIOMETERS
. . . PHOTOMETERS
. . . ELECTROPHOTOMETERS
. . . ULTRAVIOLET SPECTROMETERS
. . . ULTRAVIOLET
SPECTROPHOTOMETERS
. . . POLARIMETERS
. . . REFLECTOMETERS
. . . MICROWAVE REFLECTOMETERS
. . . REFRACTOMETERS
. . . SEXTANTS
. . . SPECTROPHOTOMETERS
. . . INFRARED SPECTROPHOTOMETERS
. . . ULTRAVIOLET
SPECTROPHOTOMETERS
. . . TRANSITS
. . . THEODOLITES
. . . . CINETHEODOLITES
. . . TRANSMISSOMETERS
OPTICAL EQUIPMENT
. OPTICAL MEASURING INSTRUMENTS
. . . CATHETOMETERS
. . . DIFFRACTOMETERS
. . . EBERT SPECTROMETERS
. . . ELLIPSOMETERS
. . . GEODIMETERS
. . . INFRARED SPECTROMETERS
. . . FILTER WHEEL INFRARED
SPECTROMETERS
. . . LIGHT SCATTERING METERS
. . . MICRODENSITOMETERS
. . . NEPHELOMETERS
. . . OPTICAL PYROMETERS
. . . OPTICAL RANGE FINDERS
. . . OPTICAL SCANNERS
. . . MULTISPECTRAL BAND SCANNERS
. . . PHOTOGONIOMETERS
. . . PHOTOMETERS
. . . ELECTROPHOTOMETERS
. . . ULTRAVIOLET SPECTROMETERS
. . . ULTRAVIOLET
SPECTROPHOTOMETERS
. . . POLARIMETERS
. . . REFLECTOMETERS
. . . MICROWAVE REFLECTOMETERS
. . . REFRACTOMETERS
. . . SEXTANTS
. . . SPECTROPHOTOMETERS
. . . INFRARED SPECTROPHOTOMETERS
. . . ULTRAVIOLET
SPECTROPHOTOMETERS
. . . TRANSITS
. . . THEODOLITES
. . . . CINETHEODOLITES
. . . TRANSMISSOMETERS
RT ABSORPTION SPECTROSCOPY
CINESPECTROGRAPHS
COLORIMETRY
DENSITOMETERS
FABRY-PEROT SPECTROMETERS
FAINT OBJECT CAMERA
GONIOMETERS
GUIDANCE SENSORS
INFRARED INTERFEROMETERS
INTERFEROMETERS
LASER DOPPLER VELOCIMETERS
MACH-ZEHNDER INTERFEROMETERS
MICROSCOPES
MIROS SYSTEM
MONOCHROMATORS
MULTISPECTRAL TRACKING
TELESCOPES
OPTOGALVANIC SPECTROSCOPY
PERISCOPES
POLARIMETRY
POLARISCOPES
RADIATION MEASURING INSTRUMENTS
REFLECTING TELESCOPES

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OPTICAL MEASURING INSTRUMENTS-(CONT.)

REFRACTING TELESCOPES
SELF FOCUSING
SENARMONT POLARISCOPES
SOLAR INSTRUMENTS
TELEPHOTOMETRY
TELESCOPES

OPTICAL MEMORY (DATA STORAGE)

RT COHERENT LIGHT
COMPUTER STORAGE DEVICES
HOLOGRAPHY
LASERS
OPTICAL DATA STORAGE MATERIALS
VIDEO DISKS

OPTICAL METHODS

USE OPTICS

OPTICAL MICROSCOPES

GS MICROSCOPES
. OPTICAL MICROSCOPES
OPTICAL EQUIPMENT
RT OPTICAL MICROSCOPES
ELECTRON MICROSCOPES

OPTICAL MODULATION

USE LIGHT MODULATION

OPTICAL PATHS

RT DIFFRACTION PATHS
GEOMETRICAL OPTICS
MULTIPATH TRANSMISSION
PATHS
PHASE CONTRAST
PHOTON BEAMS
UNDERWATER OPTICS
VOIGT EFFECT
WAVE DISPERSION

OPTICAL POLARIZATION

RT CIRCULAR POLARIZATION
LINEAR POLARIZATION
POLARIZED LIGHT
POLARIZERS
POLAROGRAPHY

OPTICAL PROPERTIES

SN (INCLUDES PROPERTIES AND EFFECTS
OF VISIBLE, INFRARED AND
ULTRAVIOLET ELECTROMAGNETIC
WAVES)
GS ELECTROMAGNETIC PROPERTIES
. OPTICAL PROPERTIES
. . . ABSORPTANCE
. . . ABSORPTIVITY
. . . BIREFRINGENCE
. . . BRIGHTNESS
. . . SOLAR GRANULATION
. . . BRIGHTNESS DISTRIBUTION
. . . COLOR
. . . IRIDESCENCE
. . . WATER COLOR
. . . DICHROISM
. . . LUMINOSITY
. . . STELLAR LUMINOSITY
. . . OPACITY
. . . OPTICAL REFLECTION
. . . PHOSPHORESCENCE
. . . PHOTOCONDUCTIVITY
. . . PHOTOELECTRIC EFFECT
. . . PHOTOIONIZATION
. . . PHOTOELECTRIC EMISSION
. . . PHOTOVISCOELASTICITY
. . . PHOTOVOLTAIC EFFECT
. . . RADIANCE
. . . REFLECTANCE
. . . REFRACTIVITY
. . . SKY BRIGHTNESS
. . . STIGMATISM
. . . TRANSLUCENCE
. . . TRANSMISSIVITY
. . . TRANSMITTANCE
. . . TRANSPARENCE
. . . TURBIDITY
RT ACOUSTO-OPTICS
ALBEDO
BIREFRINGENT FILTERS
CLARITY
COEFFICIENTS
COHERENT RADIATION
CROSS POLARIZATION
DARKNESS
DIFFRACTION
ELECTRICAL PROPERTIES

OPTICAL PROPERTIES-(CONT.)

ELECTROMAGNETIC ABSORPTION
 EMITTANCE
 EXCITONS
 FARADAY EFFECT
 GEOMETRICAL OPTICS
 GLARE
 GLASS
 GRADIENT INDEX OPTICS
 HAZE
 INFRARED ABSORPTION
 ISOTROPY
 KERR ELECTROOPTICAL EFFECT
 KERR MAGNETOOPTICAL EFFECT
 LIGHT (VISIBLE RADIATION)
 LIGHT TRANSMISSION
 LUMENS
 LUMINANCE
 LUNAR ALBEDO
 METALLIC GLASSES
 OPALESCENCE
 ∞ OPTICS
 ∞ ORIENTATION
 PHOTOELECTRICITY
 PHOTONS
 PHOTOTROPISM
 PHYSICAL OPTICS
 ∞ PHYSICAL PROPERTIES
 POLARIZATION (WAVES)
 ∞ PROPERTIES
 ∞ SOLID STATE PHYSICS
 SURFACE PROPERTIES
 THERMOCHROMATIC MATERIALS
 THERMODYNAMIC PROPERTIES
 VISIBILITY
 WAVE DISPERSION

OPTICAL PUMPING

GS **OPTICAL PUMPING**
 . LASER PUMPING
 RT ELECTRON PUMPING
 ELECTRON-HOLE DROPS
 EXCIMER LASERS
 GAMMA RAY LASERS
 GLASS LASERS
 HCN LASERS
 KRYPTON FLUORIDE LASERS
 LASER PROPULSION
 LASERS
 METAL VAPOR LASERS
 NEODYMIUM LASERS
 NUCLEAR PUMPED LASERS
 NUCLEAR PUMPING
 ∞ PUMPING
 RARE GAS-HALIDE LASERS
 STIMULATED EMISSION
 STIMULATED EMISSION DEVICES

OPTICAL PYROMETERS

GS MEASURING INSTRUMENTS
 . OPTICAL MEASURING INSTRUMENTS
 . . **OPTICAL PYROMETERS**
 . TEMPERATURE MEASURING
 INSTRUMENTS
 . . **OPTICAL PYROMETERS**
 OPTICAL EQUIPMENT
 . OPTICAL MEASURING INSTRUMENTS
 . . **OPTICAL PYROMETERS**
 RT RADIATION PYROMETERS

OPTICAL RADAR

UF LASER RADAR
 LIDAR
 GS OPTICAL EQUIPMENT
 . **OPTICAL RADAR**
 RADAR
 . **OPTICAL RADAR**
 RT LASER ALTIMETERS
 OPTICAL COUNTERMEASURES
 OVER-THE-HORIZON RADAR
 RADAR DETECTION

OPTICAL RANGE FINDERS

GS MEASURING INSTRUMENTS
 . DISTANCE MEASURING EQUIPMENT
 . . RANGE FINDERS
 . . . **OPTICAL RANGE FINDERS**
 LASER RANGE FINDERS
 . OPTICAL MEASURING INSTRUMENTS
 . . **OPTICAL RANGE FINDERS**
 OPTICAL EQUIPMENT
 . OPTICAL MEASURING INSTRUMENTS
 . . **OPTICAL RANGE FINDERS**
 RT LUNAR RANGEFINDING

OPTICAL REFLECTION

GS ELECTROMAGNETIC PROPERTIES
 . OPTICAL PROPERTIES
 . . **OPTICAL REFLECTION**
 REFLECTION
 . **OPTICAL REFLECTION**
 RT ANTIREFLECTION COATINGS
 ELECTROMAGNETIC ABSORPTION
 GEOMETRICAL OPTICS
 INCIDENT RADIATION
 INFRARED REFLECTION
 LIGHT TRANSMISSION
 REFLECTANCE
 REFLECTED WAVES
 SPREAD REFLECTION

OPTICAL RELAY SYSTEMS

RT ELECTRO-OPTICS
 IMAGING TECHNIQUES
 LASER APPLICATIONS
 OPTICAL DATA PROCESSING
 OPTICAL FILTERS
 OPTICAL RESONATORS
 PATTERN RECOGNITION

OPTICAL RESONANCE

GS DECAY
 . EMISSION
 . . LIGHT EMISSION
 . . . LUMINESCENCE
 **OPTICAL RESONANCE**
 RESONANCE
 . **OPTICAL RESONANCE**
 RT NUCLEAR PUMPED LASERS
 PLASMA RADIATION
 PLASMA SPECTRA
 RESONANCE LINES
 SPECTRUM ANALYSIS

OPTICAL RESONATORS

GS RESONATORS
 . **OPTICAL RESONATORS**
 RT LASER MODES
 LASER OUTPUTS
 MIRRORS
 OPTICAL RELAY SYSTEMS

OPTICAL SATELLITE TRACKING PROGRAM

RT SATELLITE TRACKING

OPTICAL SCANNERS

GS MEASURING INSTRUMENTS
 . OPTICAL MEASURING INSTRUMENTS
 . . **OPTICAL SCANNERS**
 . . . MULTISPECTRAL BAND SCANNERS
 OPTICAL EQUIPMENT
 . OPTICAL MEASURING INSTRUMENTS
 . . **OPTICAL SCANNERS**
 . . . MULTISPECTRAL BAND SCANNERS
 SCANNERS
 . **OPTICAL SCANNERS**
 . . FLYING SPOT SCANNERS
 . . MULTISPECTRAL BAND SCANNERS
 RT CHARACTER RECOGNITION
 DATA ACQUISITION
 MONITORS
 PHOTON BEAMS
 READERS
 TELEVISION CAMERAS

OPTICAL SENSORS

USE OPTICAL MEASURING INSTRUMENTS

OPTICAL SIGNALS

USE OPTICAL COMMUNICATION

OPTICAL SLANT RANGE

GS DISTANCE
 . **OPTICAL SLANT RANGE**
 RT RADAR RANGE

OPTICAL SPECTRUM

USE LIGHT (VISIBLE RADIATION)
 SPECTRA

OPTICAL THICKNESS

RT ANTIREFLECTION COATINGS
 FERMAT PRINCIPLE
 REFRACTIVITY
 THICKNESS

OPTICAL TRACKING

UF VISUAL TRACKING
 GS TRACKING (POSITION)

OPTICAL TRACKING-(CONT.)

. **OPTICAL TRACKING**
 RT BALLISTIC CAMERAS
 BORESIGHT ERROR
 BORESIGHTS
 COMPENSATORY TRACKING
 GLOBAL TRACKING NETWORK
 INFRARED TRACKING
 MINITRACK SYSTEM
 MULTISPECTRAL TRACKING
 TELESCOPES
 OCULOMETERS
 PHOTOGRAPHIC TRACKING
 RANGE AND RANGE RATE TRACKING
 SPACE DETECTION AND TRACKING
 SYSTEM
 SPACECRAFT TRACKING
 STDN (NETWORK)

OPTICAL TRANSFER FUNCTION

UF OTF
 GS FUNCTIONS (MATHEMATICS)
 . TRANSFER FUNCTIONS
 . . **OPTICAL TRANSFER FUNCTION**
 RT ADAPTIVE OPTICS
 ASTRONOMICAL TELESCOPES
 COST ANALYSIS
 FIGURE OF MERIT
 IMAGING TECHNIQUES
 MODULATION TRANSFER FUNCTION
 ∞ PERFORMANCE
 SPACEBORNE TELESCOPES
 SYSTEM EFFECTIVENESS
 SYSTEMS ANALYSIS
 SYSTEMS ENGINEERING
 TELESCOPES

OPTICAL TRANSITION

RT ELECTRON TRANSITIONS
 EMISSION SPECTRA
 FRANCK-CONDON PRINCIPLE
 LASING
 LUMINESCENCE

OPTICAL WAVEGUIDES

GS TRANSMISSION LINES
 . COMMUNICATION CABLES
 . . WAVEGUIDES
 . . . **OPTICAL WAVEGUIDES**
 RT INTEGRATED OPTICS
 LASER OUTPUTS
 LIGHT BEAMS
 LIGHT TRANSMISSION
 PHOTONICS
 WAVEGUIDE LASERS

∞ OPTICS

SN *(USE OF A MORE SPECIFIC TERM IS
 RECOMMENDED--CONSULT THE TERMS
 LISTED BELOW)*
 UF OPTICAL METHODS
 RT ACOUSTO-OPTICS
 ADAPTIVE OPTICS
 ANGULAR RESOLUTION
 ASPHERICITY
 ASTIGMATISM
 CASSEGRAIN OPTICS
 CRYSTAL OPTICS
 DEFOCUSING
 DIFFRACTION PATTERNS
 DIFFRACTION PROPAGATION
 ELECTRO-OPTICS
 ELECTRON OPTICS
 FIBER OPTICS
 FOCI
 FRESNEL LENSES
 GEOMETRICAL OPTICS
 GRADIENT INDEX OPTICS
 HUYGENS PRINCIPLE
 IMAGING TECHNIQUES
 INTEGRATED OPTICS
 LENS DESIGN
 LENSES
 LIGHT (VISIBLE RADIATION)
 MIRRORS
 NONLINEAR OPTICS
 OPTICAL PROPERTIES
 PARALLAX
 PHOTICS
 PHOTOELASTIC ANALYSIS
 PHYSICAL OPTICS
 PREFOCUSING
 REFLECTION
 RESOLUTION
 SNELLS LAW

OPTIMAL CONTROL

OPTICS-(CONT.)

SPECTROSCOPY
UNDERWATER OPTICS

OPTIMAL CONTROL

UF OPTIMUM CONTROL
GS AUTOMATIC CONTROL
 . OPTIMAL CONTROL
 . . TIME OPTIMAL CONTROL
 OPTIMIZATION
 . OPTIMAL CONTROL
 . . TIME OPTIMAL CONTROL
RT ADAPTIVE CONTROL
 CONTROL
 CONTROL THEORY
 FEEDBACK CONTROL
 FEEDFORWARD CONTROL
 INVENTORY CONTROLS
 KALMAN-SCHMIDT FILTERING
 PARAMETER IDENTIFICATION
 TRACKING PROBLEM
 TRAJECTORY CONTROL

OPTIMIZATION

UF MINIMIZATION
 REDUCTION (MATHEMATICS)
GS OPTIMIZATION
 . FLIGHT OPTIMIZATION
 . OPTIMAL CONTROL
 . . TIME OPTIMAL CONTROL
 . TRAJECTORY OPTIMIZATION
RT ∞ APPLICATIONS OF MATHEMATICS
 BELLMAN THEORY
 BOLZA PROBLEMS
 CONSTRAINTS
 CORRELATION
 DESIGN
 DESIGN ANALYSIS
 DIFFERENTIAL CALCULUS
 EFFICIENCY
 EXTREMUM VALUES
 GRADIENTS
 HESSIAN MATRICES
 KALMAN FILTERS
 KALMAN-SCHMIDT FILTERING
 LAGRANGE MULTIPLIERS
 LEAST SQUARES METHOD
 LINEAR PROGRAMMING
 MATHEMATICAL PROGRAMMING
 MAXIMA
 MINIMA
 OPERATIONS RESEARCH
 PARAMETER IDENTIFICATION
 PENALTY FUNCTION
 PLANNING
 PONTYAGIN PRINCIPLE
 QUALITY CONTROL
 RANGE (EXTREMES)
 REDUCTION
 SCHEDULING
 SIMPLEX METHOD
 STEEPEST DESCENT METHOD
 STOPPING
 SYSTEM IDENTIFICATION
 TRAJECTORY CONTROL
 WIENER FILTERING

OPTIMUM CONTROL

USE OPTIMAL CONTROL

OPTIMUM THRUST PROGRAMMING

USE THRUST PROGRAMMING

OPTIONS

RT ALTERNATIVES
 CONTRACTS
 SELECTION
 SITE SELECTION
 SUBCONTRACTS

OPTOGALVANIC SPECTROSCOPY

GS SPECTROSCOPY
 . ABSORPTION SPECTROSCOPY
 . . OPTOGALVANIC SPECTROSCOPY
RT FLAME SPECTROSCOPY
 FRAUNHOFER LINES
 GAS SPECTROSCOPY
 INFRARED SPECTROSCOPY
 MOLECULAR SPECTROSCOPY
 OPTICAL EQUIPMENT
 OPTICAL MEASURING INSTRUMENTS
 RAMAN SPECTROSCOPY
 ULTRAVIOLET SPECTROSCOPY
 VOLT-AMPERE CHARACTERISTICS

OPTOMETRY

GS OPTICAL MEASUREMENT
 . OPTOMETRY
 ANASTIGMATISM
 BLINDNESS
 EYE (ANATOMY)
 HAPLOSOPES
 MEASUREMENT
 MEDICAL SCIENCE
 VISION

OR-GATES

USE GATES (CIRCUITS)

ORAL HYGIENE

GS HYGIENE
 . ORAL HYGIENE
RT CLEANLINESS
 DENTISTRY
 HEALTH
 PUBLIC HEALTH
 TEETH
 TOOTH DISEASES

ORBIS

UF ORBITING RADIO BEACON IONOSPHERIC
 SOUNDER
GS SATELLITES
 . ARTIFICIAL SATELLITES
 . . ORBIS
 . . . ORBIS CAL SATELLITE
 . . . EARTH SATELLITES
 . . . ORBIS
 . . . ORBIS CAL SATELLITE
 . . . SCIENTIFIC SATELLITES
 . . . ORBIS
 . . . ORBIS CAL SATELLITE
RT IONOSPHERIC PROPAGATION
 IONOSPHERIC SOUNDING
 RADIO BEACONS

ORBIS CAL SATELLITE

GS SATELLITES
 . ARTIFICIAL SATELLITES
 . . GRAVITY GRADIENT SATELLITES
 . . . ORBIS CAL SATELLITE
 . . . ORBIS
 . . . ORBIS CAL SATELLITE
 . . . EARTH SATELLITES
 . . . ORBIS
 . . . ORBIS CAL SATELLITE
 . . . SCIENTIFIC SATELLITES
 . . . ORBIS
 . . . ORBIS CAL SATELLITE
RT IONOSPHERIC PROPAGATION
 IONOSPHERIC SOUNDING
 RADIO BEACONS

ORBIT CALCULATION

UF SATELLITE ORBIT CALCULATION
 COMPUTATION
GS . ORBIT CALCULATION
 . . MINIMUM VARIANCE ORBIT
 . . DETERMINATION
RT FLIGHT MECHANICS
 GODDARD TRAJECTORY
 DETERMINATION SYSTEM
 ORBITAL ELEMENTS
 ORBITAL MECHANICS
 ORBITAL POSITION ESTIMATION
 QUADRATURES

ORBIT DECAY

RT AERODYNAMIC DRAG
 ATMOSPHERIC ENTRY
 FLIGHT MECHANICS
 ORBITAL MECHANICS
 SATELLITE LIFETIME

ORBIT EQUATIONS

USE ORBITAL MECHANICS

ORBIT MANEUVERING ENGINE (SPACE SHUTTLE)

UF OME
GS ENGINES
 . ROCKET ENGINES
 . . MICROROCKET ENGINES
 . . . ORBIT MANEUVERING ENGINE
 . . . (SPACE SHUTTLE)
RT AEROMANEUVERING ORBIT TO ORBIT
 SHUTTLE
 ORBITAL MANEUVERS
 SPACE SHUTTLES

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ORBIT PERTURBATION

UF EVECTION
GS PERTURBATION
 . ORBIT PERTURBATION
 . . SATELLITE PERTURBATION
RT DRIFT RATE
 LONG TERM EFFECTS
 LUNAR EFFECTS
 ORBITAL ELEMENTS
 ORBITAL MECHANICS
 PERTURBATION THEORY
 SCHACH EFFECT
 VINTI THEORY

ORBIT SPECTRUM UTILIZATION

RT COMMUNICATION SATELLITES
 FREQUENCY ASSIGNMENT
 RADIO RELAY SYSTEMS
 SATELLITE ORBITS
 SYSTEMS ENGINEERING
 TELEVISION SYSTEMS

ORBIT TRANSFER VEHICLES

UF OTV
RT INERTIAL UPPER STAGE
 ORBITAL SERVICING
 PAYLOAD DELIVERY (STS)
 PAYLOAD DEPLOYMENT & RETRIEVAL
 SYSTEM
 PAYLOAD RETRIEVAL (STS)
 SPACE SHUTTLES
 SPACE TRANSPORTATION
 SPACE TUGS
 SPACECRAFT
 VEHICLES

ORBITAL ASSEMBLY

UF CONSTRUCTION IN SPACE
 SPACECRAFT ORBITAL ASSEMBLY
GS ASSEMBLING
 . ORBITAL ASSEMBLY
RT EXPANDABLE STRUCTURES
 INFLATABLE SPACECRAFT
 SELF ERECTING DEVICES
 SPACE ERECTABLE STRUCTURES
 SPACECRAFT MODULES
 SPACECRAFT STRUCTURES

ORBITAL ELEMENTS

RT ∞ ELEMENTS
 ORBIT CALCULATION
 ORBIT PERTURBATION
 PERTURBATION THEORY
 SLATER ORBITALS

ORBITAL FLIGHT TEST 1 (SHUTTLE)

USE SPACE TRANSPORTATION SYSTEM 1
 FLIGHT

ORBITAL FLIGHT TEST 2 (SHUTTLE)

USE SPACE TRANSPORTATION SYSTEM 2
 FLIGHT

ORBITAL FLIGHT TEST 3 (SHUTTLE)

USE SPACE TRANSPORTATION SYSTEM 3
 FLIGHT

ORBITAL FLIGHT TEST 4 (SHUTTLE)

USE SPACE TRANSPORTATION SYSTEM 4
 FLIGHT

ORBITAL FLIGHT TESTS (SHUTTLE)

USE SPACE TRANSPORTATION SYSTEM
 FLIGHTS

ORBITAL LAUNCHING

SN (LAUNCHING FROM AN
 ORBIT-EXCLUDES LAUNCHING INTO
 ORBIT FROM GROUND)
GS LAUNCHING
 . ROCKET LAUNCHING
 . . ORBITAL LAUNCHING
RT INTERPLANETARY TRAJECTORIES
 LUNAR LAUNCH
 PAYLOAD DELIVERY (STS)
 SPACECRAFT LAUNCHING

ORBITAL LAUNCHING-(CONT.)
TRANSFER ORBITS**ORBITAL LIFETIME**RT ATTITUDE CONTROL
EARTH ORBITS**ORBITAL MANEUVERS**GS MANEUVERS
. SPACECRAFT MANEUVERS
. **ORBITAL MANEUVERS**
RT ORBIT MANEUVERING ENGINE (SPACE
SHUTTLE)
SPACE NAVIGATION
SPACE SHUTTLES**ORBITAL MECHANICS**UF ORBIT EQUATIONS
GS CLASSICAL MECHANICS
. SPACE MECHANICS
. **ORBITAL MECHANICS**
. . . KEPLER LAWS
. . . MINIMUM VARIANCE ORBIT
DETERMINATION
RT AEROMANEUVERING ORBIT TO ORBIT
SHUTTLE
APSIDES
ASTRODYNAMICS
CELESTIAL MECHANICS
CIRCULAR ORBITS
DRIFT RATE
EARTH ORBITAL RENDEZVOUS
EARTH ORBITS
EARTH-MARS TRAJECTORIES
EARTH-MERCURY TRAJECTORIES
EARTH-MOON SYSTEM
ELLIPTICAL ORBITS
EQUATORIAL ORBITS
FLIGHT MECHANICS
FLIGHT OPTIMIZATION
GODDARD TRAJECTORY
DETERMINATION SYSTEM
HANSEN LUNAR THEORY
HILL LUNAR THEORY
HILL METHOD
INTERPLANETARY TRAJECTORIES
INTERPLANETARY TRANSFER ORBITS
LAGRANGIAN EQUILIBRIUM POINTS
LUNAR ORBITAL RENDEZVOUS
LUNAR ORBITS
MANY BODY PROBLEM
∞ MECHANICS (PHYSICS)
MOON-EARTH TRAJECTORIES
ORBIT CALCULATION
ORBIT DECAY
ORBIT PERTURBATION
ORBITS
PARKING ORBITS
PERTURBATION
PLANETARY LANDING
POYNTING-ROBERTSON EFFECT
QUADRATURES
RENDEZVOUS
RENDEZVOUS TRAJECTORIES
ROUND TRIP TRAJECTORIES
SATELLITE ORBITS
SATELLITE PERTURBATION
SATELLITES
SATELLOIDS
SPACE NAVIGATION
SPACECRAFT ORBITS
STATIONKEEPING
SWINGBY TECHNIQUE
THRUST PROGRAMMING
TRAJECTORY ANALYSIS
TRANSEARTH INJECTION
TRANSFER ORBITS
TRANSLUNAR INJECTION
TWENTY-FOUR HOUR ORBITS
TWO BODY PROBLEM**ORBITAL MOTION**

USE ORBITS

ORBITAL POSITION ESTIMATIONUF STATE ESTIMATION
GS ESTIMATING
. **ORBITAL POSITION ESTIMATION**
RT CELESTIAL SPHERE
GODDARD TRAJECTORY
DETERMINATION SYSTEM
NAVIGATION
ORBIT CALCULATION
∞ ORIENTATION
POSITION (LOCATION)**ORBITAL POSITION ESTIMATION-(CONT.)**POSITION ERRORS
∞ RANGE
SATELLITE ORBITS
SPACECRAFT ORBITS
SPACECRAFT POSITION INDICATORS**ORBITAL RENDEZVOUS**UF SATELLITE RENDEZVOUS
GS MANEUVERS
. **ORBITAL RENDEZVOUS**
. . . EARTH ORBITAL RENDEZVOUS
. . . LUNAR ORBITAL RENDEZVOUS
RENDEZVOUS
. SPACE RENDEZVOUS
. . **ORBITAL RENDEZVOUS**
. . . LUNAR ORBITAL RENDEZVOUS
RT ATLAS LAUNCH VEHICLES
MULTIPLE DOCKING ADAPTERS
PAYLOAD RETRIEVAL (STS)
RENDEZVOUS GUIDANCE
RENDEZVOUS SPACECRAFT
RENDEZVOUS SPACECRAFT
SPACECRAFT DOCKING
SPACECRAFT TRAJECTORIES
TETHERING**ORBITAL SERVICING**RT LARGE SPACE STRUCTURES
ORBIT TRANSFER VEHICLES
ORBITAL SPACE STATIONS
PAYLOAD TRANSFER
SPACE PLATFORMS
SPACE SHUTTLE PAYLOADS
SPACE TRANSPORTATION SYSTEM
SPACE TUGS**ORBITAL SHOTS**RT ∞ SHOT
SPACECRAFT LAUNCHING**ORBITAL SIMULATORS**

USE SPACE SIMULATORS

ORBITAL SPACE STATIONSUF MANNED ORBITAL SPACE STATIONS
MOSS (SPACE STATIONS)
GS MANNED SPACECRAFT
. SPACE STATIONS
. **ORBITAL SPACE STATIONS**
. . . LONG DURATION EXPOSURE
FACILITY
. . . ORBITAL WORKSHOPS
. . . SALYUT SPACE STATION
. . . SKYLAB 1
. . . SKYLAB 2
. . . SKYLAB 3
. . . SKYLAB 4
SATELLITES
. ARTIFICIAL SATELLITES
. **ORBITAL SPACE STATIONS**
. . . EOSS
. . . LONG DURATION EXPOSURE
FACILITY
. . . ORBITAL WORKSHOPS
STATIONS
. SPACE STATIONS
. **ORBITAL SPACE STATIONS**
. . . HALO ORBIT SPACE STATION
. . . LONG DURATION EXPOSURE
FACILITY
. . . ORBITAL WORKSHOPS
. . . ORBITING LUNAR STATIONS
. . . SALYUT SPACE STATION
RT EARTH SATELLITES
MANNED ORBITAL LABORATORIES
MANNED ORBITAL RESEARCH
LABORATORIES
ORBITAL SERVICING
SPACE BASES
SPACE COLONIES
SPACECRAFT DOCKING**ORBITAL TEST SATELLITE (ESA)**

USE OTS (ESA)

ORBITAL TRANSFER

USE TRANSFER ORBITS

ORBITAL VELOCITYGS RATES (PER TIME)
. **ORBITAL VELOCITY**
VELOCITY
. **ORBITAL VELOCITY**
RT ANGULAR VELOCITY**ORBITAL VELOCITY-(CONT.)**ESCAPE VELOCITY
∞ HYPERVELOCITY
VELOCITY ERRORS**ORBITAL WORKERS**GS PERSONNEL
. FLYING PERSONNEL
. . . ASTRONAUTS
. . . **ORBITAL WORKERS**
RT ASTRONAUT LOCOMOTION
EXTRAVEHICULAR ACTIVITY
SPACE MAINTENANCE
SPACE TOOLS
WORK CAPACITY**ORBITAL WORKSHOPS**GS MANNED SPACECRAFT
. SPACE STATIONS
. . ORBITAL SPACE STATIONS
. . . **ORBITAL WORKSHOPS**
SATELLITES
. ARTIFICIAL SATELLITES
. . ORBITAL SPACE STATIONS
. . . **ORBITAL WORKSHOPS**
STATIONS
. SPACE STATIONS
. . ORBITAL SPACE STATIONS
. . . **ORBITAL WORKSHOPS**
RT APOLLO EXTENSION SYSTEM
CONTAINERLESS MELTS
MANNED ORBITAL LABORATORIES
SKYLAB PROGRAM
SKYLAB 1
SKYLAB 2
SKYLAB 3
SKYLAB 4
SPACE PROCESSING**ORBITALS**GS **ORBITALS**
. ELECTRON ORBITALS
. MOLECULAR ORBITALS
. SLATER ORBITALS
RT JAHN-TELLER EFFECT
ORBITS
SCHWARZSCHILD METRIC**ORBITER PROJECT**GS PROGRAMS
. PROJECTS
. . **ORBITER PROJECT**
RT LUNAR ORBITER
LUNAR ORBITER 1
LUNAR ORBITER 2
LUNAR ORBITER 3
LUNAR ORBITER 4
LUNAR ORBITER 5**ORBITING ASTRONOMICAL OBSERVATORY**

USE OAO

ORBITING DIPOLESGS ELECTRIC CHARGE
. ELECTRIC DIPOLES
. . **ORBITING DIPOLES**
RT COMMUNICATION EQUIPMENT
∞ DIPOLES**ORBITING FROG OTOLITH**RT BIOLOGICAL EFFECTS
BIOMETRICS
BIOTELEMETRY
INSTRUMENT PACKAGES**ORBITING GEOPHYSICAL OBSERVATORY**

USE OGO

ORBITING LUNAR STATIONSGS STATIONS
. SPACE STATIONS
. . ORBITAL SPACE STATIONS
. . . **ORBITING LUNAR STATIONS**
RT EOSS
LUNAR SPACECRAFT
∞ SPACECRAFT**ORBITING RADIO BEACON IONOSPHERIC
SOUNDER**

USE ORBIS

ORBITING SATELLITES

USE ARTIFICIAL SATELLITES

ORBITING SOLAR OBSERVATORY

ORBITING SOLAR OBSERVATORY USE OSO

ORBITRONS

RT ELECTRON CLOUDS
ELECTRON TUBES
IONIZATION GAGES
SPACE CHARGE
VACUUM GAGES

ORBITS

UF ORBITAL MOTION
PERIODIC ORBITS
GS **ORBITS**
. APHELIONS
. CIRCULAR ORBITS
. STATIONARY ORBITS
. EARTH ORBITS
. APOGEES
. PERIGEEES
. ECCENTRIC ORBITS
. ELLIPTICAL ORBITS
. APOGEES
. PERIGEEES
. PERIHELIONS
. TRANSFER ORBITS
. INTERPLANETARY TRANSFER ORBITS
. EQUATORIAL ORBITS
. STATIONARY ORBITS
. LUNAR ORBITS
. PLANETARY ORBITS
. SOLAR ORBITS
. PERIHELIONS
. SPACECRAFT ORBITS
. SATELLITE ORBITS
. GEOSYNCHRONOUS ORBITS
. PARKING ORBITS
. POLAR ORBITS
. STATIONARY ORBITS
. TWENTY-FOUR HOUR ORBITS
. TRANSFER ORBITS
. INTERPLANETARY TRANSFER ORBITS
RT TROJAN ORBITS
AIRBORNE RANGE AND ORBIT DETERMINATION
APEXES
ARTIFICIAL SATELLITES
ASTRODYNAMICS
CELESTIAL BODIES
CELESTIAL MECHANICS
∞ CONJUNCTION
EARTH SATELLITES
EARTH-VENUS TRAJECTORIES
EPHEMERIDES
FLIGHT OPTIMIZATION
FLIGHT PATHS
FOUR BODY PROBLEM
GROUND TRACKS
∞ INCLINATION
INTERPLANETARY FLIGHT
LUNAR FLIGHT
MANY BODY PROBLEM
∞ MOTION
ORBITAL MECHANICS
ORBITALS
∞ PATHS
QUADRATURES
ROCHE LIMIT
SATELLITE GROUND TRACKS
SATELLITES
SCHWARZSCHILD METRIC
SPACE FLIGHT
SPACE NAVIGATION
SPACECRAFT GUIDANCE
STATIONKEEPING
SUBORBITAL FLIGHT
THREE BODY PROBLEM
TRAJECTORIES
TWO BODY PROBLEM

ORCEIN

GS DYES
. **ORCEIN**

ORCHARDS

GS PLANTS (BOTANY)
. **ORCHARDS**
RT AGRICULTURE
BLIGHT
CITRUS TREES
CROP GROWTH
CROP VIGOR
∞ CROPS

ORCHARDS-(CONT.)

CURING
FARM CROPS
∞ FOOD
FROST DAMAGE
FRUITS
IRRIGATION
NUTS (FRUITS)
RURAL LAND USE
SILVICULTURE
TREES (PLANTS)

ORDER-DISORDER TRANSFORMATIONS

RT ATOMIC STRUCTURE
CRYSTAL DEFECTS
CRYSTAL LATTICES
CRYSTAL STRUCTURE
CRYSTALLOGRAPHY
HOLES (ELECTRON DEFICIENCIES)
METALLOGRAPHY
MICROSTRUCTURE
MOLECULAR STRUCTURE
PHASE TRANSFORMATIONS
SOLID SOLUTIONS
∞ TRANSFORMATIONS

ORDNANCE

RT AIR TO SURFACE MISSILES
AMMUNITION
ARMOR
BALLISTICS
EXPLOSIVES
GROUND SUPPORT EQUIPMENT
PYROTECHNICS
TANKS (COMBAT VEHICLES)
TRAJECTORIES
WARFARE
WEAPON SYSTEMS
WEAPONS

ORDVAC COMPUTER

GS DATA PROCESSING EQUIPMENT
COMPUTERS
. **ORDVAC COMPUTER**

OREGON

GS UNITED STATES OF AMERICA
. **OREGON**
RT CASCADE RANGE (CA-OR-WA)
COLUMBIA RIVER BASIN (ID-OR-WA)

ORES

USE MINERALS

ORGAN WEIGHT

GS WEIGHT (MASS)
. **ORGAN WEIGHT**

ORGANIC ALUMINUM COMPOUNDS

GS ALUMINUM COMPOUNDS
. **ORGANIC ALUMINUM COMPOUNDS**
ORGANOMETALLIC COMPOUNDS
. **ORGANIC ALUMINUM COMPOUNDS**

ORGANIC BORON COMPOUNDS

GS BORON COMPOUNDS
. **ORGANIC BORON COMPOUNDS**
. NONABORANE

ORGANIC CHARGE TRANSFER SALTS

GS ORGANIC COMPOUNDS
. **ORGANIC CHARGE TRANSFER SALTS**
RT CHARGE TRANSFER DEVICES
∞ SALTS
SEMICONDUCTORS (MATERIALS)

ORGANIC CHEMISTRY

RT BIOCHEMISTRY
∞ CHEMISTRY
CRACKING (CHEMICAL ENGINEERING)
CYCLIC COMPOUNDS
DIELS-ALDER REACTIONS
HISTOCHEMICAL ANALYSIS
METHOXY SYSTEMS
OPTICAL ACTIVITY
PHYSIOCHEMISTRY

ORGANIC COMPOUNDS

GS **ORGANIC COMPOUNDS**
. AMIDASE
. AMINO ACIDS
. ALANINE
. . . . PHENYLALANINE
. ASPARTIC ACID

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ORGANIC COMPOUNDS-(CONT.)

. . CYSTEINE
. . FOLIC ACID
. . GLUTAMIC ACID
. . GLUTAMINE
. . GLUTATHIONE
. . GLYCINE
. . HIPPURIC ACID
. . HISTIDINE
. . LEUCINE
. . . NORLEUCINE
. . LYSINE
. . MELANOIDIN
. . METHIONINE
. . PAPAIN
. . PEPTIDES
. . . HYPERTENSIN
. . . POLYPEPTIDES
. . . PROTOPROTEINS
. . PYRIDINE NUCLEOTIDES
. . THYROXINE
. . TRYPTOPHAN
. . URIDYLIC ACID
. . ASPARTATES
. . CASTOR OIL
. . CYCLIC COMPOUNDS
. . DOPA
. . FATS
. . CHOLINE
. . FATTY ACIDS
. . ACETIC ACID
. . . ETHYLENEDIAMINETETRAACETIC ACIDS
. . . . VERSENE
. . . IODOACETIC ACID
. . LIPIC ACID
. . OLEIC ACID
. . PROPIONIC ACID
. . SEBACIC ACID
. . VALERIC ACID
. . FLUORINE ORGANIC COMPOUNDS
. . FLUOROAMINES
. . . NITROFLUORAMINES
. . . TRIFLUOROAMINE OXIDE
. . FLUOROCARBONS
. . FLUOROHYDROCARBONS
. . . CARBON TETRAFLUORIDE
. . . KEL-F
. . PERFLUOROALKANE
. . PERFLUOROGUANIDINE
. . FURANS
. . TETRAHYDROFURAN
. . NUCLEASE
. . NUCLEOTIDES
. . ADENINES
. . ADENOSINES
. . . ADENOSINE DIPHOSPHATE
. . . ADENOSINE TRIPHOSPHATE
. . . POLYNUCLEOTIDES
. . PYRIDINE NUCLEOTIDES
. . URIDYLIC ACID
. . ORGANIC CHARGE TRANSFER SALTS
. . ORGANIC LIQUIDS
. . ORGANIC SULFUR COMPOUNDS
. . OXIDASE
. . PENTANONE
. . PHOSPHAZENE
. . POLYNUCLEAR ORGANIC COMPOUNDS
. . PROPARGYL GROUPS
. . QUINOLINE
. . QUINOXALINES
. . SEROTONIN
RT ACETYL COMPOUNDS
ACIDS
∞ AROMATIC COMPOUNDS
∞ CHEMICAL COMPOUNDS
CHEMICAL EVOLUTION
METABOLITES
METHOXY SYSTEMS
NITROSO COMPOUNDS
ORGANIC WASTES (FUEL CONVERSION)
ORGANOMETALLIC COMPOUNDS
PROSTAGLANDINS
∞ SALTS

ORGANIC COOLANTS

GS COOLANTS
. **ORGANIC COOLANTS**

ORGANIC COOLED REACTORS

UF ORGEL REACTOR
GS NUCLEAR REACTORS
LIQUID COOLED REACTORS
. **ORGANIC COOLED REACTORS**

ORGANIC COOLED REACTORS-(CONT.)

... EXPERIMENTAL ORGANIC COOLED
REACTORS
RT REACTOR DESIGN
REACTOR TECHNOLOGY

ORGANIC FLUORINE COMPOUNDS

USE FLUORINE ORGANIC COMPOUNDS

ORGANIC GERMANIUM COMPOUNDS

GS GERMANIUM COMPOUNDS
... **ORGANIC GERMANIUM COMPOUNDS**
ORGANOMETALLIC COMPOUNDS
... **ORGANIC GERMANIUM COMPOUNDS**

ORGANIC LASERS

GS STIMULATED EMISSION DEVICES
... LASERS
... **ORGANIC LASERS**
... DYE LASERS
RT CARBON DIOXIDE LASERS
CARBON LASERS
CHEMICAL LASERS
GAS LASERS
INFRARED LASERS
LIQUID LASERS

ORGANIC LIQUIDS

GS LIQUIDS
... **ORGANIC LIQUIDS**
ORGANIC COMPOUNDS
... **ORGANIC LIQUIDS**
RT PYRUVATES
XANTHIC ACIDS

ORGANIC LITHIUM COMPOUNDS

GS LITHIUM COMPOUNDS
... **ORGANIC LITHIUM COMPOUNDS**
ORGANOMETALLIC COMPOUNDS
... **ORGANIC LITHIUM COMPOUNDS**

ORGANIC MATERIALS

GS **ORGANIC MATERIALS**
... PEAT
RT BIODEGRADABILITY
CARBONACEOUS MATERIALS
CORK (MATERIALS)
COTTON FIBERS
ELASTOMERS
LINEN
... MATERIALS
MOLDS
PAPER (MATERIAL)
PHASE CHANGE MATERIALS
PLASTICS
... POLYMERS
... ROSIN
RUBBER
SILK
THERMOCHROMATIC MATERIALS
WOOD
WOOL

ORGANIC MODERATED REACTORS

GS NUCLEAR REACTORS
... **ORGANIC MODERATED REACTORS**
... EXPERIMENTAL ORGANIC COOLED
REACTORS

ORGANIC NITRATES

GS ESTERS
... **ORGANIC NITRATES**
... CELLULOSE NITRATE
... NITROFORMS
... HYDRAZINE NITROFORM
... NITROGLYCERIN
... PETN
NITROGEN COMPOUNDS
... NITRATES
... **ORGANIC NITRATES**
... CELLULOSE NITRATE
... NITROFORMS
... HYDRAZINE NITROFORM
... NITROGLYCERIN
... PETN

ORGANIC PEROXIDES

GS CHALCOGENIDES
... OXIDES
... ANHYDRIDES
... PEROXIDES
... **ORGANIC PEROXIDES**
RT AIR POLLUTION
HYDROCARBONS

ORGANIC PEROXIDES-(CONT.)

INORGANIC PEROXIDES

ORGANIC PHOSPHORUS COMPOUNDS

GS PHOSPHORUS COMPOUNDS
... **ORGANIC PHOSPHORUS COMPOUNDS**
... PHOSPHONITRILES
... URIDYLIC ACID

ORGANIC SEMICONDUCTORS

GS SEMICONDUCTORS (MATERIALS)
... **ORGANIC SEMICONDUCTORS**
RT ... CHEMICAL COMPOUNDS
CONDUCTORS
SEMICONDUCTOR DEVICES

ORGANIC SILICON COMPOUNDS

GS SILICON COMPOUNDS
... **ORGANIC SILICON COMPOUNDS**
... STANNOXILOXANE
... TRIPHENYL SILICON

ORGANIC SOLIDS

RT ASTRONOMICAL SPECTROSCOPY
COSMIC DUST
PLANETARY ATMOSPHERES
SOLIDS

ORGANIC SULFUR COMPOUNDS

GS ORGANIC COMPOUNDS
... **ORGANIC SULFUR COMPOUNDS**
SULFUR COMPOUNDS
... **ORGANIC SULFUR COMPOUNDS**
RT ... CHEMICAL COMPOUNDS
... COMPOUNDS

ORGANIC TIN COMPOUNDS

GS ORGANOMETALLIC COMPOUNDS
... **ORGANIC TIN COMPOUNDS**
TIN COMPOUNDS
... **ORGANIC TIN COMPOUNDS**

ORGANIC WASTES (FUEL CONVERSION)

RT ENERGY CONVERSION
GARBAGE
HUMAN WASTES
METABOLIC WASTES
ORGANIC COMPOUNDS
RESIDUES
SEWAGE
SLUDGE
WASTES

ORGANISMS

RT ANIMALS
BIOMASS
CARBON CYCLE
DEEP SCATTERING LAYERS
PHYSIOLOGY
PLANTS (BOTANY)

ORGANIZATIONS

UF ASSOCIATIONS
GS **ORGANIZATIONS**
... EUROPEAN SPACE AGENCY
... FEDERATIONS
... BUREAUS (ORGANIZATIONS)
... ISRO
... NORTH ATLANTIC TREATY
ORGANIZATION (NATO)
... WORLD METEOROLOGICAL
ORGANIZATION
RT TEAMS
UNITED NATIONS

ORGANIZING

RT PERSONNEL
UNIONIZATION

ORGANOMETALLIC COMPOUNDS

UF METALLOORGANIC COMPOUNDS
GS **ORGANOMETALLIC COMPOUNDS**
... ALKYLFERROCENE
... CHLOROPHYLLS
... FERROCENES
... HEMOGLOBIN
... CARBOXYHEMOGLOBIN
... OXYHEMOGLOBIN
... METALLOXANE POLYMER
... ORGANIC ALUMINUM COMPOUNDS
... ORGANIC GERMANIUM COMPOUNDS
... ORGANIC LITHIUM COMPOUNDS
... ORGANIC TIN COMPOUNDS
... PORPHINES

ORGANOMETALLIC COMPOUNDS-(CONT.)

RT CHELATES
... CHEMICAL COMPOUNDS
... METAL COMPOUNDS
METALLOIDS
METALLOSILOXANE POLYMER
ORGANIC COMPOUNDS
SYNTHETIC METALS

ORGANOMETALLIC POLYMERS

RT ... POLYMERS

ORGANS

GS ANATOMY
... **ORGANS**
... BLADDER
... ESOPHAGUS
... KIDNEYS
... LIVER
... LUNGS
... OVARIES
... PITUITARY GLAND
... SPLEEN
... STOMACH
... TESTES
VISCERA
... **ORGANS**
... BLADDER
... ESOPHAGUS
... KIDNEYS
... LIVER
... LUNGS
... OVARIES
... PITUITARY GLAND
... SPLEEN
... STOMACH
... TESTES
RT DIGESTIVE SYSTEM
GASTROINTESTINAL SYSTEM
GLANDS (ANATOMY)
PNEUMOTHORAX
PULMONARY LESIONS

ORGEI REACTOR

USE ORGANIC COOLED REACTORS

ORGUEIL METEORITE

GS CELESTIAL BODIES
... METEORITES
... STONY METEORITES
... CHONDRITES
... CARBONACEOUS METEORITES
... **ORGUEIL METEORITE**

ORIC CYCLOTRON

USE OAK RIDGE ISOCRONOUS CYCLOTRON

ORIENTATION

SN (USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)
RT ALIGNMENT
ATTITUDE (INCLINATION)
AZIMUTH
BEARING (DIRECTION)
BRAGG ANGLE
COLLIMATION
CRYSTALLOGRAPHY
DIRECTIVITY
EDUCATION
FIBER ORIENTATION
FIELD STRENGTH
HORIZONTAL ORIENTATION
INSTRUMENT ORIENTATION
ISOTROPY
OPTICAL PROPERTIES
ORBITAL POSITION ESTIMATION
PLY ORIENTATION
POLARIZATION (SPIN ALIGNMENT)
POLARIZATION (WAVES)
POSITION (LOCATION)
POSITIONING
SOUND LOCALIZATION
VERTICAL ORIENTATION
VERTICAL PERCEPTION
VISUAL PERCEPTION

ORIFICE FLOW

GS FLUID FLOW
... **ORIFICE FLOW**
RT CRITICAL FLOW
... FLOW
... GAS FLOW
LAMINAR FLOW

ORIFICES

ORIFICE FLOW-(CONT.)

LIQUID FLOW
MULTIPHASE FLOW
ORIFICES
PIPE FLOW
PRESSURE GRADIENTS
SINGLE-PHASE FLOW
STEADY FLOW
STEAM FLOW
SUBCRITICAL FLOW
SUPERCRITICAL FLOW
TURBULENT FLOW
UNSTEADY FLOW

ORIFICES

RT ANNULAR DUCTS
APERTURES
CAVITIES
CHOKES (FUEL SYSTEMS)
CHOKES (RESTRICTIONS)
DUCTS
FLOW MEASUREMENT
FLOWMETERS
GAPS
INJECTORS
∞ NOZZLES
OPENINGS
∞ OPERATIONS
ORIFICE FLOW
PORTS (OPENINGS)
SPRAY NOZZLES
THROATS
VENTURI TUBES

∞ ORIGINS

SN *(USE OF A MORE SPECIFIC TERM IS
RECOMMENDED-CONSULT TERMS
LISTED BELOW)*
RT CAUSES
COORDINATES
DERIVATION
GRAPHS (CHARTS)

ORION (RADIO INTERFEROMETRY NETWORK)

RT RADIO INTERFEROMETERS
RADIO RECEIVERS
TRACKING NETWORKS

ORION AIRCRAFT

USE P-3 AIRCRAFT

ORION CONSTELLATION

GS CONSTELLATIONS
∞ ORION CONSTELLATION
RT OPIK THEORY
POLLUX STAR
SIGMA ORIONIS

ORION NEBULA

GS CELESTIAL BODIES
NEBULAE
∞ ORION NEBULA
RT ASTROPHYSICS
CASSIOPEIA A
CRAB NEBULA
GALAXIES
GUM NEBULA
INTERSTELLAR GAS
INTERSTELLAR MATTER
MAGELLANIC CLOUDS
MILKY WAY GALAXY
OPIK THEORY
PLANETARY NEBULAE
STELLAR CORONAS
SUPERNOVAE

ORIONID METEORIODS

GS CELESTIAL BODIES
METEOROID SHOWERS
∞ ORIONID METEORIODS
METEORIODS
∞ ORIONID METEORIODS
RT AQUARIID METEORIODS

ORLICZ SPACE

RT SET THEORY

ORNITHOPTER AIRCRAFT

USE RESEARCH AIRCRAFT

ORNSTEIN-UHLENBECK PROCESS

RT ∞ PROCESSES

OROGRAPHIC CLOUDS

USE CAP CLOUDS

OROGRAPHY

GS GEOGRAPHY
∞ OROGRAPHY
GEOLOGY
∞ OROGRAPHY
RT ADIRONDACK MOUNTAINS (NY)
CONES (VOLCANOES)
GEOMORPHOLOGY
ISOSTASY
MARS VOLCANOES
MOUNTAINS
PEAKS (LANDFORMS)
VOLCANOES
VOLCANOLOGY
WIND RIVER RANGE (WY)
WRANGELL MOUNTAINS (AK)

ORR-SOMMERFELD EQUATIONS

RT FLOW DISTORTION
FLOW STABILITY
FLOW THEORY
QUANTUM MECHANICS
VELOCITY DISTRIBUTION

ORRERIES

USE ASTRONOMICAL MODELS

ORTHICONS

GS ELECTRON TUBES
CAMERA TUBES
∞ ORTHICONS
IMAGE ORTHICONS
MICROWAVE EQUIPMENT
MICROWAVE TUBES
∞ ORTHICONS
IMAGE ORTHICONS
RT IMAGE INTENSIFIERS
PHOTOCATHODES
TELEVISION CAMERAS
TELEVISION EQUIPMENT

ORTHO HYDROGEN

GS CHEMICAL ELEMENTS
HYDROGEN
∞ ORTHO HYDROGEN
GASES
HYDROGEN
∞ ORTHO HYDROGEN

ORTHO PARA CONVERSION

GS ISOMERIZATION
∞ ORTHO PARA CONVERSION
RT PARA HYDROGEN

ORTHOGONAL FUNCTIONS

GS ANALYSIS (MATHEMATICS)
COMPLEX VARIABLES
∞ ORTHOGONAL FUNCTIONS
FUNCTIONS (MATHEMATICS)
ORTHOGONAL FUNCTIONS
WALSH FUNCTION
RT BESSEL FUNCTIONS
EXPONENTIAL FUNCTIONS
FUNCTION SPACE
HANKEL FUNCTIONS
HYPERBOLIC FUNCTIONS
LAGUERRE FUNCTIONS
LEGENDRE FUNCTIONS
LINEAR TRANSFORMATIONS
MATHIEU FUNCTION
ORTHOGONALITY
ORTHONORMAL FUNCTIONS
QUALITY CONTROL

ORTHOGONAL MULTIPLEXING THEORY

RT PULSE COMMUNICATION
SIGNAL TRANSMISSION
∞ THEORIES
WAVE INTERACTION
WAVELENGTH DIVISION MULTIPLEXING

ORTHOGONALITY

UF KRONECKER PRODUCT
GS MOMENTS
DISTRIBUTION MOMENTS
∞ ORTHOGONALITY
RT COVARIANCE
EXPERIMENTAL DESIGN
FACTOR ANALYSIS
ORTHOGONAL FUNCTIONS
QUALITY CONTROL

NASA THESAURUS (VOLUME 1)

ORTHOGRAPHY

GS LANGUAGES
∞ ORTHOGRAPHY
RT HANDWRITING
INTELLIGIBILITY
LINGUISTICS
SEMANTICS
SYNTAX
WORDS (LANGUAGE)

ORTHONORMAL FUNCTIONS

GS FUNCTIONS (MATHEMATICS)
∞ ORTHONORMAL FUNCTIONS
RT ORTHOGONAL FUNCTIONS

ORTHOPEDICS

GS MEDICAL SCIENCE
∞ ORTHOPEDICS

ORTHOPHOTOGRAPHY

GS PHOTOGRAPHY
∞ ORTHOPHOTOGRAPHY
RT AERIAL PHOTOGRAPHY
COLOR PHOTOGRAPHY
MAPPING

ORTHOSTATIC TOLERANCE

RT BED REST
BLOOD PRESSURE
HUMAN TOLERANCES
LOWER BODY NEGATIVE PRESSURE
POSTURE
TOLERANCES (PHYSIOLOGY)

ORTHOTROPIC CYLINDERS

RT ∞ CYLINDERS
CYLINDRICAL BODIES
CYLINDRICAL SHELLS
ROCKET ENGINE CASES

ORTHOTROPIC PLATES

GS STRUCTURAL MEMBERS
PLATES (STRUCTURAL MEMBERS)
∞ ORTHOTROPIC PLATES

ORTHOTROPIC SHELLS

GS SHELLS (STRUCTURAL FORMS)
∞ ORTHOTROPIC SHELLS
RT CYLINDRICAL SHELLS
METAL SHELLS
REINFORCED SHELLS
SHELL STABILITY
THIN WALLED SHELLS

ORTHOTROPISM

RT PLATES (STRUCTURAL MEMBERS)

OSCILLATING CYLINDERS

RT ∞ CYLINDERS
CYLINDRICAL BODIES
CYLINDRICAL SHELLS
OSCILLATIONS
VIBRATION

OSCILLATING FLOW

GS FLUID FLOW
UNSTEADY FLOW
∞ OSCILLATING FLOW
RT BUFFETING
COMPRESSIBILITY EFFECTS
FLOW DISTORTION
NONEQUILIBRIUM FLOW
SMALL PERTURBATION FLOW
STROUHAL NUMBER

OSCILLATION DAMPERS

RT ∞ ABSORBERS
∞ DAMPERS
MAXWELL BODIES
NONOSCILLATORY ACTION
NONSTABILIZED OSCILLATION
NUTATION DAMPERS
SPRINGS (ELASTIC)
VIBRATION ISOLATORS

OSCILLATIONS

UF PHUGOID OSCILLATIONS
GS OSCILLATIONS
ELECTRON OSCILLATIONS
HARMONIC OSCILLATION
HYDROFOIL OSCILLATIONS
MOLECULAR OSCILLATIONS
NONOSCILLATORY ACTION
NONSTABILIZED OSCILLATION

OSCILLATIONS-(CONT.)

. PLASMA OSCILLATIONS
 . PRESSURE OSCILLATIONS
 . SELF OSCILLATION
 . STABLE OSCILLATIONS
 . STELLAR OSCILLATIONS
 . . SOLAR OSCILLATIONS
 . TRANSIENT OSCILLATIONS
 . TRANSVERSE OSCILLATION
 . . H WAVES
 . UNDAMPED OSCILLATIONS
 . WING OSCILLATIONS
 RT AMPLITUDES
 CRYSTAL OSCILLATORS
 DAMPING
 FEEDBACK
 ∞ MOTION
 NONUNIFORMITY
 OSCILLATING CYLINDERS
 OSCILLATORS
 PENDULUMS
 PERIODIC VARIATIONS
 PERTURBATION
 RESONANCE
 RESONANT VIBRATION
 ∞ RHYTHM
 SPACECRAFT MOTION
 SPRINGS (ELASTIC)
 SYNTONY
 TRAVELING WAVE TUBES
 VIBRATION
 VIBRATION TESTS

OSCILLATORS

UF PHUGOID OSCILLATIONS
 WAVE OSCILLATORS
 GS **OSCILLATORS**
 . AUTODYNES
 . CRYSTAL OSCILLATORS
 . HARMONIC OSCILLATORS
 . MECHANICAL OSCILLATORS
 . . PENDULUMS
 . . GYROSCOPIC PENDULUMS
 . MOLECULAR OSCILLATORS
 . RELAXATION OSCILLATORS
 . . PHANTASTRONS
 . SYNCHRONIZED OSCILLATORS
 . VACUUM TUBE OSCILLATORS
 . CATHODE RAY TUBES
 . . PICTURE TUBES
 . GAS DISCHARGE TUBES
 . MICROWAVE TUBES
 . . MAGNETRONS
 . . . NIGOTRONS
 . . . MICROWAVE OSCILLATORS
 . . . PLANOTRONS
 . . . CARCINOTRONS
 . . . HELITRONS
 RT AMPLIFIERS
 AUTOMATIC FREQUENCY CONTROL
 CAVITY RESONATORS
 CIRCUITS
 ELECTRON TUBES
 FEEDBACK
 FEEDBACK AMPLIFIERS
 FLIP-FLOPS
 FREQUENCY STABILITY
 FREQUENCY SYNTHESIZERS
 HARMONIC GENERATORS
 INVERTERS
 ∞ MOTION
 MULTIVIBRATORS
 NEGATIVE FEEDBACK
 NONOSCILLATORY ACTION
 NONSTABILIZED OSCILLATION
 OSCILLATIONS
 PARAMETRONS
 PERIODIC VARIATIONS
 PERTURBATION
 POSITIVE FEEDBACK
 RESONANT FREQUENCIES
 RESONATORS
 SELF EXCITATION
 SEMICONDUCTOR DEVICES
 SIGNAL GENERATORS
 SOLID STATE DEVICES
 SUBHARMONIC GENERATORS
 TRANSFORMERS
 VIBRATION

OSCILLOGRAMS

USE OSCILLOGRAMS

OSCILLOGRAPHS

UF OSCILLOGRAPHS

OSCILLOGRAPHS-(CONT.)

GS MEASURING INSTRUMENTS
 . **OSCILLOGRAPHS**
 RECORDING INSTRUMENTS
 . **OSCILLOGRAPHS**
 RT BARKHAUSEN EFFECT
 ELECTRICAL MEASUREMENT
 OSCILLOSCOPES
 TIME MEASUREMENT

OSCILLOSCOPES

RT CATHODE RAY TUBES
 ELECTRONIC EQUIPMENT TESTS
 FLYING SPOT SCANNERS
 FREQUENCY ANALYZERS
 OSCILLOGRAPHS
 SWEEP CIRCUITS
 SWEEP FREQUENCY
 SYNCHROSCOPES
 VIDEO EQUIPMENT

OSCULATIONS

USE DOUBLE CUSPS

OSEEN APPROXIMATION

GS ANALYSIS (MATHEMATICS)
 . NUMERICAL ANALYSIS
 . . APPROXIMATION
 . . . **OSEEN APPROXIMATION**
 RT INCOMPRESSIBLE FLUIDS
 NAVIER-STOKES EQUATION
 ROSHKO PREDICTION
 STOKES FLOW
 VISCOUS FLUIDS

OSMIUM

GS CHEMICAL ELEMENTS
 . REFRACTORY METALS
 . . **OSMIUM**
 . . . OSMIUM ISOTOPES
 METALS
 . TRANSITION METALS
 . . REFRACTORY METALS
 . . . **OSMIUM**
 OSMIUM ISOTOPES
 REFRACTORY MATERIALS
 . REFRACTORY METALS
 . . **OSMIUM**
 . . . OSMIUM ISOTOPES

OSMIUM ALLOYS

GS ALLOYS
 . HEAT RESISTANT ALLOYS
 . . REFRACTORY METAL ALLOYS
 . . . **OSMIUM ALLOYS**
 REFRACTORY MATERIALS
 . REFRACTORY METAL ALLOYS
 . . **OSMIUM ALLOYS**

OSMIUM COMPOUNDS

RT ∞ GROUP 8 COMPOUNDS
 ∞ METAL COMPOUNDS

OSMIUM ISOTOPES

GS CHEMICAL ELEMENTS
 . REFRACTORY METALS
 . . **OSMIUM**
 . . . **OSMIUM ISOTOPES**
 METALS
 . TRANSITION METALS
 . . REFRACTORY METALS
 . . . **OSMIUM**
 **OSMIUM ISOTOPES**
 REFRACTORY MATERIALS
 . REFRACTORY METALS
 . . **OSMIUM**
 . . . **OSMIUM ISOTOPES**

OSMOMETERS

GS MEASURING INSTRUMENTS
 . PRESSURE GAGES
 . . **OSMOMETERS**

OSMOSIS

UF HYPERTONIA
 OSMOTIC PRESSURE
 GS **OSMOSIS**
 . REVERSE OSMOSIS
 DEMINERALIZING
 DESALINIZATION
 DIAPHRAGMS (MECHANICS)
 DIFFUSION
 EXTRACTION
 HOMEOSTASIS
 RT

OSMOSIS-(CONT.)

ISOTONICITY
 MEMBRANES
 PERMEATING
 PRESSURE
 ∞ SEPARATION
 WATER BALANCE

OSMOTIC PRESSURE

USE OSMOSIS

OSO

UF ORBITING SOLAR OBSERVATORY
 GS OBSERVATORIES
 . ASTRONOMICAL OBSERVATORIES
 . . **OSO**
 . . . AOSO
 . . . OSO-C
 . . . OSO-1
 . . . OSO-2
 . . . OSO-3
 . . . OSO-4
 . . . OSO-5
 . . . OSO-6
 . . . OSO-7
 . . . OSO-8
 . . . **OSO**
 GEOPHYSICAL OBSERVATORIES
 . . . **OSO**
 OSO-C
 OSO-1
 OSO-2
 OSO-3
 OSO-4
 OSO-5
 OSO-6
 OSO-7
 OSO-8
 . . . **SATELLITES**
 ARTIFICIAL SATELLITES
 GEOPHYSICAL SATELLITES
 **OSO**
 OSO-C
 OSO-1
 OSO-2
 OSO-3
 OSO-4
 OSO-5
 OSO-6
 OSO-7
 OSO-8
 **EARTH SATELLITES**
 GEOPHYSICAL SATELLITES
 **OSO**
 OSO-C
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 OSO-2
 OSO-3
 OSO-4
 OSO-5
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 OSO-7
 OSO-8
 **UNMANNED SPACECRAFT**
 SOLAR OBSERVATORIES
 **OSO**
 AOSO
 OSO-C
 OSO-1
 OSO-2
 OSO-3
 OSO-4
 OSO-5
 OSO-6
 OSO-7
 OSO-8
 **THOR DELTA LAUNCH VEHICLE**
 RT
OSO-A
 USE OSO-1
OSO-B
 USE OSO-2

OSO-C

OSO-C
 UF S-57 SATELLITE
 GS OBSERVATORIES
 . ASTRONOMICAL OBSERVATORIES
 . . . OSO
 . . . **OSO-C**
 . . . GEOPHYSICAL OBSERVATORIES
 . . . OSO
 . . . **OSO-C**
 . . . SOLAR OBSERVATORIES
 . . . OSO
 . . . **OSO-C**
 . . . SATELLITES
 . . . ARTIFICIAL SATELLITES
 . . . GEOPHYSICAL SATELLITES
 . . . OSO
 . . . **OSO-C**
 . . . EARTH SATELLITES
 . . . GEOPHYSICAL SATELLITES
 . . . OSO
 . . . **OSO-C**
 . . . UNMANNED SPACECRAFT
 . . . SOLAR OBSERVATORIES
 . . . OSO
 . . . **OSO-C**
 RT DELTA LAUNCH VEHICLE

OSO-D
 USE OSO-4

OSO-E
 USE OSO-3

OSO-F
 USE OSO-5

OSO-G
 USE OSO-6

OSO-H
 USE OSO-7

OSO-J
 USE OSO-8

OSO-1
 UF OSO-A
 GS S-16 SATELLITE
 OBSERVATORIES
 . ASTRONOMICAL OBSERVATORIES
 . . . OSO
 . . . **OSO-1**
 . . . GEOPHYSICAL OBSERVATORIES
 . . . OSO
 . . . **OSO-1**
 . . . SOLAR OBSERVATORIES
 . . . OSO
 . . . **OSO-1**
 . . . SATELLITES
 . . . ARTIFICIAL SATELLITES
 . . . GEOPHYSICAL SATELLITES
 . . . OSO
 . . . **OSO-1**
 . . . EARTH SATELLITES
 . . . GEOPHYSICAL SATELLITES
 . . . OSO
 . . . **OSO-1**
 . . . UNMANNED SPACECRAFT
 . . . SOLAR OBSERVATORIES
 . . . OSO
 . . . **OSO-1**
 RT DELTA LAUNCH VEHICLE

OSO-2
 UF OSO-B
 GS S-17 SATELLITE
 OBSERVATORIES
 . ASTRONOMICAL OBSERVATORIES
 . . . OSO
 . . . **OSO-2**
 . . . GEOPHYSICAL OBSERVATORIES
 . . . OSO
 . . . **OSO-2**
 . . . SOLAR OBSERVATORIES
 . . . OSO
 . . . **OSO-2**
 . . . SATELLITES
 . . . ARTIFICIAL SATELLITES
 . . . GEOPHYSICAL SATELLITES
 . . . OSO
 . . . **OSO-2**
 . . . EARTH SATELLITES
 . . . GEOPHYSICAL SATELLITES
 . . . OSO
 . . . **OSO-2**

OSO-2-(CONT.)

UNMANNED SPACECRAFT
 . SOLAR OBSERVATORIES
 . . . OSO
 . . . **OSO-2**
 RT DELTA LAUNCH VEHICLE

OSO-3
 UF OSO-E
 GS OBSERVATORIES
 . ASTRONOMICAL OBSERVATORIES
 . . . OSO
 . . . **OSO-3**
 . . . GEOPHYSICAL OBSERVATORIES
 . . . OSO
 . . . **OSO-3**
 . . . SOLAR OBSERVATORIES
 . . . OSO
 . . . **OSO-3**
 . . . SATELLITES
 . . . ARTIFICIAL SATELLITES
 . . . GEOPHYSICAL SATELLITES
 . . . OSO
 . . . **OSO-3**
 . . . EARTH SATELLITES
 . . . GEOPHYSICAL SATELLITES
 . . . OSO
 . . . **OSO-3**
 . . . UNMANNED SPACECRAFT
 . . . SOLAR OBSERVATORIES
 . . . OSO
 . . . **OSO-3**

OSO-4
 UF OSO-D
 GS OBSERVATORIES
 . ASTRONOMICAL OBSERVATORIES
 . . . OSO
 . . . **OSO-4**
 . . . GEOPHYSICAL OBSERVATORIES
 . . . OSO
 . . . **OSO-4**
 . . . SOLAR OBSERVATORIES
 . . . OSO
 . . . **OSO-4**
 . . . SATELLITES
 . . . ARTIFICIAL SATELLITES
 . . . GEOPHYSICAL SATELLITES
 . . . OSO
 . . . **OSO-4**
 . . . EARTH SATELLITES
 . . . GEOPHYSICAL SATELLITES
 . . . OSO
 . . . **OSO-4**
 . . . UNMANNED SPACECRAFT
 . . . SOLAR OBSERVATORIES
 . . . OSO
 . . . **OSO-4**
 RT DELTA LAUNCH VEHICLE

OSO-5
 UF OSO-F
 GS OBSERVATORIES
 . ASTRONOMICAL OBSERVATORIES
 . . . OSO
 . . . **OSO-5**
 . . . GEOPHYSICAL OBSERVATORIES
 . . . OSO
 . . . **OSO-5**
 . . . SOLAR OBSERVATORIES
 . . . OSO
 . . . **OSO-5**
 . . . SATELLITES
 . . . ARTIFICIAL SATELLITES
 . . . GEOPHYSICAL SATELLITES
 . . . OSO
 . . . **OSO-5**
 . . . EARTH SATELLITES
 . . . GEOPHYSICAL SATELLITES
 . . . OSO
 . . . **OSO-5**
 . . . UNMANNED SPACECRAFT
 . . . SOLAR OBSERVATORIES
 . . . OSO
 . . . **OSO-5**

OSO-6
 UF OSO-G
 GS OBSERVATORIES
 . ASTRONOMICAL OBSERVATORIES
 . . . OSO
 . . . **OSO-6**
 . . . GEOPHYSICAL OBSERVATORIES
 . . . OSO
 . . . **OSO-6**

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. SOLAR OBSERVATORIES
 . . . OSO
 . . . **OSO-6**
 . . . SATELLITES
 . . . ARTIFICIAL SATELLITES
 . . . GEOPHYSICAL SATELLITES
 . . . OSO
 . . . **OSO-6**
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 . . . GEOPHYSICAL SATELLITES
 . . . OSO
 . . . **OSO-6**
 . . . UNMANNED SPACECRAFT
 . . . SOLAR OBSERVATORIES
 . . . OSO
 . . . **OSO-6**

OSO-7
 UF OSO-H
 GS OBSERVATORIES
 . ASTRONOMICAL OBSERVATORIES
 . . . OSO
 . . . **OSO-7**
 . . . GEOPHYSICAL OBSERVATORIES
 . . . OSO
 . . . **OSO-7**
 . . . SOLAR OBSERVATORIES
 . . . OSO
 . . . **OSO-7**
 . . . SATELLITES
 . . . ARTIFICIAL SATELLITES
 . . . GEOPHYSICAL SATELLITES
 . . . OSO
 . . . **OSO-7**
 . . . EARTH SATELLITES
 . . . GEOPHYSICAL SATELLITES
 . . . OSO
 . . . **OSO-7**
 . . . UNMANNED SPACECRAFT
 . . . SOLAR OBSERVATORIES
 . . . OSO
 . . . **OSO-7**
 RT DUAL SPIN SPACECRAFT

OSO-8
 UF OSO-J
 GS OBSERVATORIES
 . ASTRONOMICAL OBSERVATORIES
 . . . OSO
 . . . **OSO-8**
 . . . GEOPHYSICAL OBSERVATORIES
 . . . OSO
 . . . **OSO-8**
 . . . SOLAR OBSERVATORIES
 . . . OSO
 . . . **OSO-8**
 . . . SATELLITES
 . . . ARTIFICIAL SATELLITES
 . . . GEOPHYSICAL SATELLITES
 . . . OSO
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 . . . EARTH SATELLITES
 . . . GEOPHYSICAL SATELLITES
 . . . OSO
 . . . **OSO-8**
 . . . UNMANNED SPACECRAFT
 . . . SOLAR OBSERVATORIES
 . . . OSO
 . . . **OSO-8**

OSPREY MISSILE
 GS MISSILES
 . **OSPREY MISSILE**
 RT J-85 ENGINE

OSS-1 PAYLOAD
 GS PAYLOADS
 . SPACE SHUTTLE PAYLOADS
 . . . **OSS-1 PAYLOAD**
 RT EXPLORATION
 INVESTIGATION
 NASA PROGRAMS
 SPACE TRANSPORTATION SYSTEM
 SPACEBORNE EXPERIMENTS

OSTA-1 PAYLOAD
 UF NASA OSTA PAYLOAD
 OFFICE OF SPACE & TERRESTRIAL APPLIC
 PAYLOADS
 GS PAYLOADS
 . SPACE SHUTTLE PAYLOADS
 . . . **OSTA-1 PAYLOAD**
 RT SPACE TRANSPORTATION SYSTEM
 SPACEBORNE EXPERIMENTS

OSTA-2 PAYLOAD

- GS PAYLOADS
 - . **OSTA-2 PAYLOAD**
- RT SPACE TRANSPORTATION SYSTEM
SPACELAB

OSTEOPOROSIS

- GS DISEASES
 - . **OSTEOPOROSIS**
- RT BONE DEMINERALIZATION
BONE MINERAL CONTENT
BONES
CALCIUM METABOLISM
METABOLISM

OT-2

- USE ESSA 2 SATELLITE

OT-3

- USE ESSA 1 SATELLITE

OTF

- USE OPTICAL TRANSFER FUNCTION

OTOLARYNGOLOGY

- GS MEDICAL SCIENCE
 - . **OTOLARYNGOLOGY**
- RT EAR

OTOLITH ORGANS

- GS ANATOMY
 - . SENSE ORGANS
 - . . . GRAVIRECEPTORS
 - . . . **OTOLITH ORGANS**
- RT OCULOGRAVIC ILLUSIONS
VERTICAL PERCEPTION

OTOLOGY

- GS MEDICAL SCIENCE
 - . **OTOLOGY**
- RT EAR

OTS (ESA)

- UF ORBITAL TEST SATELLITE (ESA)
- GS ESA SPACECRAFT
 - . ESA SATELLITES
 - . . . **OTS (ESA)**
 - . . . SATELLITES
 - . . . ARTIFICIAL SATELLITES
 - . . . ESA SATELLITES
 - . . . **OTS (ESA)**
 - . . . EARTH SATELLITES
 - . . . ESA SATELLITES
 - . . . **OTS (ESA)**
- RT EUROPEAN COMMUNICATIONS
SATELLITE
EUROPEAN SPACE PROGRAMS

OTTO CYCLE

- GS CYCLES
 - . THERMODYNAMIC CYCLES
 - . . . **OTTO CYCLE**
- RT RANKINE CYCLE

OTV

- USE ORBIT TRANSFER VEHICLES

OUTCROPS

- RT FOLDS (GEOLOGY)
FORMATIONS
GEOLOGY

OUTER BANKS (NC)

- GS LANDFORMS
 - . BARRIERS (LANDFORMS)
 - . . . **OUTER BANKS (NC)**
- RT ATLANTIC OCEAN
ISLANDS
NORTH CAROLINA

OUTER PLANET MISSIONS

- USE GRAND TOURS

OUTER PLANET SPACECRAFT

- USE OUTER PLANETS EXPLORERS

OUTER PLANETS EXPLORERS

- UF OUTER PLANET SPACECRAFT
PLANETARY EXPLORER
DELTA LAUNCH VEHICLE
- RT EARTH SATELLITES
EXPLORER SATELLITES
FLYBY MISSIONS
GRAND TOURS

OUTER PLANETS EXPLORERS-(CONT.)

- INTERPLANETARY FLIGHT
- MARS PROBES
- ∞ SPACECRAFT
- TOPS (SPACECRAFT)
- VENUS PROBES

OUTER RADIATION BELT

- GS EARTH ATMOSPHERE
 - . RADIATION BELTS
 - . . . **OUTER RADIATION BELT**
 - . . . PARTICLES
 - . . . CHARGED PARTICLES
 - . . . MAGNETICALLY TRAPPED PARTICLES
 - RADIATION BELTS
 - **OUTER RADIATION BELT**
 - TRAPPED PARTICLES
 - MAGNETICALLY TRAPPED PARTICLES
 - RADIATION BELTS
 - **OUTER RADIATION BELT**
- RT ARTIFICIAL RADIATION BELTS
INNER RADIATION BELT
PROTON BELTS

OUTER SPACE TREATY

- GS FOREIGN POLICY
 - . INTERNATIONAL RELATIONS
 - . . . INTERNATIONAL COOPERATION
 - . . . **OUTER SPACE TREATY**
- RT CONVENTIONS
INTERNATIONAL LAW
RESEARCH AND DEVELOPMENT
RESOURCE ALLOCATION
SPACE LAW

OUTGASSING

- RT DEGASSING
DESORPTION
EVOLUTION (LIBERATION)
GAS EVOLUTION
PURGING
RESIDUAL GAS
TRANSPIRATION
VACUUM
VACUUM PUMPS

OUTLET FLOW

- GS FLUID FLOW
 - . **OUTLET FLOW**
- RT CASCADE FLOW
CHANNEL FLOW
- ∞ FLOW
 - . FLOW CHARACTERISTICS
 - . NOZZLE FLOW

OUTLETS

- GS **OUTLETS**
 - . VENTS
- RT APERTURES
CAVITIES
- ∞ DISCHARGE
- DOORS
- DUCTS
- EGRESS
- EXHAUST NOZZLES
- EXHAUST SYSTEMS
- GATES (OPENINGS)
- ∞ NOZZLES
- OPENINGS
- OUTPUT
- PIPE NOZZLES
- PLUGS
- PORTS (OPENINGS)
- ∞ TERMINALS

OUTLETS (GEOLOGY)

- USE ESTUARIES

OUTLIERS (LANDFORMS)

- UF KLIPPEN
- GS LANDFORMS
 - . **OUTLIERS (LANDFORMS)**
- RT FORMATIONS
ROCKS
SOIL EROSION

OUTLIERS (STATISTICS)

- RT MATHEMATICAL MODELS
PROBABILITY THEORY
STATISTICAL ANALYSIS
STATISTICAL DISTRIBUTIONS
STATISTICAL TESTS

OUTPUT

- UF DUMMY LOADS
- GS **OUTPUT**
 - . LASER OUTPUTS
 - . MASER OUTPUTS
- RT ∞ CAPACITY
CATCHERS
COMPUTER SYSTEMS PERFORMANCE
DELIVERY
EFFLUX
INPUT
OUTLETS
- ∞ PERFORMANCE
POWER CONDITIONING
PRINTOUTS
- ∞ PRODUCTION
PRODUCTS
READOUT
SUPPLYING
TRACKING PROBLEM
TRANSFER FUNCTIONS
TRANSMISSION
YIELD

OV-1 AIRCRAFT

- UF AO-1 AIRCRAFT
GRUMMAN OV-1C AIRCRAFT
MOHAWK AIRCRAFT
- GS GRUMMAN AIRCRAFT
 - . **OV-1 AIRCRAFT**
 - . JET AIRCRAFT
 - . . . TURBOPROP AIRCRAFT
 - . . . **OV-1 AIRCRAFT**
 - . . . MONOPLANES
 - . . . **OV-1 AIRCRAFT**
 - . . . OBSERVATION AIRCRAFT
 - . . . **OV-1 AIRCRAFT**

OV-1 SATELLITES

- GS SATELLITES
 - . ARTIFICIAL SATELLITES
 - . . . **OV-1 SATELLITES**
 - . . . EARTH SATELLITES
 - . . . **OV-1 SATELLITES**
 - . . . SCIENTIFIC SATELLITES
 - . . . **OV-1 SATELLITES**
- RT GRAVITY GRADIENT SATELLITES
SPIN STABILIZATION

OV-2 SATELLITES

- GS SATELLITES
 - . ARTIFICIAL SATELLITES
 - . . . **OV-2 SATELLITES**
 - . . . EARTH SATELLITES
 - . . . **OV-2 SATELLITES**
 - . . . SCIENTIFIC SATELLITES
 - . . . **OV-2 SATELLITES**
- RT GRAVITY GRADIENT SATELLITES
SPIN STABILIZATION

OV-3 SATELLITES

- GS SATELLITES
 - . ARTIFICIAL SATELLITES
 - . . . **OV-3 SATELLITES**
 - . . . EARTH SATELLITES
 - . . . **OV-3 SATELLITES**
 - . . . SCIENTIFIC SATELLITES
 - . . . **OV-3 SATELLITES**
- RT GRAVITY GRADIENT SATELLITES
SPIN STABILIZATION

OV-4 SATELLITES

- GS SATELLITES
 - . ARTIFICIAL SATELLITES
 - . . . **OV-4 SATELLITES**
 - . . . EARTH SATELLITES
 - . . . **OV-4 SATELLITES**
 - . . . SCIENTIFIC SATELLITES
 - . . . **OV-4 SATELLITES**
- RT GRAVITY GRADIENT SATELLITES
SPIN STABILIZATION

OV-5 SATELLITES

- GS SATELLITES
 - . ARTIFICIAL SATELLITES
 - . . . **OV-5 SATELLITES**
 - . . . EARTH SATELLITES
 - . . . **OV-5 SATELLITES**
 - . . . SCIENTIFIC SATELLITES
 - . . . **OV-5 SATELLITES**
- RT GRAVITY GRADIENT SATELLITES
SPIN STABILIZATION

OV-6 SATELLITES

- GS SATELLITES

OV-10 AIRCRAFT

OV-6 SATELLITES-(CONT.)

- . ARTIFICIAL SATELLITES
- . **OV-6 SATELLITES**
- . EARTH SATELLITES
- . **OV-6 SATELLITES**

OV-10 AIRCRAFT

- UF NA-300 AIRCRAFT
- GS ATTACK AIRCRAFT
- . **OV-10 AIRCRAFT**
- COIN AIRCRAFT
- . **OV-10 AIRCRAFT**
- JET AIRCRAFT
- TURBOPROP AIRCRAFT
- . **OV-10 AIRCRAFT**
- MONOPLANES
- . **OV-10 AIRCRAFT**
- NORTH AMERICAN AIRCRAFT
- . **OV-10 AIRCRAFT**
- OBSERVATION AIRCRAFT
- . **OV-10 AIRCRAFT**
- RECONNAISSANCE AIRCRAFT
- . **OV-10 AIRCRAFT**

OVARIES

- GS ANATOMY
- . GENITOURINARY SYSTEM
- . **OVARIES**
- . GLANDS (ANATOMY)
- . ENDOCRINE GLANDS
- . **OVARIES**
- . SEX GLANDS
- . **OVARIES**
- . ORGANS
- . **OVARIES**
- REPRODUCTIVE SYSTEMS
- . **OVARIES**
- VISCERA
- . ENDOCRINE GLANDS
- . **OVARIES**
- . ORGANS
- . **OVARIES**
- . SEX GLANDS
- . **OVARIES**
- RT EGGS
- MENSTRUATION

OVENS

- GS HEATING EQUIPMENT
- . **OVENS**
- RT BAKING
- DRY HEAT
- FURNACES
- WASTE ENERGY UTILIZATION

OVER-THE-HORIZON RADAR

- GS RADAR
- . SEARCH RADAR
- . **OVER-THE-HORIZON RADAR**
- RT EARLY WARNING SYSTEMS
- MOVING TARGET INDICATORS
- OPTICAL RADAR
- RADAR DETECTION
- RADAR RANGE

OVERCAST

- USE CLOUD COVER

OVERCOMPRESSION

- USE OVERCONSOLIDATION

OVERCONSOLIDATION

- UF OVERCOMPRESSION
- RT CONSOLIDATION
- FOUNDATIONS

OVERHAUSER EFFECT

- RT ∞ EFFECTS
- MAGNETIC RESONANCE
- NUCLEAR SPIN
- ∞ POLARIZATION
- RESONANCE

OVERPRESSURE

- GS PRESSURE
- . **OVERPRESSURE**
- RT BLAST LOADS
- DYNAMIC PRESSURE

OVERTONES

- USE HARMONICS

OVERVOLTAGE

- RT CIRCUIT PROTECTION

OVERVOLTAGE-(CONT.)

- DECOMPOSITION
- ELECTRIC POTENTIAL
- GEIGER COUNTERS
- OPEN CIRCUIT VOLTAGE
- POLARIZATION (CHARGE SEPARATION)
- SURGES

OXALATES

- GS **OXALATES**
- . COBALT OXALATES
- RT OXALIC ACID
- ∞ OXYGEN COMPOUNDS

OXALIC ACID

- GS ALIPHATIC COMPOUNDS
- . **OXALIC ACID**
- RT OXALATES

OXAMIC ACIDS

- GS ALIPHATIC COMPOUNDS
- . **OXAMIC ACIDS**
- NITROGEN COMPOUNDS
- . AMIDES
- . **OXAMIC ACIDS**

OXAZOLE

- GS HETEROCYCLIC COMPOUNDS
- . AZOLES
- . **OXAZOLE**

OXIDASE

- GS ACIDS
- . **OXIDASE**
- ENZYMES
- . **OXIDASE**
- ORGANIC COMPOUNDS
- . **OXIDASE**
- PROTEINS
- . **OXIDASE**

OXIDATION

- GS CHEMICAL REACTIONS
- . **OXIDATION**
- . ELECTROCHEMICAL OXIDATION
- . PHOTOOXIDATION
- . RUSTING
- RT ASSOCIATION REACTIONS
- CHARRING
- CHEMICAL ATTACK
- COMBUSTION
- CORROSION
- DEGRADATION
- DEHYDROGENATION
- DOPA
- ELECTRON TRANSFER
- EPOXIDATION
- EROSIVE BURNING
- FUEL COMBUSTION
- HOT CORROSION
- HYDROCARBON COMBUSTION
- METAL COMBUSTION
- OXIDIZERS
- OXYGENATION
- PASSIVITY
- REDUCTION (CHEMISTRY)
- ROASTING
- THERMAL RESISTANCE

OXIDATION RESISTANCE

- GS CORROSION RESISTANCE
- . **OXIDATION RESISTANCE**
- RT PASSIVITY
- ∞ RESISTANCE
- RUSTING
- SILICONIZING
- THERMAL RESISTANCE

OXIDATION-REDUCTION REACTIONS

- GS CHEMICAL REACTIONS
- . **OXIDATION-REDUCTION REACTIONS**
- RT ELECTROCHEMISTRY
- REDUCTION (CHEMISTRY)

OXIDE FILMS

- RT CATHODIC COATINGS
- ∞ FILMS
- METAL OXIDES
- METAL SURFACES
- SURFACE LAYERS
- THIN FILMS

OXIDES

- GS CHALCOGENIDES

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- . **OXIDES**
- . ANHYDRIDES
- . PEROXIDES
- . . . INORGANIC PEROXIDES
- . . . ORGANIC PEROXIDES
- . . . SODIUM PEROXIDES
- . BORON OXIDES
- . BRUCITE
- . CARBON MONOXIDE
- . CARBON SUBOXIDES
- . CHLORINE OXIDES
- . DIOXIDES
- . . CARBON DIOXIDE
- . FLINT
- . HYDROGEN PEROXIDE
- . SILICON DIOXIDE
- . . . QUARTZ
- . . . COESITE
- . . . SULFUR DIOXIDES
- . GERMANIUM OXIDES
- . HEAVY WATER
- . METAL OXIDES
- . . . ALKALINE EARTH OXIDES
- . . . BARIUM OXIDES
- . . . BERYLLIUM OXIDES
- . . . CALCIUM OXIDES
- . . . MAGNESIUM OXIDES
- . . . PERICLASE
- . . . ALUMINUM OXIDES
- . . . SAPPHIRE
- . . . BISMUTH OXIDES
- . . . CESIUM OXIDES
- . . . CHROMIUM OXIDES
- . . . CHROMITES
- . . . COBALT OXIDES
- . . . COPPER OXIDES
- . . . HAFNIUM OXIDES
- . . . IRON OXIDES
- . . . CHROMITES
- . . . HEMATITE
- . . . ILMENITE
- . . . MAGNETITE
- . . . LANTHANUM OXIDES
- . . . LEAD OXIDES
- . . . LITHIUM OXIDES
- . . . MANGANESE OXIDES
- . . . HOPCALITE (TRADEMARK)
- . . . MERCURY OXIDES
- . . . MIXED OXIDES
- . . . MOLYBDENUM OXIDES
- . . . NICKEL OXIDES
- . . . NIOBIUM OXIDES
- . . . PLATINUM OXIDES
- . . . PLUTONIUM OXIDES
- . . . POTASSIUM OXIDES
- . . . SCANDIUM OXIDES
- . . . SILVER OXIDES
- . . . SODIUM PEROXIDES
- . . . TANTALUM OXIDES
- . . . THORIUM OXIDES
- . . . TIN OXIDES
- . . . TITANIUM OXIDES
- . . . ANATASE
- . . . ILMENITE
- . . . RUTILE
- . . . TUNGSTEN OXIDES
- . . . SCHEELITE
- . . . URANIUM OXIDES
- . . . VANADIUM OXIDES
- . . . YTTRIUM OXIDES
- . . . ZINC OXIDES
- . . . ZIRCONIUM OXIDES
- . . . NITROGEN OXIDES
- . . . NITRIC OXIDE
- . . . NITROGEN DIOXIDE
- . . . NITROGEN TETROXIDE
- . . . NITROUS OXIDES
- . . . PHOSPHORUS OXIDES
- . . . PYROXENES
- . . . ENSTATITE
- . . . SELENIUM OXIDES
- . . . SILICON OXIDES
- . . . MUSCOVITE
- . . . NEPHELINE
- . . . NORBERGITE
- . . . SILICON DIOXIDE
- . . . QUARTZ
- . . . COESITE
- . . . SPODUMENE
- . . . SULFUR OXIDES
- . . . SULFUR DIOXIDES
- RT ANODIC COATINGS
- CATHODIC COATINGS
- EUXENITE
- INSULATION

OXIDES-(CONT.)

METAL COATINGS
 NIOBATES
 NONFLAMMABLE MATERIALS
 ∞ OXYGEN COMPOUNDS
 WATER

OXIDIZERS

GS **OXIDIZERS**
 . HIGH ENERGY OXIDIZERS
 . LIQUID OXIDIZERS
 . LIQUID OXYGEN
 . PHOTOCHEMICAL OXIDANTS
 . ROCKET OXIDIZERS
 . . . FLOX
 RT ∞ AGENTS
 AIR POLLUTION
 FLUORINE
 FUELS
 NITRAMINE PROPELLANTS
 OXIDATION

OXIMETRY

RT BIOCHEMICAL OXYGEN DEMAND
 BLOOD
 HYPEROXIA
 HYPOXIA
 OXYGEN CONSUMPTION

OXYACETYLENE

GS ALIPHATIC COMPOUNDS
 . ALKYNES
 . . . **OXYACETYLENE**
 HYDROCARBONS
 . ALKYNES
 . . . **OXYACETYLENE**
 RT ACETYLENE
 DETONABLE GAS MIXTURES
 ∞ OXYGEN COMPOUNDS

OXYALKYLATION

USE ALKYLATION

OXYFLUORIDES

GS HALOGEN COMPOUNDS
 . FLUORINE COMPOUNDS
 . . . FLUORIDES
 . . . **OXYFLUORIDES**
 . HALIDES
 . . . FLUORIDES
 . . . **OXYFLUORIDES**
 RT ∞ OXYGEN COMPOUNDS

OXYGEN

GS CHEMICAL ELEMENTS
 . **OXYGEN**
 . . OXYGEN ATOMS
 . . OXYGEN IONS
 . . OXYGEN ISOTOPES
 . . . OXYGEN 17
 . . . OXYGEN 18
 . . OXYGEN PLASMA
 GASES
 . **OXYGEN**
 . . HIGH PRESSURE OXYGEN
 . . LIQUID OXYGEN
 . . OXYGEN ATOMS
 . . OXYGEN IONS
 . . OXYGEN ISOTOPES
 . . . OXYGEN 18
 . . OXYGEN PLASMA
 . . OZONE
 . . . OZONATES
 . . . OZONIDES
 RT REACTION BONDING
 SCHUMANN-RUNGE BANDS
 SIALON

OXYGEN AFTERGLOW

GS AFTERGLOWS
 . OXYGEN AFTERGLOW

OXYGEN ANALYZERS

UF OXYGEN DETECTORS
 GS MEASURING INSTRUMENTS
 . **OXYGEN ANALYZERS**
 RT GAS ANALYSIS

OXYGEN ATOMS

GS ATOMS
 . **OXYGEN ATOMS**
 CHEMICAL ELEMENTS
 . OXYGEN
 . . **OXYGEN ATOMS**

OXYGEN ATOMS-(CONT.)

GASES
 . OXYGEN
 . . **OXYGEN ATOMS**

OXYGEN BREATHING

RT ∞ BREATHING

∞ OXYGEN COMPOUNDS

SN *(USE OF A MORE SPECIFIC TERM IS
 RECOMMENDED-CONSULT THE TERMS
 LISTED BELOW)*

RT ACIDS
 ALUMINATES
 ARSENATES
 BORATES
 BROMATES
 CARBOHYDRATES
 CARBON SUBOXIDES
 CARBONATES
 CHLORATES
 CHROMATES
 GERMANIUM OXIDES
 NIOBATES
 OXALATES
 OXIDES
 OXYACETYLENE
 OXYFLUORIDES
 OXYGEN FLUORIDES
 OZONATES
 OZONE FLUORIDE
 OZONIDES
 STANNATES

OXYGEN CONSUMPTION

GS CONSUMPTION
 . **OXYGEN CONSUMPTION**
 RT BIOCHEMICAL OXYGEN DEMAND
 HYPEROXIA
 HYPOXIA
 METABOLISM
 OXIMETRY

OXYGEN DEFICIENCY

USE HYPOXIA

OXYGEN DETECTORS

USE OXYGEN ANALYZERS

OXYGEN FLUORIDES

GS HALOGEN COMPOUNDS
 . FLUORINE COMPOUNDS
 . . . FLUORIDES
 . . . **OXYGEN FLUORIDES**
 . HALIDES
 . . . FLUORIDES
 . . . **OXYGEN FLUORIDES**
 RT ∞ OXYGEN COMPOUNDS

OXYGEN IONS

GS CHEMICAL ELEMENTS
 . OXYGEN
 . . **OXYGEN IONS**
 GASES
 . OXYGEN
 . . **OXYGEN IONS**
 IONS
 . **OXYGEN IONS**
 RT FREE RADICALS
 NEGATIVE IONS

OXYGEN ISOTOPES

GS CHEMICAL ELEMENTS
 . NUCLIDES
 . . ISOTOPES
 . . . **OXYGEN ISOTOPES**
 OXYGEN 18
 . OXYGEN
 . . **OXYGEN ISOTOPES**
 . . . OXYGEN 17
 . . . OXYGEN 18
 GASES
 . OXYGEN
 . . **OXYGEN ISOTOPES**
 . . . OXYGEN 18

OXYGEN MASKS

GS BREATHING APPARATUS
 . **OXYGEN MASKS**
 MASKS
 . **OXYGEN MASKS**
 OXYGEN SUPPLY EQUIPMENT
 . **OXYGEN MASKS**
 RT HIGH ALTITUDE BREATHING

OXYGEN MASKS-(CONT.)

LIFE SUPPORT SYSTEMS
 PORTABLE LIFE SUPPORT SYSTEMS

OXYGEN METABOLISM

GS METABOLISM
 . **OXYGEN METABOLISM**
 RT HYDROGEN METABOLISM
 RESPIRATION

OXYGEN PLASMA

GS CHEMICAL ELEMENTS
 . OXYGEN
 . . **OXYGEN PLASMA**
 GASES
 . OXYGEN
 . . **OXYGEN PLASMA**
 RT ARGON PLASMA
 HELIUM PLASMA
 HYDROGEN PLASMA

OXYGEN PRODUCTION

RT CLOSED ECOLOGICAL SYSTEMS
 GAS EXCHANGE

OXYGEN RECOMBINATION

GS CHEMICAL REACTIONS
 . ATOMIC RECOMBINATION
 . . **OXYGEN RECOMBINATION**
 RECOMBINATION REACTIONS
 . ATOMIC RECOMBINATION
 . . **OXYGEN RECOMBINATION**
 RT IONIZATION

OXYGEN REGULATORS

GS REGULATORS
 . **OXYGEN REGULATORS**
 RT FLOW REGULATORS
 PRESSURE REGULATORS

OXYGEN SPECTRA

GS SPECTRA
 . **OXYGEN SPECTRA**
 RT AIRGLOW
 HERZBERG BANDS
 MOLECULAR SPECTRA
 SOLAR SPECTRA

OXYGEN SUPPLY EQUIPMENT

UF OXYGEN SYSTEMS
 GS **OXYGEN SUPPLY EQUIPMENT**
 . OXYGEN MASKS
 RT AEPS
 AIR CONDITIONING EQUIPMENT
 BREATHING APPARATUS
 CABIN ATMOSPHERES
 COMPRESSED AIR
 CONTROLLED ATMOSPHERES
 EMERGENCY LIFE SUSTAINING
 SYSTEMS
 LIFE SUPPORT SYSTEMS
 PRESSURIZED CABINS
 SURVIVAL EQUIPMENT

OXYGEN SYSTEMS

USE OXYGEN SUPPLY EQUIPMENT

OXYGEN TENSION

GS PRESSURE
 . PARTIAL PRESSURE
 . . **OXYGEN TENSION**
 . . . HYPOXEMIA

OXYGEN TOXICITY

USE HYPEROXIA

OXYGEN 17

GS CHEMICAL ELEMENTS
 . OXYGEN
 . . OXYGEN ISOTOPES
 . . . **OXYGEN 17**

OXYGEN 18

GS CHEMICAL ELEMENTS
 . NUCLIDES
 . . ISOTOPES
 . . . OXYGEN ISOTOPES
 **OXYGEN 18**
 . OXYGEN
 . . OXYGEN ISOTOPES
 . . . **OXYGEN 18**
 GASES
 . OXYGEN
 . . OXYGEN ISOTOPES

OXYGENATION

OXYGEN 18-(CONT.)

... OXYGEN 18

OXYGENATION

GS CHEMICAL REACTIONS
 . OXYGENATION
 RT AERATION
 DISSOLVED GASES
 OXIDATION

OXYHALIDES

GS HALOGEN COMPOUNDS
 . HALIDES
 . OXYHALIDES

OXYHEMOGLOBIN

GS CELLS (BIOLOGY)
 . HEMOGLOBIN
 . OXYHEMOGLOBIN
 ORGANOMETALLIC COMPOUNDS
 . HEMOGLOBIN
 . OXYHEMOGLOBIN
 PROTEINS
 . OXYHEMOGLOBIN
 RT ERYTHROCYTES

OXYNITRIDES

GS NITROGEN COMPOUNDS
 . NITRIDES
 . OXYNITRIDES
 RT ∞ CHEMICAL COMPOUNDS
 ∞ GROUP 5A COMPOUNDS

OZONATES

GS GASES
 . OXYGEN
 . OZONE
 . OZONATES
 RT ∞ OXYGEN COMPOUNDS

OZONE

GS GASES
 . OXYGEN
 . OZONE
 . OZONATES
 . OZONIDES
 RT HALOGEN OCCULTATION EXPERIMENT
 OZONOMETRY
 PHOTOCHEMICAL OXIDANTS
 SAGE SATELLITE
 SOLAR MESOSPHERE EXPLORER

OZONE FLUORIDE

GS HALOGEN COMPOUNDS
 . FLUORINE COMPOUNDS
 . FLUORIDES
 . OZONE FLUORIDE
 . HALIDES
 . FLUORIDES
 . OZONE FLUORIDE
 RT ∞ OXYGEN COMPOUNDS

OZONIDES

GS GASES
 . OXYGEN
 . OZONE
 . OZONIDES
 RT ∞ OXYGEN COMPOUNDS

OZONOMETRY

GS CHEMICAL TESTS
 . CHEMICAL ANALYSIS
 . GAS ANALYSIS
 . OZONOMETRY
 RT OZONE

OZONOSPHERE

GS EARTH ATMOSPHERE
 . LOWER ATMOSPHERE
 . OZONOSPHERE
 RT CHEMOSPHERE
 HOMOSPHERE
 UMKEHR EFFECT
 UPPER ATMOSPHERE

P

P BAND

GS FREQUENCIES
 . RADIO FREQUENCIES
 . MICROWAVE FREQUENCIES

P BAND-(CONT.)

... P BAND
 . ULTRAHIGH FREQUENCIES
 . P BAND
 . VERY HIGH FREQUENCIES
 . P BAND

P WAVES

GS ELASTIC WAVES
 . P WAVES
 RT COMPRESSIBLE FLUIDS
 COMPRESSION WAVES
 CRUSTAL FRACTURES
 DILATATIONAL WAVES
 S WAVES
 SEISMIC WAVES
 SURFACE WAVES

P.A.C.M. TELEMETRY

GS TELECOMMUNICATION
 . TELEMETRY
 . P.A.C.M. TELEMETRY
 RT AMPLITUDE MODULATION
 COMMUNICATION EQUIPMENT
 DIFFERENTIAL PULSE CODE
 MODULATION
 MODULATION
 PULSE AMPLITUDE MODULATION
 PULSE CODE MODULATION

P-I-N DIODES

USE DIODES
 P-I-N JUNCTIONS

P-I-N JUNCTIONS

UF P-I-N DIODES
 GS SEMICONDUCTOR JUNCTIONS
 . P-I-N JUNCTIONS

P-N JUNCTIONS

UF N-P JUNCTIONS
 GS SEMICONDUCTOR JUNCTIONS
 . P-N JUNCTIONS
 RT SIS (SEMICONDUCTORS)

P-N-P JUNCTIONS

GS SEMICONDUCTOR JUNCTIONS
 . P-N-P JUNCTIONS

P-N-P-N JUNCTIONS

GS SEMICONDUCTOR JUNCTIONS
 . P-N-P-N JUNCTIONS
 RT ∞ JUNCTIONS
 LATCH-UP
 THYRISTORS

P-TYPE SEMICONDUCTORS

GS SEMICONDUCTORS (MATERIALS)
 . P-TYPE SEMICONDUCTORS
 RT HOLES (ELECTRON DEFICIENCIES)
 SEMICONDUCTOR JUNCTIONS

P-1 ENGINE

GS ENGINES
 . ROCKET ENGINES
 . BOOSTER ROCKET ENGINES
 . P-1 ENGINE
 . SOLID PROPELLANT ROCKET
 ENGINES
 . P-1 ENGINE

P-3 AIRCRAFT

UF ORION AIRCRAFT
 P3V AIRCRAFT
 GS ANTISUBMARINE WARFARE AIRCRAFT
 . P-3 AIRCRAFT
 JET AIRCRAFT
 . P-3 AIRCRAFT
 LOCKHEED AIRCRAFT
 . P-3 AIRCRAFT
 MONOPLANES
 . P-3 AIRCRAFT
 RT TURBOPROP ENGINES

P-16 AIRCRAFT

UF AFU P-16 AIRCRAFT
 GS ATTACK AIRCRAFT
 . FIGHTER AIRCRAFT
 . P-16 AIRCRAFT
 JET AIRCRAFT
 . P-16 AIRCRAFT
 MONOPLANES
 . P-16 AIRCRAFT

P-51 AIRCRAFT

UF MUSTANG AIRCRAFT
 GS ATTACK AIRCRAFT
 . FIGHTER AIRCRAFT
 . P-51 AIRCRAFT
 MONOPLANES
 . P-51 AIRCRAFT
 NORTH AMERICAN AIRCRAFT
 . P-51 AIRCRAFT

P-84 AIRCRAFT

USE JET PROVOST AIRCRAFT

P-160 AIRCRAFT

UF ME P-160 AIRCRAFT
 MESSERSCHMITT ME P-160 AIRCRAFT
 GS COMMERCIAL AIRCRAFT
 . P-160 AIRCRAFT
 PASSENGER AIRCRAFT
 . P-160 AIRCRAFT

P-166 AIRCRAFT

UF PIAGGIO P-166 AIRCRAFT
 GS LIGHT AIRCRAFT
 . P-166 AIRCRAFT
 MONOPLANES
 . P-166 AIRCRAFT
 PASSENGER AIRCRAFT
 . P-166 AIRCRAFT
 PIAGGIO AIRCRAFT
 . P-166 AIRCRAFT
 TRANSPORT AIRCRAFT
 . CARGO AIRCRAFT
 . P-166 AIRCRAFT

P-308 AIRCRAFT

UF ME P-308 AIRCRAFT
 MESSERSCHMITT ME P-308 AIRCRAFT
 GS ATTACK AIRCRAFT
 . P-308 AIRCRAFT
 JET AIRCRAFT
 . P-308 AIRCRAFT
 MONOPLANES
 . P-308 AIRCRAFT

P-531 HELICOPTER

UF SCOUT HELICOPTER
 WESTLAND P-531 HELICOPTER
 GS UTILITY AIRCRAFT
 . P-531 HELICOPTER
 V/STOL AIRCRAFT
 . ROTARY WING AIRCRAFT
 . HELICOPTERS
 . P-531 HELICOPTER
 WESTLAND AIRCRAFT
 . P-531 HELICOPTER
 RT ANTISUBMARINE WARFARE AIRCRAFT
 PASSENGER AIRCRAFT

P-1052 AIRCRAFT

UF HAWKER P-1052 AIRCRAFT
 GS HAWKER SIDDELEY AIRCRAFT
 . P-1052 AIRCRAFT
 JET AIRCRAFT
 . P-1052 AIRCRAFT
 MONOPLANES
 . P-1052 AIRCRAFT
 RESEARCH AIRCRAFT
 . P-1052 AIRCRAFT

P-1067 AIRCRAFT

GS ATTACK AIRCRAFT
 . P-1067 AIRCRAFT
 JET AIRCRAFT
 . P-1067 AIRCRAFT
 MONOPLANES
 . P-1067 AIRCRAFT

P-1127 AIRCRAFT

UF HAWKER P-1127 AIRCRAFT
 KESTREL AIRCRAFT
 VZ-12 AIRCRAFT
 XV-6A AIRCRAFT
 GS ATTACK AIRCRAFT
 . FIGHTER AIRCRAFT
 . P-1127 AIRCRAFT
 HAWKER SIDDELEY AIRCRAFT
 . P-1127 AIRCRAFT
 JET AIRCRAFT
 . TURBOFAN AIRCRAFT
 . P-1127 AIRCRAFT
 MONOPLANES
 . P-1127 AIRCRAFT
 OBSERVATION AIRCRAFT
 . P-1127 AIRCRAFT

P-1127 AIRCRAFT-(CONT.)

RECONNAISSANCE AIRCRAFT
 . **P-1127 AIRCRAFT**
 V/STOL AIRCRAFT
 . **P-1127 AIRCRAFT**
 RT BRISTOL-SIDDELEY BS 53 ENGINE
 HARRIER AIRCRAFT
 TURBOFAN ENGINES

P-1154 AIRCRAFT

UF HAWKER P-1154 AIRCRAFT
 GS ATTACK AIRCRAFT
 . FIGHTER AIRCRAFT
 . **P-1154 AIRCRAFT**
 HAWKER SIDDELEY AIRCRAFT
 . **P-1154 AIRCRAFT**
 JET AIRCRAFT
 . TURBOFAN AIRCRAFT
 . **P-1154 AIRCRAFT**
 MONOPLANES
 . **P-1154 AIRCRAFT**
 OBSERVATION AIRCRAFT
 . **P-1154 AIRCRAFT**
 RECONNAISSANCE AIRCRAFT
 . **P-1154 AIRCRAFT**
 SUPERSONIC AIRCRAFT
 . **P-1154 AIRCRAFT**
 V/STOL AIRCRAFT
 . **P-1154 AIRCRAFT**
 RT TURBOFAN ENGINES

PA-34 SENECA AIRCRAFT

UF SENECA AIRCRAFT
 GS LIGHT AIRCRAFT
 . PIPER AIRCRAFT
 . **PA-34 SENECA AIRCRAFT**
 RT . AIRCRAFT
 ATLIT PROJECT
 GAW-1 AIRFOIL
 GENERAL DYNAMICS AIRCRAFT

PACE

USE PHYSICS AND CHEMISTRY EXPERIMENT
 IN SPACE

PACIFIC ISLANDS

GS LANDFORMS
 . ISLANDS
 . **PACIFIC ISLANDS**
 . . GUAM
 . . JAPAN
 . . JOHNSTON ISLAND
 . . KURILE ISLANDS
 . . NEW GUINEA (ISLAND)
 . . NEW ZEALAND
 . . PHILIPPINES
 . . SAMOA

PACIFIC NORTHWEST (US)

GS REGIONS
 . **PACIFIC NORTHWEST (US)**
 RT CANADA
 UNITED STATES OF AMERICA

PACIFIC OCEAN

GS OCEANS
 . **PACIFIC OCEAN**
 RT BERING SEA
 COASTAL RANGES (CA)
 GULF OF ALASKA
 GULF OF CALIFORNIA (MEXICO)
 INDONESIA
 MONTEREY BAY (CA)
 SALTON SEA (CA)
 SAN FRANCISCO BAY (CA)
 SEA OF OKHOTSK
 SOUTHERN CALIFORNIA

PACKAGES

GS **PACKAGES**
 . APOLLO LUNAR SURFACE
 EXPERIMENTS PACKAGE
 . INSTRUMENT PACKAGES
 . . EASEP
 . . EREP
 RT BAGS
 BOXES (CONTAINERS)
 BUNDLES
 CARTRIDGES
 CASES (CONTAINERS)
 . CONTAINERS
 . INSTRUMENTS
 PACKAGING

PACKAGING

GS **PACKAGING**
 . ELECTRONIC PACKAGING
 RT . CONTAINERS
 CORROSION PREVENTION
 ENCAPSULATING
 ENCLOSURE
 HAULING
 HOPPERS
 INHIBITORS
 MARKING
 MATERIALS HANDLING
 PACKAGES
 . PACKING
 PRESERVING
 SEALERS
 SPIRAL WRAPPING
 . STORAGE
 TRANSPORTATION
 VERMICULITE
 WEATHERPROOFING
 . WRAP

PACKET SWITCHING

GS SWITCHING
 . PACKET TRANSMISSION
 . **PACKET SWITCHING**
 RT BEAM SWITCHING
 COMMUNICATION NETWORKS
 DATA TRANSMISSION
 INTERRUPTION
 MICROWAVE SWITCHING
 MULTIPLE ACCESS
 NETWORK CONTROL
 PACKETS (COMMUNICATION)
 RADIO TRANSMISSION
 SEQUENCING
 SIGNAL TRANSMISSION
 SWITCHING CIRCUITS
 SWITCHING THEORY
 TELECOMMUNICATION
 TIME DIVISION MULTIPLE ACCESS

PACKET TRANSMISSION

GS SWITCHING
 . **PACKET TRANSMISSION**
 . . PACKET SWITCHING
 RT ALOHA SYSTEM
 CHANNEL CAPACITY
 DATA TRANSMISSION
 MESSAGE PROCESSING
 PACKETS (COMMUNICATION)
 SPACECRAFT COMMUNICATION
 TRANSMISSION EFFICIENCY

PACKETS (COMMUNICATION)

RT ALOHA SYSTEM
 COMMUNICATION NETWORKS
 DATA TRANSMISSION
 PACKET SWITCHING
 PACKET TRANSMISSION
 TRANSMISSION EFFICIENCY
 WAVE PACKETS

. PACKING

SN *(USE OF A MORE SPECIFIC TERM IS
 RECOMMENDED--CONSULT THE TERMS
 LISTED BELOW)*
 RT PACKAGING
 PACKING DENSITY
 PACKINGS (SEALS)
 SEALING

PACKING DENSITY

GS DENSITY (NUMBER/VOLUME)
 . **PACKING DENSITY**
 RT BRAVAIS CRYSTALS
 CRYSTAL STRUCTURE
 CRYSTALS
 . PACKING
 VOID RATIO

PACKINGS (SEALS)

GS SEALS (STOPPERS)
 . **PACKINGS (SEALS)**
 RT BEARINGS
 GLANDS (SEALS)
 LABYRINTH SEALS
 . PACKING
 PUMPS
 SEALERS
 SEALING
 SHAFTS (MACHINE ELEMENTS)
 VALVES

. PAD

SN *(USE OF A MORE SPECIFIC TERM IS
 RECOMMENDED--CONSULT THE TERMS
 LISTED BELOW)*
 RT CUSHIONS
 FOUNDATIONS
 LAUNCHING PADS

PADDLES

RT FOLDING STRUCTURES
 MIXERS
 SOLAR GENERATORS
 TURBOMACHINE BLADES

PADE APPROXIMATION

GS ANALYSIS (MATHEMATICS)
 . CALCULUS
 . . SERIES (MATHEMATICS)
 . . **PADE APPROXIMATION**
 . . NUMERICAL ANALYSIS
 . . APPROXIMATION
 . . **PADE APPROXIMATION**
 . . REAL VARIABLES
 . . SERIES (MATHEMATICS)
 . . **PADE APPROXIMATION**

PAGEOS SATELLITE

GS SATELLITES
 . ARTIFICIAL SATELLITES
 . . GEODETIC SATELLITES
 . . **PAGEOS SATELLITE**
 . . PASSIVE SATELLITES
 . . **PAGEOS SATELLITE**
 . . EARTH SATELLITES
 . . GEODETIC SATELLITES
 . . **PAGEOS SATELLITE**
 . . PASSIVE SATELLITES
 . . **PAGEOS SATELLITE**
 UNMANNED SPACECRAFT
 . GEODETIC SATELLITES
 . **PAGEOS SATELLITE**
 . PASSIVE SATELLITES
 . **PAGEOS SATELLITE**
 RT EXPLORER 29 SATELLITE
 EXPLORER 36 SATELLITE
 GEOS 1 SATELLITE
 GEOS 2 SATELLITE
 GEOS 3 SATELLITE

PAIN

GS PERCEPTION
 . SENSORY PERCEPTION
 . **PAIN**
 RT ANALGESIA

PAIN SENSITIVITY

GS PERCEPTION
 . SENSORY PERCEPTION
 . **PAIN SENSITIVITY**
 SENSITIVITY
 . **PAIN SENSITIVITY**

PAINTS

GS COATINGS
 . **PAINTS**
 RT FILLERS
 FINISHES
 METAL COATINGS
 PIGMENTS
 PRIMERS (COATINGS)
 PROTECTIVE COATINGS
 RUBBER COATINGS
 SEALERS
 SPRAYED COATINGS
 TURPENTINE
 VARNISHES

PAIR PRODUCTION

GS PARTICLE PRODUCTION
 . **PAIR PRODUCTION**
 RT ELECTROMAGNETIC ABSORPTION
 ELECTRON EMISSION
 ELECTRON PHOTON CASCADES
 EMISSION
 HIGH ENERGY INTERACTIONS
 NUCLEAR REACTIONS
 PHOTOPRODUCTION
 POSITRON ANNIHILATION
 POSITRONS

PAKISTAN

RT ASIA
 BANGLADESH
 NATIONS

PALAPA A SATELLITE

PALAPA A SATELLITE
USE PALAPA 1 SATELLITE

PALAPA B SATELLITE
USE PALAPA 2 SATELLITE

PALAPA SATELLITES
GS SATELLITES
 . ARTIFICIAL SATELLITES
 . . COMMUNICATION SATELLITES
 **PALAPA SATELLITES**
 PALAPA 1 SATELLITE
 PALAPA 2 SATELLITE
 . EARTH SATELLITES
 . . COMMUNICATION SATELLITES
 **PALAPA SATELLITES**
 PALAPA 1 SATELLITE
 PALAPA 2 SATELLITE
RT INDONESIA
 INTERNATIONAL COOPERATION

PALAPA 1 SATELLITE
UF PALAPA A SATELLITE
GS SATELLITES
 . ARTIFICIAL SATELLITES
 . . COMMUNICATION SATELLITES
 PALAPA SATELLITES
 **PALAPA 1 SATELLITE**
 EARTH SATELLITES
 . . COMMUNICATION SATELLITES
 PALAPA SATELLITES
 **PALAPA 1 SATELLITE**
RT INDONESIA
 INTERNATIONAL COOPERATION

PALAPA 2 SATELLITE
UF PALAPA B SATELLITE
GS SATELLITES
 . ARTIFICIAL SATELLITES
 . . COMMUNICATION SATELLITES
 PALAPA SATELLITES
 **PALAPA 2 SATELLITE**
 EARTH SATELLITES
 . . COMMUNICATION SATELLITES
 PALAPA SATELLITES
 **PALAPA 2 SATELLITE**
RT INDONESIA
 INTERNATIONAL COOPERATION

PALEOBIOLOGY
RT ∞ BIOLOGY
 FOSSILS
 GEOCHEMISTRY
 GEOCHRONOLOGY
 PALEONTOLOGY

PALEOMAGNETISM
GS MAGNETIC FIELDS
 . **PALEOMAGNETISM**
MAGNETIC PROPERTIES
 . **PALEOMAGNETISM**
RT ARCHAEOLOGY
 CONES (VOLCANOES)
 CONTINENTAL DRIFT
 GEOLOGY
 GEOMAGNETISM
 GEOPHYSICS
 MARS VOLCANOES
 REMANENCE
 ROCKS
 VOLCANOES
 VOLCANOLOGY

PALEONTOLOGY
RT FORMATIONS
 FOSSILS
 GEOCHEMISTRY
 GEOCHRONOLOGY
 GEOLOGICAL SURVEYS
 GEOLOGY
 HISTORIES
 PALEOBIOLOGY
 PRECAMBRIAN PERIOD
 STRATIGRAPHY

PALLADIUM
GS CHEMICAL ELEMENTS
 . **PALLADIUM**
 METALS
 . TRANSITION METALS
 . . **PALLADIUM**

PALLADIUM ALLOYS
GS ALLOYS

PALLADIUM ALLOYS-(CONT.)
 . **PALLADIUM ALLOYS**

PALLADIUM COMPOUNDS
RT ∞ CHEMICAL COMPOUNDS
 ∞ COMPOUNDS
 METALS
 TRANSITION METALS

PALMAR SWEAT INDEX
RT PERSPIRATION
 STRESS (PHYSIOLOGY)
 STRESS (PSYCHOLOGY)

PALMGREN-MINER RULE
UF MINER RULE
GS RULES
 . **PALMGREN-MINER RULE**
RT FATIGUE LIFE

PALMITIC ACID
GS ACIDS
 . FATTY ACIDS
 . . **PALMITIC ACID**
 ALIPHATIC COMPOUNDS
 . FATTY ACIDS
 . . **PALMITIC ACID**
RT FATS

PALO VERDE VALLEY (CA)
GS VALLEYS
 . **PALO VERDE VALLEY (CA)**
RT CALIFORNIA
 DESERTS

PAM (MODULATION)
USE PULSE AMPLITUDE MODULATION

PAMPAS
GS LAND
 . PLAINS
 . . **PAMPAS**

PANAMA
RT CANALS
 CENTRAL AMERICA
 NATIONS

PANAMA CANAL ZONE
GS LANDFORMS
 . **PANAMA CANAL ZONE**
 REGIONS
 . **PANAMA CANAL ZONE**
RT CARIBBEAN SEA
 CENTRAL AMERICA
 UNITED STATES OF AMERICA

PANAVIA MILITARY AIRCRAFT
RT ∞ AIRCRAFT
 AIRCRAFT DESIGN
 FIGHTER AIRCRAFT
 ∞ MILITARY AIRCRAFT
 VARIABLE SWEEP WINGS
 WEAPON SYSTEMS

PANCREAS
GS ANATOMY
 . GLANDS (ANATOMY)
 . . ENDOCRINE GLANDS
 **PANCREAS**
 DIGESTIVE SYSTEM
 . **PANCREAS**
 VISCERA
 . ENDOCRINE GLANDS
 . . **PANCREAS**
RT DIABETES MELLITUS
 GASTROINTESTINAL SYSTEM
 TRYPSIN

PANEL FLUTTER
GS VIBRATION
 . STRUCTURAL VIBRATION
 . . FLUTTER
 . . . **PANEL FLUTTER**
 . . . SELF INDUCED VIBRATION
 . . . **PANEL FLUTTER**
RT AERODYNAMIC NOISE
 AEROELASTICITY
 BENDING VIBRATION

PANEL METHOD (FLUID DYNAMICS)
GS PROCEDURES
 . **PANEL METHOD (FLUID DYNAMICS)**
 BERNOULLI THEOREM
RT BOUNDARY LAYERS
 COMPUTATIONAL FLUID DYNAMICS

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PANEL METHOD (FLUID DYNAMICS)-(CONT.)
FINITE ELEMENT METHOD
 ∞ FLOW
 FLOW THEORY
 FLUID DYNAMICS
 GAS-SOLID INTERACTIONS
 TURBULENCE

PANELS
SN (EXCLUDES GROUPS OF PEOPLE)
GS **PANELS**
 . CURVED PANELS
 . RECTANGULAR PANELS
 . WING PANELS
RT BAFFLES
 CEILINGS (ARCHITECTURE)
 ∞ CONSTRUCTION MATERIALS
 DIVIDERS
 FLAT PLATES
 ∞ PLATES
 ∞ SHEETS
 SHIELDING
 THIN PLATES
 WALLS

PANIC
RT EMOTIONAL FACTORS
 EMOTIONS
 FEAR
 HUMAN BEHAVIOR

PANORAMIC CAMERAS
GS OPTICAL EQUIPMENT
 . CAMERAS
 . . **PANORAMIC CAMERAS**
 PHOTOGRAPHIC EQUIPMENT
 . CAMERAS
 . . **PANORAMIC CAMERAS**
RT CAMERA SHUTTERS
 FOCUSING
 LENSES
 PHOTOGRAPHY
 WIDE ANGLE LENSES

PANORAMIC SCANNING
GS SCANNING
 . **PANORAMIC SCANNING**
RT CONICAL SCANNING
 FREQUENCY SCANNING
 MULTISPECTRAL BAND SCANNERS
 RADAR SCANNING
 SCANNERS
 SEARCHING
 SURVEILLANCE

PANSPERMIA
RT ABIOGENESIS
 AEROSPACE ENVIRONMENTS
 BACTERIA
 BIOLOGICAL EVOLUTION
 EXOBIOLGY
 EXTRATERRESTRIAL LIFE
 FUNGI

PANT PROGRAM
UF ABLATED NOSETIPS
 PASSIVE NOSETIP TECHNOLOGY
GS PROGRAMS
 . **PANT PROGRAM**

PANTAR CHONDRITES
GS CELESTIAL BODIES
 . METEORITES
 . . STONY METEORITES
 . . . CHONDRITES
 **PANTAR CHONDRITES**

PANTHER AIRCRAFT
USE F-9 AIRCRAFT

PAPAIN
GS ACIDS
 . AMINO ACIDS
 . . **PAPAIN**
 ENZYMES
 . **PAPAIN**
 ORGANIC COMPOUNDS
 . AMINO ACIDS
 . . **PAPAIN**
RT PEPSIN

PAPER (MATERIAL)
RT BOARDS (PAPER)
 KRAFT PROCESS (WOODPULP)

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PAPER (MATERIAL)-(CONT.)

∞ MATERIALS
ORGANIC MATERIALS
WEBS (SHEETS)
WOOD

PAPER CHROMATOGRAPHY

GS CHEMICAL TESTS
. CHEMICAL ANALYSIS
. . . **PAPER CHROMATOGRAPHY**
CHROMATOGRAPHY
RT **PAPER CHROMATOGRAPHY**
GAS CHROMATOGRAPHY
LIQUID CHROMATOGRAPHY

PAPERS

GS DOCUMENTS
. **PAPERS**
RT BOARDS (PAPER)
FIBERS
∞ FILMS
LAMINATES
LITERATURE
PRESIDENTIAL REPORTS
PRIVACY
PROCEEDINGS
REPORTS
∞ SHEETS
WEBS (SHEETS)

PAPILLAE

RT PROTUBERANCES

PARA HYDROGEN

GS CHEMICAL ELEMENTS
. HYDROGEN
. . . **PARA HYDROGEN**
GASES
. HYDROGEN
. . . **PARA HYDROGEN**
RT ORTHO PARA CONVERSION

PARABOLAS

GS GEOMETRY
. EUCLIDEAN GEOMETRY
. . . ANALYTIC GEOMETRY
. . . CONICS
. . . . **PARABOLAS**

PARABOLIC ANTENNAS

GS ANTENNAS
. DIRECTIONAL ANTENNAS
. . . **PARABOLIC ANTENNAS**
RT ANTENNA DESIGN
CASSEGRAIN ANTENNAS
HORN ANTENNAS
MICROWAVE ANTENNAS
RADAR ANTENNAS
RADAR EQUIPMENT
RADAR REFLECTORS

PARABOLIC BODIES

UF PARABOLOIDS
GS SYMMETRICAL BODIES
. BODIES OF REVOLUTION
. . . **PARABOLIC BODIES**

PARABOLIC DIFFERENTIAL EQUATIONS

GS ANALYSIS (MATHEMATICS)
. REAL VARIABLES
. . . DIFFERENTIAL EQUATIONS
. . . PARTIAL DIFFERENTIAL EQUATIONS
. . . . **PARABOLIC DIFFERENTIAL EQUATIONS**

PARABOLIC FLIGHT

RT ASCENT TRAJECTORIES
BALLISTIC TRAJECTORIES
CLIMBING FLIGHT
COASTING FLIGHT
DESCENT TRAJECTORIES
∞ FLIGHT
MIDCOURSE TRAJECTORIES
MISSILE TRAJECTORIES
SUBORBITAL FLIGHT
TRAJECTORIES
WEIGHTLESSNESS
WEIGHTLESSNESS SIMULATION

PARABOLIC REFLECTORS

UF DISHES
GS REFLECTORS
. **PARABOLIC REFLECTORS**
. . . PARABOLOID MIRRORS

PARABOLIC REFLECTORS-(CONT.)

RT MICROWAVE ANTENNAS
RADAR REFLECTORS
SCHWARZSCHILD ANTENNAS
SOLAR REFLECTORS

PARABOLIC VELOCITY

USE ESCAPE VELOCITY

PARABOLOID MIRRORS

GS MIRRORS
. **PARABOLOID MIRRORS**
REFLECTORS
. PARABOLIC REFLECTORS
. . . **PARABOLOID MIRRORS**
RT REFLECTING TELESCOPES
SOLAR REFLECTORS

PARABOLOIDS

USE PARABOLIC BODIES

PARACHUTE DESCENT

UF PARACHUTING
GS DESCENT
. **PARACHUTE DESCENT**
RT BAILOUT
EJECTION
EJECTION TRAINING
ESCAPE (ABANDONMENT)
FREE FALL
PARACHUTES

PARACHUTE FABRICS

GS FABRICS
. **PARACHUTE FABRICS**
RT FORTISAN (TRADEMARK)
GORES
PARACHUTES

PARACHUTES

GS **PARACHUTES**
. DRAG CHUTES
. RECOVERY PARACHUTES
. RIBBON PARACHUTES
. ROTOCHUTES
RT AIR DROP OPERATIONS
AIRBORNS
BALLUTES
BRAKES (FOR ARRESTING MOTION)
FOLDING STRUCTURES
PARACHUTE DESCENT
PARACHUTE FABRICS
PARACONE
PARAVULCOONS
PARAWINGS
TOWED BODIES

PARACHUTING

USE PARACHUTE DESCENT

PARACHUTING INJURY

GS INJURIES
. **PARACHUTING INJURY**

PARACONE

RT ESCAPE CAPSULES
ESCAPE SYSTEMS
PARACHUTES

PARADOXES

GS KNOWLEDGE
. PHILOSOPHY
. . . **PARADOXES**
RT ∞ LOGIC
RELATIVITY

PARAFFINS

GS ALIPHATIC COMPOUNDS
. ALKANES
. . . **PARAFFINS**
. . . CERESIN
HYDROCARBONS
. ALKANES
. . . **PARAFFINS**
. . . CERESIN
RT HYDROCARBON FUELS
KEROSENE
SHALE OIL

PARAGLIDERS

GS GLIDERS
. **PARAGLIDERS**
. . . INFLATABLE GLIDERS
. . . PARAWINGS

PARAMAGNETIC RESONANCE

PARAGLIDERS-(CONT.)

RT FOLDING STRUCTURES
HYPERSONIC GLIDERS
∞ SUBSONIC AIRCRAFT

PARAGUAY

RT NATIONS
SOUTH AMERICA

PARALLAX

GS **PARALLAX**
. SOLAR PARALLAX
. STELLAR PARALLAX
RT ASTROMETRY
COMPANION STARS
∞ OPTICS

PARALLEL COMPUTERS

GS DATA PROCESSING EQUIPMENT
. COMPUTERS
. . . DIGITAL COMPUTERS
. . . **PARALLEL COMPUTERS**

PARALLEL FLOW

GS FLUID FLOW
. **PARALLEL FLOW**
. . PIPE FLOW
. . THREE DIMENSIONAL FLOW
RT FLOW GEOMETRY
FLOW VELOCITY
FLUID DYNAMICS
LAMINAR FLOW
STEADY FLOW

PARALLEL PLATES

RT CAPACITORS
∞ CHANNELS
FLAT PLATES
METAL PLATES
∞ PLATES
THIN PLATES
WAVEGUIDES

PARALLEL PROCESSING (COMPUTERS)

GS DATA PROCESSING
. **PARALLEL PROCESSING (COMPUTERS)**
RT ASSOCIATIVE PROCESSING
(COMPUTERS)
ILLIAC 3 COMPUTER
ILLIAC 4 COMPUTER
INTERPROCESSOR COMMUNICATION

PARALLEL PROGRAMMING

GS COMPUTER PROGRAMMING
. **PARALLEL PROGRAMMING**
RT MULTIPROCESSING (COMPUTERS)
PIPELINING (COMPUTERS)

PARALLEL STRIP LINES

USE MICROSTRIP TRANSMISSION LINES

PARALLELEPIPEDS

GS GEOMETRY
. EUCLIDEAN GEOMETRY
. . . POLYHEDRONS
. . . **PARALLELEPIPEDS**

PARALLELOGRAMS

GS GEOMETRY
. EUCLIDEAN GEOMETRY
. . . POLYGONS
. . . TETRAGONS
. . . **PARALLELOGRAMS**
. . . . RHOMBOIDS

PARALYSIS

GS DISEASES
. **PARALYSIS**
INJURIES
RT **PARALYSIS**
TREMORS

PARAMAGNETIC AMPLIFIERS

USE MASERS

PARAMAGNETIC RESONANCE

GS RESONANCE
. MAGNETIC RESONANCE
. . . **PARAMAGNETIC RESONANCE**
. . . ELECTRON PARAMAGNETIC
RESONANCE
RT ABSORPTION SPECTRA
FERROMAGNETIC RESONANCE
NUCLEAR MAGNETIC RESONANCE

PARAMAGNETISM

PARAMAGNETIC RESONANCE-(CONT.) PARAMAGNETISM

PARAMAGNETISM

- GS MAGNETIC PROPERTIES
- . PARAMAGNETISM
- RT ANTIFERROMAGNETISM
- CURIE-WEISS LAW
- DIAMAGNETISM
- PARAMAGNETIC RESONANCE

PARAMECIA

- GS ANIMALS
- . INVERTEBRATES
- . . . PROTOZOA
- PARAMECIA
- ROTIFERA
- MICROORGANISMS
- . PROTOZOA
- . . . PARAMECIA
- ROTIFERA

PARAMETER IDENTIFICATION

- GS ESTIMATING
- . PARAMETER IDENTIFICATION
- IDENTIFYING
- . PARAMETER IDENTIFICATION
- PARAMETERIZATION
- . PARAMETER IDENTIFICATION
- RT COMPLEX SYSTEMS
- DYNAMIC RESPONSE
- ESTIMATES
- INDEPENDENT VARIABLES
- LEAST SQUARES METHOD
- MATHEMATICAL MODELS
- MAXIMUM LIKELIHOOD ESTIMATES
- OBSERVABILITY (SYSTEMS)
- OPTIMAL CONTROL
- OPTIMIZATION
- PREDICTION ANALYSIS TECHNIQUES
- PROBABILITY THEORY
- STATISTICAL ANALYSIS
- STEEPEST DESCENT METHOD
- SYSTEM IDENTIFICATION
- SYSTEMS ANALYSIS
- SYSTEMS ENGINEERING

PARAMETERIZATION

- GS PARAMETERIZATION
- . PARAMETER IDENTIFICATION
- RT ALGORITHMS
- ∞ APPLICATIONS OF MATHEMATICS
- DEPENDENT VARIABLES
- DERIVATION
- DIMENSIONAL ANALYSIS
- ∞ ESTIMATORS
- FORMALISM
- FORMULATIONS
- MATHEMATICAL MODELS
- SCALE EFFECT
- SEMIEMPIRICAL EQUATIONS
- SYSTEM IDENTIFICATION
- UNITS OF MEASUREMENT

PARAMETERS

- USE INDEPENDENT VARIABLES

PARAMETRIC AMPLIFIERS

- UF PARAMETRIC OSCILLATORS
- GS AMPLIFIERS
- . PARAMETRIC AMPLIFIERS
- RT FREQUENCY CONVERTERS
- LC CIRCUITS
- MAGNETOSTATIC AMPLIFIERS
- MICROWAVE AMPLIFIERS
- NEGATIVE RESISTANCE DEVICES
- POWER AMPLIFIERS
- SEMICONDUCTOR DEVICES

PARAMETRIC DIODES

- GS ELECTRONIC EQUIPMENT
- . DIODES
- . . SEMICONDUCTOR DIODES
- . . . PARAMETRIC DIODES
- SOLID STATE DEVICES
- SEMICONDUCTOR DEVICES
- PARAMETRIC DIODES
- RT VARACTOR DIODES

PARAMETRIC FREQUENCY CONVERTERS

- GS FREQUENCY CONVERTERS
- . PARAMETRIC FREQUENCY
- CONVERTERS
- RT ∞ CONVERTERS
- PHASE MODULATION

PARAMETRIC FREQUENCY-(CONT.) UP-CONVERTERS

PARAMETRIC OSCILLATORS

- USE PARAMETRIC AMPLIFIERS

PARAMETRONS

- RT COMPUTER STORAGE DEVICES
- MAGNETIC CORES
- MAGNETIC STORAGE
- OSCILLATORS
- PHASE LOCK DEMODULATORS
- THIN FILMS

PARANASAL SINUSES

- GS SINUSES
- . PARANASAL SINUSES
- RT NOSE (ANATOMY)

PARAPLASTS

- GS PLASTERS
- . PARAPLASTS
- RT RESINS

PARAPSYCHOLOGY

- USE EXTRASENSORY PERCEPTION

PARASITES

- RT ANIMALS
- BLIGHT
- INFESTATION

PARASITIC DISEASES

- GS DISEASES
- . PARASITIC DISEASES
- . . BLIGHT
- RT AIRBORNE INFECTION
- AMOEBA
- ANTHELMINTICS
- CHOLERA
- FUNGI
- INFECTIOUS DISEASES
- RUST FUNGI
- TRYPANOSOME

PARATHYROID GLAND

- GS ANATOMY
- . GLANDS (ANATOMY)
- . . ENDOCRINE GLANDS
- . . . PARATHYROID GLAND
- VISCERA
- . ENDOCRINE GLANDS
- . . . PARATHYROID GLAND
- RT CALCIUM METABOLISM

PARAVULCOONS

- GS BRAKES (FOR ARRESTING MOTION)
- . AERODYNAMIC BRAKES
- . . PARAVULCOONS
- DRAG DEVICES
- . AERODYNAMIC BRAKES
- . . . PARAVULCOONS
- EXPANDABLE STRUCTURES
- . INFLATABLE STRUCTURES
- . . . PARAVULCOONS
- RT AIR DROP OPERATIONS
- BALLOONS
- FOLDING STRUCTURES
- PARACHUTES

PARAWINGS

- GS AIRFOILS
- . WINGS
- . . FLEXIBLE WINGS
- . . . PARAWINGS
- GLIDERS
- . PARAGLIDERS
- . . PARAWINGS
- RT AIR DROP OPERATIONS
- FOLDING STRUCTURES
- HANG GLIDERS
- PARACHUTES

PARENTERAL FUNCTIONS

- RT ∞ FUNCTIONS

PARENTS

- RT CHILDREN
- HUMAN BEINGS

PARITY

- RT BCH CODES
- CODING
- CONSERVATION

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PARITY-(CONT.)

- CORRECTION
- EQUIVALENCE
- ERROR DETECTION CODES
- INFORMATION THEORY
- NUCLEAR PHYSICS
- PARTICLE SPIN
- QUANTUM NUMBERS
- QUANTUM THEORY
- STRANGENESS
- VECTOR CURRENTS

∞ PARKING

- SN (USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)
- RT PARKING ORBITS
- RAMPS (STRUCTURES)

PARKING ORBITS

- GS ORBITS
- . SPACECRAFT ORBITS
- . . SATELLITE ORBITS
- . . . PARKING ORBITS
- RT EARTH ORBITS
- EARTH-MOON TRAJECTORIES
- FLIGHT OPTIMIZATION
- INTERPLANETARY TRAJECTORIES
- LUNAR ORBITS
- LUNAR TRAJECTORIES
- ORBITAL MECHANICS
- ∞ PARKING
- PLANETARY ORBITS
- SATELLOIDS
- THRUST PROGRAMMING
- TRANSFER ORBITS

PARKINSON DISEASE

- GS DISEASES
- . PARKINSON DISEASE
- RT TREMORS

PARKS

- GS LAND
- . PARKS
- . . NATIONAL PARKS
- . . . YELLOWSTONE NATIONAL PARK (ID-MT-WY)
- RT RECREATION
- REGIONAL PLANNING
- URBAN DEVELOPMENT
- URBAN PLANNING

PAROTID GLAND

- USE SALIVARY GLANDS

PARSING ALGORITHMS

- GS MATHEMATICAL LOGIC
- . ALGORITHMS
- . . PARSING ALGORITHMS
- RT COMPILERS
- COMPUTER TECHNIQUES
- GRAMMARS
- SEMANTICS
- SUBROUTINES
- SYNTAX

PARTIAL DIFFERENTIAL EQUATIONS

- GS ANALYSIS (MATHEMATICS)
- . REAL VARIABLES
- . . DIFFERENTIAL EQUATIONS
- . . . PARTIAL DIFFERENTIAL EQUATIONS
- BIHARMONIC EQUATIONS
- BURGER EQUATION
- ELLIPTIC DIFFERENTIAL EQUATIONS
- MONGE-AMPERE EQUATION
- EULER-CAUCHY EQUATIONS
- FOKKER-PLANCK EQUATION
- GAUSS EQUATION
- HELMHOLTZ VORTICITY EQUATION
- LIQUILLE EQUATIONS
- PARABOLIC DIFFERENTIAL EQUATIONS
- VLASOV EQUATIONS
- RT BOLTZMANN-VLASOV EQUATION
- CAUCHY-RIEMANN EQUATIONS
- FUNCTIONAL INTEGRATION
- KINETIC EQUATIONS
- LAPLACE EQUATION
- METHOD OF CHARACTERISTICS
- NEUMANN PROBLEM
- POISSON EQUATION
- WAVE EQUATIONS

PARTIAL PRESSURE

GS PRESSURE
 . PARTIAL PRESSURE
 . . OXYGEN TENSION
 . . . HYPOXEMIA
 RT DALTON LAW
 GAS PRESSURE
 HENRY LAW
 INTERNAL PRESSURE
 RAOULT LAW
 RESIDUAL GAS
 ∞ TENSION
 VAPOR PRESSURE

PARTICLE ACCELERATION

GS RATES (PER TIME)
 . ACCELERATION (PHYSICS)
 . . PARTICLE ACCELERATION
 RT ELECTROMAGNETIC ACCELERATION
 MAGNETIC FIELDS
 PLASMA ACCELERATION
 RACETRACKS (PARTICLE ACCELERATORS)

PARTICLE ACCELERATOR TARGETS

GS TARGETS
 . PARTICLE ACCELERATOR TARGETS
 RT TARGET THICKNESS

PARTICLE ACCELERATORS

GS PARTICLE ACCELERATORS
 . CYCLIC ACCELERATORS
 . . BETATRONS
 . . SYNCHROCYCLOTRONS
 . . SYNCHROTRONS
 . . BEVATRON
 . . . STORAGE RINGS (PARTICLE ACCELERATORS)
 . CYCLOTRONS
 . . GEOCYCLOTRONS
 . . MICROTRONS
 . . OAK RIDGE ISOCRONOUS CYCLOTRON
 . . OMEGATRONS
 . . SYNCHROCYCLOTRONS
 . ELECTRON ACCELERATORS
 . . BETATRONS
 . ION ACCELERATORS
 . LINEAR ACCELERATORS
 . NIMROD ACCELERATOR
 . SYNCHROPHASOTRONS
 . VAN DE GRAAFF ACCELERATORS
 RT ∞ ACCELERATORS
 BEAM SPLITTERS
 ELECTRON GUNS
 ELEMENTARY PARTICLES
 ION SOURCES
 KAON PRODUCTION
 NEUTRON SOURCES
 NUCLEAR PARTICLES
 RACETRACKS (PARTICLE ACCELERATORS)
 RAILGUN ACCELERATORS
 SEPAC (PAYLOAD)

PARTICLE BEAMS

GS BEAMS (RADIATION)
 . PARTICLE BEAMS
 . . ATOMIC BEAMS
 . . ELECTRON BEAMS
 . . . RELATIVISTIC ELECTRON BEAMS
 . . ION BEAMS
 . . NEUTRAL BEAMS
 . . . MOLECULAR BEAMS
 . . . NEUTRON BEAMS
 . . NEUTRINO BEAMS
 . . PION BEAMS
 . . PROTON BEAMS
 RT BEAM SPLITTERS
 ELECTRON ACCELERATION
 ELECTRON BOMBARDMENT
 FLUX (RATE)
 ION STRIPPING
 PHONON BEAMS

PARTICLE CHARGING

RT CHARGED PARTICLES

PARTICLE COLLISIONS

GS COLLISIONS
 . PARTICLE COLLISIONS
 RT ATOMIC COLLISIONS
 ATOMIC EXCITATIONS
 DENSE PLASMAS
 FADDEEV EQUATIONS

PARTICLE COLLISIONS-(CONT.)

KINETICS
 MEAN FREE PATH
 MOLECULAR COLLISIONS
 MOLECULAR EXCITATION
 NUCLEON-NUCLEON SCATTERING
 SCATTERING

PARTICLE COUNTERS

USE RADIATION COUNTERS

PARTICLE DECAY

USE RADIOACTIVE DECAY

PARTICLE DENSITY (CONCENTRATION)

GS DENSITY (NUMBER/VOLUME)
 . PARTICLE DENSITY (CONCENTRATION)
 . . ELECTRON DENSITY (CONCENTRATION)
 . . . CARRIER DENSITY (SOLID STATE)
 . . . ELECTRON DENSITY PROFILES
 . . . IONOSPHERIC ELECTRON DENSITY
 . . . MAGNETOSPHERIC ELECTRON DENSITY
 . . . ELECTRON DISTRIBUTION
 . . . ELECTRON DENSITY PROFILES
 . . . ION DENSITY (CONCENTRATION)
 . . . IONOSPHERIC ION DENSITY
 . . . MAGNETOSPHERIC ION DENSITY
 . . . MAGNETOSPHERIC PROTON DENSITY
 . . . PROTON DENSITY (CONCENTRATION)
 MAGNETOSPHERIC PROTON DENSITY
 RT . PLASMA DENSITY
 ATMOSPHERIC DENSITY
 ESRO 4 SATELLITE
 ION STRIPPING
 IONOSPHERIC COMPOSITION
 SPACE DENSITY
 SPATIAL DISTRIBUTION

PARTICLE DETECTORS

USE RADIATION COUNTERS

PARTICLE DIFFUSION

GS DIFFUSION
 . PARTICLE DIFFUSION
 . . ELECTRON DIFFUSION
 . . IONIC DIFFUSION
 RT ATOMIC BEAMS
 BOLTZMANN TRANSPORT EQUATION
 DIFFUSION COEFFICIENT
 DROP SIZE
 FLUX (RATE)
 GASEOUS SELF-DIFFUSION
 MOLECULAR DIFFUSION
 MUON SPIN ROTATION
 SELF DIFFUSION (SOLID STATE)

PARTICLE EMISSION

GS DECAY
 . EMISSION
 . . PARTICLE EMISSION
 . . . ELECTRON EMISSION
 FIELD EMISSION
 PHOTOELECTRIC EMISSION
 SECONDARY EMISSION
 . . . ION EMISSION
 . . . NEUTRON EMISSION
 . . . THERMIONIC EMISSION
 RT EXHAUST EMISSION
 EXPULSION
 SELF SUSTAINED EMISSION
 STIMULATED EMISSION

PARTICLE ENERGY

GS PARTICLE ENERGY
 . ELECTRON ENERGY
 . . ELECTRON STATES
 . . PROTON ENERGY
 RT ∞ ENERGY
 INTERNAL ENERGY
 KINETIC ENERGY
 MONOCHROMATIZATION
 ∞ PARTICLE INTENSITY

PARTICLE FLUX

USE FLUX (RATE)

PARTICLE FLUX DENSITY

SN (PARTICLE EMISSION OR DETECTION RATE PER UNIT AREA)

PARTICLE FLUX DENSITY-(CONT.)

GS RATES (PER TIME)
 . FLUX DENSITY
 . . RADIANT FLUX DENSITY
 . . . PARTICLE FLUX DENSITY
 ELECTRON FLUX DENSITY
 NEUTRON FLUX DENSITY
 PROTON FLUX DENSITY
 RT HELIOS SATELLITES
 ∞ PARTICLE INTENSITY
 RADIANCY
 RADIATION COUNTERS
 RADIATION PRESSURE
 SOLAR CONSTANT
 SOLAR FLUX DENSITY

PARTICLE IN CELL TECHNIQUE

GS ANALYSIS (MATHEMATICS)
 . NUMERICAL ANALYSIS
 . . APPROXIMATION
 . . . PARTICLE IN CELL TECHNIQUE
 RT ∞ CELLS
 CRYSTAL LATTICES
 FLOW EQUATIONS
 ∞ METHODOLOGY

∞ PARTICLE INTENSITY

SN (USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)
 RT PARTICLE ENERGY
 PARTICLE FLUX DENSITY

PARTICLE INTERACTIONS

GS PARTICLE INTERACTIONS
 . CONFIGURATION INTERACTION
 . ELEMENTARY PARTICLE INTERACTIONS
 . . MESON-MESON INTERACTIONS
 . . MESON-NUCLEON INTERACTIONS
 . . NUCLEAR CAPTURE
 . . . ELECTRON CAPTURE
 . . . NUCLEON-NUCLEON INTERACTIONS
 . . ION ATOM INTERACTIONS
 . . MOLECULAR INTERACTIONS
 . . INTERSTELLAR CHEMISTRY
 . . MOLECULAR COLLISIONS
 . . NUCLEAR INTERACTIONS
 . . . NUCLEAR CAPTURE
 . . . ELECTRON CAPTURE
 . . . SPIN-ORBIT INTERACTIONS
 . . . ELECTRON CAPTURE
 . . . STRONG INTERACTIONS (FIELD THEORY)
 . . . WEAK INTERACTIONS (FIELD THEORY)
 . . WEAK ENERGY INTERACTIONS
 . . WEAK INTERACTIONS (FIELD THEORY)
 RT BRAGG CURVE
 CHARM (PARTICLE PHYSICS)
 CHEMICAL REACTIONS
 COLLISION PARAMETERS
 ELECTRON PHONON INTERACTIONS
 ELECTRON SCATTERING
 FEYNMAN DIAGRAMS
 HIGH ENERGY INTERACTIONS
 ∞ INTERACTIONS
 NEUTRAL CURRENTS
 NUCLEAR REACTIONS
 PHOTONUCLEAR REACTIONS
 QUANTUM CHROMODYNAMICS
 SPHINX

PARTICLE MASS

GS MASS
 . PARTICLE MASS
 . . ELECTRON MASS
 RT MAGNETIC RIGIDITY
 NUCLIDES

PARTICLE MOTION

RT ELECTROPHORESIS
 FALLING
 LATTICE VIBRATIONS
 MAGNETIC RIGIDITY
 MEAN FREE PATH
 ∞ MOTION
 NEUTRAL SHEETS
 RECOILINGS
 RELATIVISTIC VELOCITY
 SETTLING

PARTICLE PRECIPITATION

GS PARTICLE PRECIPITATION

PARTICLE PRODUCTION

PARTICLE PRECIPITATION-(CONT.)

- . ELECTRON PRECIPITATION
- . PROTON PRECIPITATION
- RT ATOMIC STRUCTURE
- CHARGED PARTICLES
- ∞ PRECIPITATION

PARTICLE PRODUCTION

- GS **PARTICLE PRODUCTION**
- . KAON PRODUCTION
- . PAIR PRODUCTION
- RT COMMUNION
- CORPUSCULAR RADIATION
- HIGH ENERGY INTERACTIONS
- NUCLEAR RADIATION
- NUCLEAR REACTIONS
- PARTICLES
- RADIOACTIVITY
- SPALLATION

PARTICLE SIZE DISTRIBUTION

- GS SIZE DISTRIBUTION
- . **PARTICLE SIZE DISTRIBUTION**
- RT DIMENSIONS
- DROP SIZE
- FINENESS
- FINES
- FRACTIONS
- PARTICLES
- PRECIPITATION PARTICLE
- MEASUREMENT
- SIZE DETERMINATION
- SIZE SEPARATION
- SOLIDS FLOW

PARTICLE SPIN

- GS SPIN
- . **PARTICLE SPIN**
- . ELECTRON SPIN
- . ISOTOPIC SPIN
- . NUCLEAR SPIN
- RT ANGULAR MOMENTUM
- MUON SPIN ROTATION
- NUCLEAR MAGNETIC RESONANCE
- NUCLEAR PHYSICS
- PARITY
- QUENCHING (ATOMIC PHYSICS)
- SPIN RESONANCE

PARTICLE TELESCOPES

- UF ELECTRON TELESCOPES
- GEP TELESCOPES
- GODDARD EXPERIMENT PACKAGE
- TELESCOPE
- PROTON TELESCOPES
- GS MEASURING INSTRUMENTS
- COUNTERS
- . RADIATION COUNTERS
- . **PARTICLE TELESCOPES**
- . RADIATION MEASURING INSTRUMENTS
- . RADIATION COUNTERS
- . **PARTICLE TELESCOPES**
- TELESCOPES
- . **PARTICLE TELESCOPES**
- RT ASTRONOMICAL TELESCOPES
- GEIGER COUNTERS
- SATELLITE-BORNE INSTRUMENTS
- SCINTILLATION COUNTERS

PARTICLE THEORY

- RT BODY KINEMATICS
- CHARM (PARTICLE PHYSICS)
- COLLISION PARAMETERS
- ∞ INTERACTIONS
- MANY BODY PROBLEM
- PLASMA-PARTICLE INTERACTIONS
- ∞ THEORIES
- WEAK ENERGY INTERACTIONS

PARTICLE TRACKS

- RT CHEMICAL ANALYSIS
- CORE SAMPLING
- COSMIC RAYS
- FOSSILS
- GEOCHRONOLOGY
- LUNAR ROCKS
- METEORIODS
- NUCLEAR PARTICLES
- RADIATION EFFECTS
- STRATIGRAPHY
- TRACE ELEMENTS
- ∞ TRACKS

PARTICLE TRAJECTORIES

- GS TRAJECTORIES

PARTICLE TRAJECTORIES-(CONT.)

- . **PARTICLE TRAJECTORIES**
- . ELECTRON TRAJECTORIES
- RT BUBBLE CHAMBERS
- CHARGED PARTICLES
- ELECTRON OPTICS
- IONIZING RADIATION
- ∞ MOTION
- ∞ PATHS
- RACETRACKS (PARTICLE
- ACCELERATORS)
- ∞ TRACKS

PARTICLES

- GS **PARTICLES**
- . AEROSOLS
- . FOG
- . CHARGED PARTICLES
- . ANIONS
- . ANTIPROTONS
- . CATIONS
- . METAL IONS
- . FERRIC IONS
- . MANGANESE IONS
- . ENERGETIC PARTICLES
- . ELECTRONS
- . CONDUCTION ELECTRONS
- . HIGH ENERGY ELECTRONS
- . HOT ELECTRONS
- . N ELECTRONS
- . NEGATONS
- . PI-ELECTRONS
- . NUCLEI (NUCLEAR PHYSICS)
- . PLASMAS (PHYSICS)
- . ARGON PLASMA
- . BETA PARTICLES
- . BOUNDARY LAYER PLASMAS
- . COLD PLASMAS
- . COLLISIONAL PLASMAS
- . STRONGLY COUPLED PLASMAS
- . COLLISIONLESS PLASMAS
- . COSMIC PLASMA
- . CYLINDRICAL PLASMAS
- . DENSE PLASMAS
- . PLASMA FOCUS
- . STRONGLY COUPLED PLASMAS
- . ELECTRON PLASMA
- . ELLIPTICAL PLASMAS
- . HELIUM PLASMA
- . HIGH TEMPERATURE PLASMAS
- . LASER PLASMAS
- . METALLIC PLASMAS
- . CESIUM PLASMA
- . MICROPLASMAS
- . NITROGEN PLASMA
- . NONEQUILIBRIUM PLASMAS
- . NONUNIFORM PLASMAS
- . RAREFIED PLASMAS
- . RELATIVISTIC PLASMAS
- . ROTATING PLASMAS
- . SOLAR WIND
- . SPHERICAL PLASMAS
- . STELLAR WINDS
- . THERMAL PLASMAS
- . MAGNETICALLY TRAPPED PARTICLES
- . RADIATION BELTS
- . ARTIFICIAL RADIATION BELTS
- . INNER RADIATION BELT
- . OUTER RADIATION BELT
- . PROTON BELTS
- . NEGATIVE IONS
- . PARTONS
- . PLASMA CLOUDS
- . PLASMA LAYERS
- . PLASMA SHEATHS
- . PLASMA SLABS
- . POSITRONS
- . PROTONS
- . RECOIL PROTONS
- . SOLAR PROTONS
- . TOROIDAL PLASMAS
- . CORPUSCULAR RADIATION
- . CYCLOTRON RADIATION
- . ION CYCLOTRON RADIATION
- . ELECTRON PRECIPITATION
- . ELECTRON RADIATION
- . BETA PARTICLES
- . ELECTRON BEAMS
- . RELATIVISTIC ELECTRON BEAMS
- . PRIMARY COSMIC RAYS
- . SOLAR COSMIC RAYS
- . RADIATION BELTS
- . SOLAR CORPUSCULAR RADIATION
- . SOLAR ELECTRONS
- . SOLAR PROTONS
- . DROPS (LIQUIDS)

PARTICLES-(CONT.)

- . RAINDROPS
- . ELEMENTARY PARTICLES
- . ANTIPARTICLES
- . ANTINEUTRINOS
- . ANTINUCLEONS
- . ANTIPROTONS
- . POSITRONS
- . BETA PARTICLES
- . BOSONS
- . ALPHA PARTICLES
- . MESONS
- . ETA-MESONS
- . K-MESONS
- . KAONS
- . MESON RESONANCES
- . X MESONS
- . MUONS
- . PIONS
- . VECTOR MESONS
- . RHO-MESONS
- . SIGMA-MESONS
- . PHOTONS
- . LIGHT BEAMS
- . XI HYPERONS
- . DEUTERONS
- . FERMIONS
- . BARYON RESONANCES
- . BARYONS
- . HYPERONS
- . XI HYPERONS
- . OMEGA-MESONS
- . RHO-MESONS
- . SIGMA-MESONS
- . ETA-MESONS
- . LEPTONS
- . ANTINEUTRINOS
- . MUONS
- . NEUTRINOS
- . SOLAR NEUTRINOS
- . MESON RESONANCES
- . NEUTRONS
- . COLD NEUTRONS
- . FAST NEUTRONS
- . PHOTONEUTRONS
- . THERMAL NEUTRONS
- . PROTONS
- . RECOIL PROTONS
- . SOLAR PROTONS
- . GLUONS
- . GRAVITONS
- . HADRONS
- . BARYONS
- . OMEGA-MESONS
- . RHO-MESONS
- . SIGMA-MESONS
- . MESONS
- . K-MESONS
- . MUONS
- . OMEGA-MESONS
- . VECTOR MESONS
- . RHO-MESONS
- . SIGMA-MESONS
- . MAGNETIC MONOPOLES
- . NUCLEONS
- . PARTONS
- . QUARKS
- . TACHYONS
- . FLAKES
- . METAL PARTICLES
- . PLATINUM BLACK
- . POWDERED ALUMINUM
- . MICROPARTICLES
- . MIST
- . NEUTRAL PARTICLES
- . NEUTRONS
- . COLD NEUTRONS
- . FAST NEUTRONS
- . PHOTONEUTRONS
- . THERMAL NEUTRONS
- . NUCLEAR PARTICLES
- . ANTIPARTICLES
- . ANTINEUTRINOS
- . ANTINUCLEONS
- . ANTIPROTONS
- . POSITRONS
- . BETA PARTICLES
- . BOSONS
- . ALPHA PARTICLES
- . MESONS
- . ETA-MESONS
- . K-MESONS
- . KAONS
- . MESON RESONANCES
- . X MESONS
- . MUONS

PARTICLES-(CONT.)

... PIONS
 ... VECTOR MESONS
 ... RHO-MESONS
 ... SIGMA-MESONS
 ... PHOTONS
 ... XI HYPERONS
 ... NUCLEONS
 ... PHOTOELECTRONS
 ... PLASMA JETS
 ... POLLEN
 ... POWDER (PARTICLES)
 ... FINES
 ... PLATINUM BLACK
 ... POWDERED ALUMINUM
 ... RELATIVISTIC PARTICLES
 ... RELATIVISTIC ELECTRON BEAMS
 ... SOOT
 ... TRAPPED PARTICLES
 ... MAGNETICALLY TRAPPED PARTICLES
 ... RADIATION BELTS
 ... ARTIFICIAL RADIATION BELTS
 ... INNER RADIATION BELT
 ... OUTER RADIATION BELT
 ... PROTON BELTS

RT AIR POLLUTION
 CHEMICAL CLOUDS
 CLOUDS
 COLLOIDS
 DEUTERON IRRADIATION
 DIRT
 DISPERSIONS
 DUST
 GAS ATOMIZATION
 GRANULAR MATERIALS
 GRIT
 ION STRIPPING
 METAL POWDER
 NEUTRAL BEAMS
 NEUTRON BEAMS
 NODULES
 NONPOINT SOURCES
 PARTICLE PRODUCTION
 PARTICLE SIZE DISTRIBUTION
 POSITRON ANNIHILATION
 PRECIPITATION PARTICLE
 MEASUREMENT
 PROTON PRECIPITATION
 SMOKE

PARTICULATE FILTERS

USE FLUID FILTERS

PARTICULATE SAMPLING

GS SAMPLING
 . PARTICULATE SAMPLING
 RT ASSAYING
 CHEMICAL ANALYSIS
 CONCENTRATION (COMPOSITION)
 IDENTIFYING

∞PARTITIONS

SN (USE OF A MORE SPECIFIC TERM IS
 RECOMMENDED--CONSULT THE TERMS
 LISTED BELOW)

RT CURTAINS
 PARTITIONS (MATHEMATICS)
 PARTITIONS (STRUCTURES)
 SEPTUM

PARTITIONS (MATHEMATICS)

GS ANALYSIS (MATHEMATICS)
 . COMBINATORIAL ANALYSIS
 . PARTITIONS (MATHEMATICS)
 RT COMBINATIONS (MATHEMATICS)
 EQUIVALENCE
 ∞PARTITIONS
 PERMUTATIONS

PARTITIONS (STRUCTURES)

RT BULKHEADS
 CURTAINS
 ∞PARTITIONS
 THIN WALLS
 WALLS

PARTONS

GS PARTICLES
 . CHARGED PARTICLES
 . PARTONS
 . ELEMENTARY PARTICLES
 . PARTONS
 RT HADRONS
 LEPTONS
 QUARK PARTON MODEL

PARTONS-(CONT.)

QUARKS

PARTS

USE COMPONENTS

PAS

UF PERIGEE-APOGEE SATELLITES
 GS SATELLITES
 . ARTIFICIAL SATELLITES
 . PAS
 . EARTH SATELLITES
 . PAS
 RT ELLIPTICAL ORBITS
 TWENTY-FOUR HOUR ORBITS

PASCAL (PROGRAMMING LANGUAGE)

GS LANGUAGES
 . PROGRAMMING LANGUAGES
 . PASCAL (PROGRAMMING LANGUAGE)
 RT COMPILERS
 COMPUTER PROGRAMMING

PASCHEN SERIES

GS SPECTRA
 . RADIATION SPECTRA
 . ELECTROMAGNETIC SPECTRA
 . LINE SPECTRA
 . PASCHEN SERIES
 RT ABSORPTION SPECTRA
 ATOMIC SPECTRA
 ELECTRON TRANSITIONS
 EMISSION SPECTRA
 H LINES
 HYDROGEN

PASSAGEWAYS

GS PASSAGEWAYS
 . STRAITS
 . TORRES STRAIT
 . TRANSFER TUNNELS
 RT APPROACH
 CAVITIES
 CORRIDORS
 GAPS
 NOTCHES
 OPENINGS
 ∞PATHS
 ROADS
 ∞TUNNELS
 UNDERGROUND STRUCTURES
 VESTIBULES

PASSENGER AIRCRAFT

UF EXECUTIVE AIRCRAFT
 GS PASSENGER AIRCRAFT
 . AW 650 AIRCRAFT
 . BAC 111 AIRCRAFT
 . BO-105 HELICOPTER
 . BOEING 707 AIRCRAFT
 . BOEING 720 AIRCRAFT
 . BOEING 727 AIRCRAFT
 . BOEING 737 AIRCRAFT
 . BOEING 747 AIRCRAFT
 . BOEING 757 AIRCRAFT
 . BOEING 767 AIRCRAFT
 . BOEING 777 AIRCRAFT
 . BOLKOW 207 AIRCRAFT
 . BREGUET 941 AIRCRAFT
 . BREGUET 942 AIRCRAFT
 . C-33 AIRCRAFT
 . C-35 AIRCRAFT
 . C-46 AIRCRAFT
 . CESSNA 172 AIRCRAFT
 . CESSNA 205 AIRCRAFT
 . CESSNA 210 AIRCRAFT
 . CESSNA 336 AIRCRAFT
 . CESSNA 402B AIRCRAFT
 . CH-3 HELICOPTER
 . CH-46 HELICOPTER
 . CH-47 HELICOPTER
 . CH-54 HELICOPTER
 . COMET 4 AIRCRAFT
 . CV-340 AIRCRAFT
 . CV-440 AIRCRAFT
 . CV-880 AIRCRAFT
 . CV-990 AIRCRAFT
 . DC 8 AIRCRAFT
 . DC 10 AIRCRAFT
 . DH 121 AIRCRAFT
 . DH 125 AIRCRAFT
 . DO-27 AIRCRAFT
 . DO-28 AIRCRAFT
 . ELECTRA AIRCRAFT
 . EUROPEAN AIRBUS

PASSENGER AIRCRAFT-(CONT.)

. A-300 AIRCRAFT
 . F-27 AIRCRAFT
 . F-28 HELICOPTER
 . F-28 TRANSPORT AIRCRAFT
 . FIAT 7002 HELICOPTER
 . G-1 AIRCRAFT
 . G-222 AIRCRAFT
 . GY-80 AIRCRAFT
 . H-19 HELICOPTER
 . H-53 HELICOPTER
 . H-56 HELICOPTER
 . HE-211 AIRCRAFT
 . HFB-320 AIRCRAFT
 . HS-748 AIRCRAFT
 . IL-62 AIRCRAFT
 . JETSTREAM AIRCRAFT
 . L-1011 AIRCRAFT
 . L-1649 AIRCRAFT
 . L-2000 AIRCRAFT
 . MYSTERE 20 AIRCRAFT
 . OH-5 HELICOPTER
 . P-160 AIRCRAFT
 . P-166 AIRCRAFT
 . POTEZ 840 AIRCRAFT
 . RF-1 AIRCRAFT
 . SAAB 91 AIRCRAFT
 . SE-210 AIRCRAFT
 . SIAT 311 AIRCRAFT
 . T-39 AIRCRAFT
 . TU-104 AIRCRAFT
 . TU-124 AIRCRAFT
 . TU-134 AIRCRAFT
 . TU-144 AIRCRAFT
 . U-3 AIRCRAFT
 . U-10 AIRCRAFT
 . VA-3 GROUND EFFECT MACHINE
 . VC-10 AIRCRAFT
 . VISCOUNT AIRCRAFT
 . YAK 40 AIRCRAFT
 . YS-11 AIRCRAFT

RT ∞AIRCRAFT
 AN-22 AIRCRAFT
 AN-24 AIRCRAFT
 CARGO AIRCRAFT
 CIVIL AVIATION
 COMMERCIAL AIRCRAFT
 DC 7 AIRCRAFT
 DINFIA FA AIRCRAFT
 E-2 AIRCRAFT
 GENERAL AVIATION AIRCRAFT
 GROUND EFFECT MACHINES
 HC-3 HELICOPTER
 JET AIRCRAFT
 LIGHT AIRCRAFT
 LIGHT TRANSPORT AIRCRAFT
 ∞LOW WING AIRCRAFT
 M-218 AIRCRAFT
 MERCURE AIRCRAFT
 MH-260 AIRCRAFT
 MH-262 AIRCRAFT
 ∞MILITARY AIRCRAFT
 MYSTERE 50 AIRCRAFT
 N-2501 AIRCRAFT
 P-531 HELICOPTER
 PD-808 AIRCRAFT
 ROTARY WING AIRCRAFT
 SA-3210 HELICOPTER
 SAAB 105 AIRCRAFT
 SC-7 AIRCRAFT
 SHORT HAUL AIRCRAFT
 ∞SUBSONIC AIRCRAFT
 SUPERSONIC AIRCRAFT
 SUPERSONIC TRANSPORTS
 TRANSPORT AIRCRAFT
 TU-154 AIRCRAFT
 TURBOFAN AIRCRAFT
 TURBOPROP AIRCRAFT
 V/STOL AIRCRAFT
 WATER TAKEOFF AND LANDING
 AIRCRAFT

PASSENGERS

RT AIRLINE OPERATIONS
 AUTOMATED GUIDEWAY TRANSIT
 VEHICLES
 AUTOMATED MIXED TRAFFIC VEHICLES
 PAYLOADS
 RAPID TRANSIT SYSTEMS
 RIDING QUALITY
 TRANSPORTATION

PASSES

USE GAPS (GEOLOGY)

PASSIVATION

PASSIVATION

USE PASSIVITY

PASSIVE L-BAND RADIOMETERS

GS MEASURING INSTRUMENTS
 . RADIATION MEASURING INSTRUMENTS
 . . ACTINOMETERS
 . . . RADIOMETERS
 **PASSIVE L-BAND RADIOMETERS**
 RT MICROWAVE FREQUENCIES
 ULTRAHIGH FREQUENCIES

PASSIVE NOSETIP TECHNOLOGY

USE PANT PROGRAM

PASSIVE SATELLITES

UF REFLECTOR SATELLITES
 GS SATELLITES
 . ARTIFICIAL SATELLITES
 . . **PASSIVE SATELLITES**
 . . . BEACON SATELLITES
 BEACON EXPLORER A
 EXPLORER 22 SATELLITE
 . . . ECHO SATELLITES
 ECHO 1 SATELLITE
 ECHO 2 SATELLITE
 . . . LAGEOS (SATELLITE)
 . . . PAGEOS SATELLITE
 . EARTH SATELLITES
 . . **PASSIVE SATELLITES**
 . . . BEACON SATELLITES
 BEACON EXPLORER A
 EXPLORER 22 SATELLITE
 . . . ECHO SATELLITES
 ECHO 1 SATELLITE
 ECHO 2 SATELLITE
 . . . LAGEOS (SATELLITE)
 . . . PAGEOS SATELLITE
 UNMANNED SPACECRAFT
 . **PASSIVE SATELLITES**
 . . BEACON SATELLITES
 . . . BEACON EXPLORER A
 . . . EXPLORER 22 SATELLITE
 . . ECHO SATELLITES
 . . . ECHO 1 SATELLITE
 . . . ECHO 2 SATELLITE
 . . LAGEOS (SATELLITE)
 . . PAGEOS SATELLITE
 RT ACTIVE SATELLITES
 COMMUNICATION SATELLITES
 ECHO PROJECT
 GEODETIC SATELLITES
 NAVIGATION SATELLITES
 SYNCHRONOUS SATELLITES

PASSIVITY

UF PASSIVATION
 RT ANODIZING
 CHEMICAL ATTACK
 CHEMICAL PROPERTIES
 COATINGS
 CORROSION
 CORROSION PREVENTION
 CORROSION RESISTANCE
 DEACTIVATION
 ELECTROLYSIS
 ∞ INHIBITION
 INHIBITORS
 OXIDATION
 OXIDATION RESISTANCE
 RUSTING
 SILICONIZING

PASTE (CONSISTENCY)

RT MIXTURES

PASTES

GS ADHESIVES
 . **PASTES**
 RT GLUES
 PLASTERS

PASTEURIZING

GS HEATING
 . **PASTEURIZING**
 RT PURIFICATION
 STERILIZATION

PATCH TESTS

RT CONTACT DERMATITIS
 HYDRAULIC FLUIDS
 ∞ TESTS
 TUBERCULOSIS
 WEAR TESTS
 WELD STRENGTH

PATENT APPLICATIONS

RT COPYRIGHTS
 INVENTIONS
 LICENSING
 PATENTS
 PRODUCT DEVELOPMENT
 TECHNOLOGY UTILIZATION

PATENT POLICY

GS POLICIES
 . **PATENT POLICY**
 RT INVENTIONS
 PATENTS
 PRODUCT DEVELOPMENT
 REGULATIONS
 RULES

PATENTS

RT CLAIMING
 GRANTS
 INVENTIONS
 PATENT APPLICATIONS
 PATENT POLICY

PATHFINDER NUCLEAR REACTOR

GS NUCLEAR ELECTRIC POWER
 GENERATION
 . NUCLEAR POWER REACTORS
 . . **PATHFINDER NUCLEAR REACTOR**
 NUCLEAR REACTORS
 . LIQUID COOLED REACTORS
 . . WATER COOLED REACTORS
 . . . BOILING WATER REACTORS
 . . . **PATHFINDER NUCLEAR REACTOR**
 . NUCLEAR POWER REACTORS
 . . **PATHFINDER NUCLEAR REACTOR**

PATHOGENESIS

RT CHOLERA
 DISEASES
 PATHOGENS

PATHOGENS

RT BACTERIA
 CLOSTRIDIUM BOTULINUM
 PATHOGENESIS

PATHOLOGICAL EFFECTS

RT BIOLOGICAL EFFECTS
 CARBON MONOXIDE POISONING
 CHOLERA
 DISEASES
 ∞ EFFECTS
 PHYSIOLOGICAL RESPONSES
 ∞ STRESS (BIOLOGY)

PATHOLOGY

GS MEDICAL SCIENCE
 . **PATHOLOGY**
 . . HUMAN PATHOLOGY
 RT AUTOPSIES
 DIAGNOSIS
 DISSECTION
 HEMORRHAGES
 RADIATION THERAPY
 VETERINARY MEDICINE

∞ PATHS

SN *(USE OF A MORE SPECIFIC TERM IS
 RECOMMENDED--CONSULT THE TERMS
 LISTED BELOW)*
 UF COURSES
 LANES
 RT CRITICAL PATH METHOD
 DIFFRACTION PATHS
 DUALITY PRINCIPLE
 FLIGHT PATHS
 GROUND TRACKS
 MEAN FREE PATH
 METEOR TRAILS
 MULTIPATH TRANSMISSION
 NETWORK ANALYSIS
 OPERATIONS RESEARCH
 OPTICAL PATHS
 ORBITS
 PARTICLE TRAJECTORIES
 PASSAGEWAYS
 PERT
 ROUTES
 SOUND TRANSMISSION
 THERMODYNAMICS
 TRAJECTORIES

NASA THESAURUS (VOLUME 1)

PATIENTS

RT HUMAN BEINGS
 HUMAN PATHOLOGY
 THERAPY

PATRIOT MISSILE

GS MISSILES
 . SURFACE TO AIR MISSILES
 . . **PATRIOT MISSILE**
 RT MISSILE CONFIGURATIONS
 ∞ ROCKETS
 WEAPONS

PATROLS

RT RECONNAISSANCE

PATTERN DISTRIBUTION

USE DISTRIBUTION (PROPERTY)

PATTERN METHOD (FORECASTING)

GS FORECASTING
 . TECHNOLOGICAL FORECASTING
 . . **PATTERN METHOD (FORECASTING)**
 MANAGEMENT METHODS
 . **PATTERN METHOD (FORECASTING)**
 RT DELPHI METHOD (FORECASTING)
 ESTIMATING
 ∞ METHODOLOGY
 OPERATIONS RESEARCH
 PLANNING
 PREDICTIONS
 PROBE METHOD (FORECASTING)
 TECHNOLOGY ASSESSMENT

PATTERN RECOGNITION

UF AUTOMATIC PATTERN RECOGNITION
 GS RECOGNITION
 . **PATTERN RECOGNITION**
 . . CHARACTER RECOGNITION
 . . GRAPHOLOGY
 RT CLUMPS
 COMPUTER VISION
 CONTEXT
 OPTICAL RELAY SYSTEMS
 READERS
 REPETITION

PATTERN REGISTRATION

RT COMPARISON
 IMAGE CONTRAST
 IMAGE CORRELATORS
 IMAGE MOTION COMPENSATION
 IMAGE RECONSTRUCTION
 IMAGE RESOLUTION
 IMAGING TECHNIQUES
 MAGNETIC SIGNATURES
 MATCHING

∞ PATTERNS

SN *(USE OF A MORE SPECIFIC TERM IS
 RECOMMENDED--CONSULT THE TERMS
 LISTED BELOW)*
 RT DIFFRACTION PATTERNS
 DISTRIBUTION (PROPERTY)
 DRAINAGE PATTERNS
 KURTOSIS
 MOLDS
 PHOTOMASKS
 PROTOTYPES
 RADIATION DISTRIBUTION
 RESINS
 SPECKLE PATTERNS
 SYNTHETIC ARRAYS
 TEMPLATES
 TEST PATTERN GENERATORS
 WIDMANSTATTEN STRUCTURE

PATTERSON MAP

GS CHARTS
 . GRAPHS (CHARTS)
 . . **PATTERSON MAP**
 RT CRYSTAL LATTICES
 CRYSTAL STRUCTURE
 LATTICE PARAMETERS

PAULI EXCLUSION PRINCIPLE

GS QUANTUM MECHANICS
 . **PAULI EXCLUSION PRINCIPLE**
 WAVE FUNCTIONS
 . **PAULI EXCLUSION PRINCIPLE**
 RT ATOMIC STRUCTURE
 EXCLUSION
 FERMIONS

PAVEMENTS

RT ASPHALT
COATINGS
CONCRETES
FOUNDATIONS
HIGHWAYS
ROADS
RUNWAYS
STREETS

PAYLOAD ASSIST MODULE

GS MODULES
. **PAYLOAD ASSIST MODULE**
ROCKET VEHICLES
RT **PAYLOAD ASSIST MODULE**
INSTRUMENT PACKAGES
PAYLOADS
SPACE SHUTTLE PAYLOADS
SPACE TRANSPORTATION SYSTEM
SPACEBORNE EXPERIMENTS

PAYLOAD CONTROL

RT PAYLOADS
SOUNDING ROCKETS
SPACE SHUTTLES

PAYLOAD DELIVERY (STS)

GS DELIVERY
. **PAYLOAD DELIVERY (STS)**
.. WEAPONS DELIVERY
RT ELECTRIC POWER SUPPLIES
ORBIT TRANSFER VEHICLES
ORBITAL LAUNCHING
PAYLOAD TRANSFER
PAYLOADS
POWER MODULES (STS)
SOLAR ARRAYS
SPACE TRANSPORTATION SYSTEM

PAYLOAD DEPLOYMENT & RETRIEVAL SYSTEM

GS **PAYLOAD DEPLOYMENT & RETRIEVAL SYSTEM**
. REMOTE MANIPULATOR SYSTEM
RT MANIPULATORS
NASA PROGRAMS
ORBIT TRANSFER VEHICLES
PAYLOADS
REMOTE HANDLING
SPACE SHUTTLES
∞ SYSTEMS

PAYLOAD INTEGRATION PLAN

RT PAYLOADS
∞ PLANS
SPACE SHUTTLE ORBITERS
SPACE SHUTTLE PAYLOADS
SPACE TRANSPORTATION SYSTEM
SPACEBORNE EXPERIMENTS

PAYLOAD MASS RATIO

GS RATIOS
. MASS RATIOS
.. **PAYLOAD MASS RATIO**
RT MULTISTAGE ROCKET VEHICLES
PIGGYBACK SYSTEMS
PRESSURE RATIO
PROPELLANT MASS RATIO

PAYLOAD RETRIEVAL (STS)

GS RETRIEVAL
. **PAYLOAD RETRIEVAL (STS)**
RT ORBIT TRANSFER VEHICLES
ORBITAL RENDEZVOUS
PAYLOAD TRANSFER
REMOTE MANIPULATOR SYSTEM
SPACE SHUTTLES
SPACE TRANSPORTATION SYSTEM
STATIONKEEPING

PAYLOAD STATIONS

GS STATIONS
. **PAYLOAD STATIONS**
RT PAYLOADS
SPACE TRANSPORTATION

PAYLOAD TRANSFER

RT INTRAORBIT TRANSFER VEHICLES
ORBITAL SERVICING
PAYLOAD DELIVERY (STS)
PAYLOAD RETRIEVAL (STS)
SPACE SHUTTLES
SPACE TUGS

PAYLOADS

GS **PAYLOADS**
. EARTH VIEWING APPLICATIONS
LABORATORY
. EXPOS (SPACELAB PAYLOAD)
. OSTA-2 PAYLOAD
. SEPAC (PAYLOAD)
. SPACE SHUTTLE PAYLOADS
.. ELECTROMAGNETIC ENVIRONMENT
EXPERIMENT
.. HALOGEN OCCULTATION
EXPERIMENT
.. OSS-1 PAYLOAD
.. OSTA-1 PAYLOAD
.. SPACEBORNE EXPERIMENTS
.. . . . ATMOSPHERIC GENERAL
CIRCULATION EXPERIMENT
.. . . . EARTH RADIATION BUDGET
EXPERIMENT
.. . . . PHYSICS AND CHEMISTRY
EXPERIMENT IN SPACE
.. . . . PLASMA INTERACTION EXPERIMENT
.. SPACELAB
.. X RAY ASTROPHYSICS FACILITY
.. SPACELAB PAYLOADS
.. AMPS (SATELLITE PAYLOAD)
.. ATMOSPHERIC GENERAL
CIRCULATION EXPERIMENT
.. GEOPHYSICAL FLUID FLOW CELLS
.. SOLAR CELL CALIBRATION FACILITY
.. STARLAB
RT AIRCRAFT PERFORMANCE
AIRCRAFT SPECIFICATIONS
ANNULAR SUSPENSION AND POINTING
SYSTEM
APOLLO LUNAR SURFACE EXPERIMENTS
PACKAGE
ASTEROID CAPTURE
EASEP
INSTRUMENT PACKAGES
LIRTS (TELESCOPE)
∞ LOADING
LOADS (FORCES)
PASSENGERS
PAYLOAD ASSIST MODULE
PAYLOAD CONTROL
PAYLOAD DELIVERY (STS)
PAYLOAD DEPLOYMENT & RETRIEVAL
SYSTEM
PAYLOAD INTEGRATION PLAN
PAYLOAD STATIONS
PIGGYBACK SYSTEMS
SPACE PROCESSING APPLICATIONS
ROCKET
SPACE TRANSPORTATION
SPACE TUGS
SPACEBORNE EXPERIMENTS
VERTICAL 8 ROCKET
WARHEADS
∞ WEIGHT
WEIGHT (MASS)

PBRE (REACTORS)

USE PEBBLE BED REACTORS

PCB

USE POLYCHLORINATED BIPHENYLS

PCM (MATERIALS)

USE PHASE CHANGE MATERIALS

PCM (MODULATION)

USE PULSE CODE MODULATION

PCM TELEMETRY

GS TELECOMMUNICATION
. TELEMETRY
.. **PCM TELEMETRY**
TRANSMISSION
.. SIGNAL TRANSMISSION
.. . . . **PCM TELEMETRY**
RT DIFFERENTIAL PULSE CODE
MODULATION
PULSE CODE MODULATION

PD-808 AIRCRAFT

UF DOUGLAS PD-808 AIRCRAFT
PIAGGIO-DOUGLAS PD-808 AIRCRAFT
GS JET AIRCRAFT
. **PD-808 AIRCRAFT**
LIGHT AIRCRAFT
.. **PD-808 AIRCRAFT**
MCDONNELL DOUGLAS AIRCRAFT
. DOUGLAS AIRCRAFT
.. **PD-808 AIRCRAFT**

PD-808 AIRCRAFT-(CONT.)

MONOPLANES
. **PD-808 AIRCRAFT**
PIAGGIO AIRCRAFT
.. **PD-808 AIRCRAFT**
UTILITY AIRCRAFT
.. **PD-808 AIRCRAFT**
RT PASSENGER AIRCRAFT

PDM (MODULATION)

USE PULSE DURATION MODULATION

PDP COMPUTERS

GS DATA PROCESSING EQUIPMENT
. COMPUTERS
.. DIGITAL COMPUTERS
.. . . . **PDP COMPUTERS**
.. . . . PDP 7 COMPUTER
.. . . . PDP 8 COMPUTER
.. . . . PDP 9 COMPUTER
.. . . . PDP 11 COMPUTER
.. . . . PDP 11/20 COMPUTER
.. . . . PDP 11/40 COMPUTER
.. . . . PDP 11/45 COMPUTER
.. . . . PDP 11/50 COMPUTER
.. . . . PDP 11/70 COMPUTER
.. . . . PDP 12 COMPUTER
.. . . . SYSTEM 10 COMPUTER

PDP 7 COMPUTER

GS DATA PROCESSING EQUIPMENT
. COMPUTERS
.. DIGITAL COMPUTERS
.. . . . **PDP COMPUTERS**
.. . . . **PDP 7 COMPUTER**
RT PDP 9 COMPUTER

PDP 8 COMPUTER

GS DATA PROCESSING EQUIPMENT
. COMPUTERS
.. DIGITAL COMPUTERS
.. . . . **PDP COMPUTERS**
.. . . . **PDP 8 COMPUTER**

PDP 9 COMPUTER

GS DATA PROCESSING EQUIPMENT
. COMPUTERS
.. DIGITAL COMPUTERS
.. . . . **PDP COMPUTERS**
.. . . . **PDP 9 COMPUTER**
RT PDP 7 COMPUTER

PDP 10 COMPUTER

USE SYSTEM 10 COMPUTER

PDP 11 COMPUTER

GS DATA PROCESSING EQUIPMENT
. COMPUTERS
.. DIGITAL COMPUTERS
.. . . . **PDP COMPUTERS**
.. . . . **PDP 11 COMPUTER**

PDP 11/20 COMPUTER

GS DATA PROCESSING EQUIPMENT
. COMPUTERS
.. DIGITAL COMPUTERS
.. . . . **PDP COMPUTERS**
.. . . . **PDP 11/20 COMPUTER**

PDP 11/40 COMPUTER

GS DATA PROCESSING EQUIPMENT
. COMPUTERS
.. DIGITAL COMPUTERS
.. . . . **PDP COMPUTERS**
.. . . . **PDP 11/40 COMPUTER**

PDP 11/45 COMPUTER

GS DATA PROCESSING EQUIPMENT
. COMPUTERS
.. DIGITAL COMPUTERS
.. . . . **PDP COMPUTERS**
.. . . . **PDP 11/45 COMPUTER**

PDP 11/50 COMPUTER

GS DATA PROCESSING EQUIPMENT
. COMPUTERS
.. DIGITAL COMPUTERS
.. . . . **PDP COMPUTERS**
.. . . . **PDP 11/50 COMPUTER**

PDP 11/70 COMPUTER

GS DATA PROCESSING EQUIPMENT
. COMPUTERS
.. DIGITAL COMPUTERS

PDP 12 COMPUTER

PDP 11/70 COMPUTER-(CONT.)

- . . . PDP COMPUTERS
- PDP 11/70 COMPUTER

PDP 12 COMPUTER

- GS DATA PROCESSING EQUIPMENT
- . COMPUTERS
- . . DIGITAL COMPUTERS
- . . . PDP COMPUTERS
- PDP 12 COMPUTER

PDP 15 COMPUTER

- GS DATA PROCESSING EQUIPMENT
- . COMPUTERS
- . . DIGITAL COMPUTERS
- . . . PDP 15 COMPUTER

PEACETIME

- RT ELECTRONIC WARFARE
- HISTORIES
- INTERNATIONAL COOPERATION
- INTERNATIONAL LAW
- WARFARE

∞ PEAKS

- SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)*
- RT APEXES
- EXTREMUM VALUES
- MAXIMA
- MOUNTAINS
- PLATEAUS

PEAKS (LANDFORMS)

- UF PINNACLES
- GS LANDFORMS
- . PEAKS (LANDFORMS)
- . . PIKE'S PEAK (CO)
- RT MOUNTAINS
- OROGRAPHY
- TOPOGRAPHY

PEARLITE

- RT CEMENTITE
- FERRITES
- IRON ALLOYS
- MICROSTRUCTURE
- STEELS

PEARSON DISTRIBUTIONS

- GS FUNCTIONS (MATHEMATICS)
- . PROBABILITY DENSITY FUNCTIONS
- . . PEARSON DISTRIBUTIONS
- . . . STATISTICAL ANALYSIS
- . . . PROBABILITY DENSITY FUNCTIONS
- . . . PEARSON DISTRIBUTIONS
- STATISTICAL DISTRIBUTIONS
- PEARSON DISTRIBUTIONS

PEAT

- GS CARBONACEOUS MATERIALS
- . PEAT
- ORGANIC MATERIALS
- . PEAT
- SEDIMENTARY ROCKS
- . PEAT
- RT COAL

PEBBLE BED REACTORS

- UF PBRE (REACTORS)
- GS NUCLEAR REACTORS
- . PEBBLE BED REACTORS
- RT REACTOR DESIGN
- REACTOR TECHNOLOGY

PECLET NUMBER

- GS RATIOS
- . DIMENSIONLESS NUMBERS
- . . PECLET NUMBER
- RT ADVECTION
- HEAT TRANSFER
- PRANDTL NUMBER
- REYNOLDS NUMBER
- THERMAL DIFFUSION

PECULIAR STARS

- GS CELESTIAL BODIES
- . STARS
- . . PECULIAR STARS
- RT A STARS
- B STARS
- HOT STARS
- MAGNETIC STARS

PECULIAR STARS-(CONT.)

- STELLAR SPECTRA
- STELLAR SPECTROPHOTOMETRY
- STELLAR STRUCTURE

PEDALS

- RT LEVERS
- MANUAL CONTROL

PEDIMENTS

- USE PIEDMONTES

PEDIPLAINS

- USE PIEDMONTES

PEDOLOGY

- USE SOIL SCIENCE

PEELING

- RT ADHESION
- CUTTING
- DELAMINATING
- FLAKING
- MECHANICAL PROPERTIES
- SHEDDING
- ∞ STRIPPING

PEENING

- GS METAL FINISHING
- . PEENING
- . . SHOT PEENING
- RT COLD WORKING
- HARDENING (MATERIALS)
- METAL WORKING
- WORK HARDENING

PEGASUS COMPUTER

- GS DATA PROCESSING EQUIPMENT
- . COMPUTERS *
- . . PEGASUS COMPUTER

PEGASUS ENGINE

- USE BRISTOL-SIDDELEY BS 53 ENGINE

PEGASUS SATELLITES

- GS SATELLITES
- . ARTIFICIAL SATELLITES
- . . PEGASUS SATELLITES
- . . . EARTH SATELLITES
- . . . PEGASUS SATELLITES
- RT SATURN PROJECT

PELAGIC ZONE

- GS REGIONS
- . PELAGIC ZONE
- RT OCEANOGRAPHY

PELLETS

- RT BRIQUETS
- FUEL CAPSULES
- GRANULAR MATERIALS
- NUCLEAR FUELS
- ∞ SHOT

PELLICLE

- RT THIN FILMS

PELOMYXA

- GS ANIMALS
- . AMOEBA
- . . PELOMYXA
- . . . INVERTEBRATES
- . . . PROTOZOA
- . . . PELOMYXA
- . . . MICROORGANISMS
- . . . PROTOZOA
- . . . AMOEBA
- . . . PELOMYXA

PELTIER EFFECTS

- RT ∞ EFFECTS
- SEEBECK EFFECT
- TEMPERATURE EFFECTS
- THERMOCOUPLES
- THERMOELECTRIC COOLING
- THERMOELECTRICITY
- THERMOPHYSICAL PROPERTIES

PELVIS

- GS ANATOMY
- . MUSCULOSKELETAL SYSTEM
- . . BONES
- . . . PELVIS
- RT GIRDLES

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PENALTIES

- GS LAW (JURISPRUDENCE)
- . PUBLIC LAW
- . . PENALTIES
- RT AIR LAW
- DISCIPLINING
- JUDGMENTS
- LEGAL LIABILITY
- LIABILITIES
- PROHIBITION
- REGULATIONS

PENALTY FUNCTION

- GS FUNCTIONS (MATHEMATICS)
- . PENALTY FUNCTION
- RT CONSTRAINTS
- ∞ FUNCTIONS
- MAXIMA
- MINIMA
- OPTIMIZATION

PENDULOUS GYROSCOPES

- USE GYROSCOPIC PENDULUMS

PENDULUMS

- GS OSCILLATORS
- . MECHANICAL OSCILLATORS
- . . PENDULUMS
- . . . GYROSCOPIC PENDULUMS
- RT ACCELEROMETERS
- GRAVITATION
- MOMENTUM
- OSCILLATIONS
- TIMING DEVICES

PENEPLAINS

- GS LAND
- . PLAINS
- . . PENEPLAINS
- RT EROSION
- GEOLOGY
- SOIL EROSION
- TOPOGRAPHY
- WIND EROSION

PENETRANTS

- RT ∞ AGENTS
- PRESERVATIVES
- RETARDANTS

PENETRATING PARTICLES

- USE CORPUSCULAR RADIATION

PENETRATION

- RT DIFFUSION
- DRILLING
- FRAGMENTATION
- HYDRODYNAMIC RAM EFFECT
- IMPACT
- NUCLEAR VULNERABILITY
- PERCOLATION
- PERFORATING
- PERMEABILITY
- PERMEATING
- PIERCING
- ∞ SATURATION
- SEEPAGE
- TERMINAL BALLISTICS
- VULNERABILITY

PENETRATION BALLISTICS

- USE TERMINAL BALLISTICS

PENETROMETERS

- GS MEASURING INSTRUMENTS
- . PENETROMETERS
- RT LUNAR SOIL

PENICILLIN

- GS DRUGS
- . ANTIBIOTICS
- . . PENICILLIN
- STERIODS
- . PENICILLIN

PENINSULAR RANGES (CA)

- GS LANDFORMS
- . MOUNTAINS
- . . PENINSULAR RANGES (CA)
- RT CALIFORNIA

PENINSULAS

- GS LANDFORMS
- . PENINSULAS

PENINSULAS-(CONT.)

RT . . . DELMARVA PENINSULA (DE-MD-VA)
 ISTMUSES
 LAND
 WATER

PENNING DISCHARGE

GS ELECTRIC CURRENT
 . ELECTRIC DISCHARGES
 . . . **PENNING DISCHARGE**
 RT ELECTRODELESS DISCHARGES
 GAS IONIZATION
 ION MOTION
 PLASMA GENERATORS

PENNING EFFECT

RT GAS IONIZATION
 METASTABLE ATOMS

PENNING GAGES

GS MEASURING INSTRUMENTS
 . PRESSURE GAGES
 . . . VACUUM GAGES
 . . . IONIZATION GAGES
 **PENNING GAGES**
 VACUUM APPARATUS
 VACUUM GAGES
 . . . IONIZATION GAGES
 . . . **PENNING GAGES**

PENNSYLVANIA

GS UNITED STATES OF AMERICA
 . **PENNSYLVANIA**
 RT ALLEGHENY PLATEAU (US)
 DELAWARE BAY (US)
 DELAWARE RIVER BASIN (US)
 OHIO RIVER (US)
 SUSQUEHANNA RIVER BASIN
 (MD-NY-PA)

∞ PENS

SN *(USE OF A MORE SPECIFIC TERM IS
 RECOMMENDED--CONSULT THE TERMS
 LISTED BELOW)*
 UF STYLUSES
 RT ENCLOSURES
 RECORDING INSTRUMENTS

PENTABORANES

GS BORON COMPOUNDS
 . BORON HYDRIDES
 . . BORANES
 . . . **PENTABORANES**
 HYDROGEN COMPOUNDS
 . HYDRIDES
 . . BORON HYDRIDES
 . . . BORANES
 **PENTABORANES**

PENTACHLORIDES

USE CHLORIDES

PENTAERYTHRITOL TETRANITRATE

USE PETN

PENTAERYTHRYLAMINE

GS ALIPHATIC COMPOUNDS
 . **PENTAERYTHRYLAMINE**
 AMINES
 . **PENTAERYTHRYLAMINE**

PENTANES

GS ALIPHATIC COMPOUNDS
 . ALKANES
 . . **PENTANES**
 . . . NEOPENTANE
 HYDROCARBONS
 . ALKANES
 . . **PENTANES**
 . . . NEOPENTANE

PENTANONE

GS ALIPHATIC COMPOUNDS
 . KETONES
 . . **PENTANONE**
 ORGANIC COMPOUNDS
 . **PENTANONE**
 RT ACETONE
 ACETYLACETONE

PENTOBARBITAL

RT DRUGS
 NARCOTICS
 SEDATIVES

PENTOBARBITAL SODIUM

GS DRUGS
 . **PENTOBARBITAL SODIUM**
 . . RESERPINE
 RT NEMBUTAL (TRADEMARK)

PENTODES

RT ELECTRON TUBES
 SEMICONDUCTOR DEVICES
 TETRODES
 TRANSISTORS
 VACUUM TUBES

PENTOLITE

GS EXPLOSIVES
 . **PENTOLITE**
 PROPELLANTS
 . **PENTOLITE**

PENTOSE

GS ALIPHATIC COMPOUNDS
 . SUGARS
 . . **PENTOSE**
 . . . RIBOSE
 . . . XYLOSE
 CARBOHYDRATES
 . SUGARS
 . . **PENTOSE**
 . . . RIBOSE
 . . . XYLOSE

PENUMBRAS

GS SHADOWS
 . **PENUMBRAS**
 RT ECLIPSES
 UMBRAS

PEOPLE SATELLITES

GS SATELLITES
 . ARTIFICIAL SATELLITES
 . . FRENCH SATELLITES
 . . . **PEOPLE SATELLITES**
 . . . EARTH SATELLITES
 . . . FRENCH SATELLITES
 **PEOPLE SATELLITES**
 RT GEOPHYSICAL SATELLITES

PEOPLES DEMOCRATIC REPUBLIC OF GERMANY

USE EAST GERMANY

PEPPERS

RT ∞ FOOD

PEPSIN

GS ENZYMES
 . **PEPSIN**
 RT PAPAIN

PEPTIDES

GS ACIDS
 . AMINO ACIDS
 . . **PEPTIDES**
 . . . HYPERTENSIN
 ORGANIC COMPOUNDS
 . AMINO ACIDS
 . . **PEPTIDES**
 . . . HYPERTENSIN
 POLYPEPTIDES
 PROTEINS
 . **PEPTIDES**
 . . HYPERTENSIN
 . . . POLYPEPTIDES
 RT ASPARTIC ACID

PERCENTAGE

USE RATIOS

PERCEPTION

GS **PERCEPTION**
 . . . AUDITORY PERCEPTION
 . . . BINAURAL HEARING
 . . . MOTION PERCEPTION
 . . . SENSORY PERCEPTION
 . . . CONSCIOUSNESS
 . . . EXTRASENSORY PERCEPTION
 . . . KINESTHESIA
 . . . OLFACTORY PERCEPTION
 . . . PAIN
 . . . PAIN SENSITIVITY
 . . . PROPRIOCEPTION
 . . . AUTOKINESIS
 . . . TASTE
 . . . TOUCH
 . . . TACTILE DISCRIMINATION

PERCEPTION-(CONT.)

. . . VERTICAL PERCEPTION
 . . . VIBRATION PERCEPTION
 . . . VISUAL PERCEPTION
 . . . CRITICAL FLICKER FUSION
 . . . SPACE PERCEPTION
 AUTOKINESIS
 . . . VISUAL DISCRIMINATION
 . . . SOUND LOCALIZATION
 RT ACUITY
 ADAPTATION
 ARTIFICIAL INTELLIGENCE
 CHARACTER RECOGNITION
 COGNITION
 COLOR
 CONTRAST
 ELECTROCUTANEOUS COMMUNICATION
 ∞ FREQUENCY RESPONSE
 IDENTIFYING
 ILLUSIONS
 IMAGES
 ∞ INTERPRETATION
 KNOWLEDGE
 LEGIBILITY
 MONOCULAR VISION
 PERCEPTUAL TIME CONSTANT
 READING
 RESOLUTION
 RETINAL ADAPTATION
 SENSITIVITY
 SENSORY DEPRIVATION
 SENSORY FEEDBACK
 SYMBOLS
 THRESHOLDS (PERCEPTION)
 VISIBILITY
 VISION

PERCEPTONS

USE SELF ORGANIZING SYSTEMS

PERCEPTUAL ERRORS

RT DISPLAY DEVICES
 VISUAL PERCEPTION
 VISUAL STIMULI

PERCEPTUAL TIME CONSTANT

GS CONSTANTS
 . TIME CONSTANT
 . . **PERCEPTUAL TIME CONSTANT**
 RT PERCEPTION
 REACTION TIME
 SENSE ORGANS
 SENSORIMOTOR PERFORMANCE
 VELOCITY

PERCHLORATES

GS HALOGEN COMPOUNDS
 . CHLORINE COMPOUNDS
 . . **PERCHLORATES**
 . . . ALUMINUM PERCHLORATES
 . . . AMMONIUM PERCHLORATES
 . . . HYDRAZINE PERCHLORATES
 . . . HYDROGEN PERCHLORATE
 . . . HYDROXYLAMMONIUM
 . . . PERCHLORATES
 . . . LITHIUM PERCHLORATES
 . . . MAGNESIUM PERCHLORATES
 . . . NITRONIUM PERCHLORATE
 . . . POTASSIUM PERCHLORATES
 RT CHLORATES
 PERCHLORIC ACID

PERCHLORIC ACID

GS ACIDS
 . **PERCHLORIC ACID**
 RT PERCHLORATES

PERCHLORYL FLUORIDES

GS HALOGEN COMPOUNDS
 . FLUORINE COMPOUNDS
 . . FLUORIDES
 . . . **PERCHLORYL FLUORIDES**
 . . . HALIDES
 . . . FLUORIDES
 . . . **PERCHLORYL FLUORIDES**

PERCOLATION

RT BEDS (PROCESS ENGINEERING)
 CONCENTRATING
 DIFFUSION
 EXTRACTION
 FILTRATION
 INTERSTICES
 LEACHING
 LYSIMETERS

PERCUS METHOD

PERCOLATION-(CONT.)

PENETRATION
PERMEABILITY
PERMEATING
SEEPAGE
∞ SEPARATION
VOIDS

PERCUS METHOD

RT FLOW EQUATIONS
INTEGRAL EQUATIONS
∞ METHODOLOGY

PERCUSSION

RT DETONATION
IMPACT
PHYSICAL EXAMINATIONS
PRIMERS (EXPLOSIVES)

PERFECT GAS

USE IDEAL GAS

PERFLUORO COMPOUNDS

GS **PERFLUORO COMPOUNDS**
. PERFLUOROALKANE
. PERFLUOROGUANIDINE
. SODIUM PERFLUOROBUTOXIDE

PERFLUOROALKANE

GS HALOGEN COMPOUNDS
. FLUORINE COMPOUNDS
. FLUORO COMPOUNDS
. . . DIFLUORO COMPOUNDS
. . . . **PERFLUOROALKANE**
. . . FLUORINE ORGANIC COMPOUNDS
. . . . **PERFLUOROALKANE**
ORGANIC COMPOUNDS
. FLUORINE ORGANIC COMPOUNDS
. . **PERFLUOROALKANE**
PERFLUORO COMPOUNDS
. **PERFLUOROALKANE**

PERFLUOROGUANIDINE

GS HALOGEN COMPOUNDS
. FLUORINE COMPOUNDS
. FLUORO COMPOUNDS
. . . FLUORINE ORGANIC COMPOUNDS
. . . . **PERFLUOROGUANIDINE**
ORGANIC COMPOUNDS
. FLUORINE ORGANIC COMPOUNDS
. . **PERFLUOROGUANIDINE**
PERFLUORO COMPOUNDS
. **PERFLUOROGUANIDINE**

RT GUANIDINES

PERFORATED PLATES

GS STRUCTURAL MEMBERS
. PLATES (STRUCTURAL MEMBERS)
. . **PERFORATED PLATES**
RT ANISOTROPIC PLATES
CAVITIES
HOLE GEOMETRY (MECHANICS)
OPENINGS
∞ PERFORATION
STRESS CONCENTRATION

PERFORATED SHELLS

GS SHELLS (STRUCTURAL FORMS)
. **PERFORATED SHELLS**
RT ARCHES
CAVITIES
ENCLOSURES
FAIRINGS
HOLE DISTRIBUTION (MECHANICS)
HOLE GEOMETRY (MECHANICS)
HOUSINGS
HULLS (STRUCTURES)
MEMBRANE STRUCTURES
NACELLES
∞ PERFORATION
PRESSURE VESSEL DESIGN
ROCKET ENGINE CASES
SHELL THEORY
STRESS CONCENTRATION

PERFORATING

RT BURNTHROUGH (FAILURE)
CUTTING
DRILLING
FORMATIONS
FRACTURING
GAS INJECTION
INJECTION
METAL CUTTING

PERFORATING-(CONT.)

METAL WORKING
PENETRATION
∞ PERFORATION
PIERCING
WATER INJECTION

∞ PERFORATION

SN *(USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)*
RT CAVITIES
PERFORATED PLATES
PERFORATED SHELLS
PERFORATING
PIERCING

∞ PERFORMANCE

SN *(USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)*
RT AIRCRAFT PERFORMANCE
ASTRONAUT PERFORMANCE
COMFORT
COMPLEXITY
COMPUTER SYSTEMS PERFORMANCE
CONSISTENCY
EFFICIENCY
EFFORT
ENVIRONMENTS
EVALUATION
EXAMINATION
FATIGUE (BIOLOGY)
FIGURE OF MERIT
FLIGHT CHARACTERISTICS
HUMAN FACTORS ENGINEERING
HUMAN PERFORMANCE
LONG TERM EFFECTS
MENTAL PERFORMANCE
MODULATION TRANSFER FUNCTION
OBSERVATION
OPERATOR PERFORMANCE
OPTICAL TRANSFER FUNCTION
OUTPUT
PERFORMANCE TESTS
PILOT PERFORMANCE
POSTFLIGHT ANALYSIS
PROPULSION SYSTEM PERFORMANCE
QUALITY
RATINGS
RELIABILITY
SPACECRAFT PERFORMANCE
STANDARDS
TASK COMPLEXITY
TRAINING EVALUATION

PERFORMANCE PREDICTION

GS FORECASTING
. **PERFORMANCE PREDICTION**
. . PREDICTION ANALYSIS TECHNIQUES
PREDICTIONS
. **PERFORMANCE PREDICTION**
RT EVALUATION
MANAGEMENT
RELIABILITY
RELIABILITY ANALYSIS
RELIABILITY ENGINEERING

PERFORMANCE TESTS

SN *(APPLY ONLY TO OPERATING
EQUIPMENT)*
RT ACCELERATED LIFE TESTS
ACCEPTABILITY
CERTIFICATION
CHECKOUT
COMPUTER SYSTEMS PERFORMANCE
INSPECTION
∞ PERFORMANCE
SPACE VEHICLE CHECKOUT PROGRAM
SPECIFICATIONS
STANDARDS
∞ TESTS

PERFUSION

USE DIFFUSION

PERICLASE

GS CHALCOGENIDES
. OXIDES
. . METAL OXIDES
. . . ALKALINE EARTH OXIDES
. . . . MAGNESIUM OXIDES
. **PERICLASE**
MAGNESIUM COMPOUNDS
. MAGNESIUM OXIDES

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PERICLASE-(CONT.)

. . PERICLASE

PERIDOTITE

UF KIMBERLITE
GS ROCKS
. IGNEOUS ROCKS
. . **PERIDOTITE**
RT CHROMITES
DUNITE
OLIVINE
REGOLITH
SOILS

PERIGEE-APOGEE SATELLITES

USE PAS

PERIGEEES

GS APSIDES
. **PERIGEEES**
ORBITS
. EARTH ORBITS
. . **PERIGEEES**
. . ELLIPTICAL ORBITS
. . . **PERIGEEES**
RT APOGEEES
PERILUNES

PERIHELIONS

SN (PERIASTRONS IN THE SOLAR SYSTEM)
GS APSIDES
. **PERIHELIONS**
ORBITS
. ELLIPTICAL ORBITS
. . **PERIHELIONS**
. . SOLAR ORBITS
. . . **PERIHELIONS**
RT APHELIONS

PERILUNES

GS APSIDES
. **PERILUNES**
RT LUNAR ORBITS
LUNAR SATELLITES
PERIGEEES

PERIOD EQUATIONS

USE PERIODIC FUNCTIONS

PERIODIC FUNCTIONS

UF PERIOD EQUATIONS
GS ANALYSIS (MATHEMATICS)
. REAL VARIABLES
. . **PERIODIC FUNCTIONS**
. . . TRIGONOMETRIC FUNCTIONS
. . . . COSINE SERIES
. . . . SINE SERIES
. . . . TANGENTS
FUNCTIONS (MATHEMATICS)
. TRANSCENDENTAL FUNCTIONS
. . **PERIODIC FUNCTIONS**
. . . TRIGONOMETRIC FUNCTIONS
. . . . COSINE SERIES
. . . . SINE SERIES
. . . . TANGENTS
RT FLOUQUET THEOREM
FOURIER ANALYSIS

PERIODIC ORBITS

USE ORBITS

PERIODIC PROCESSES

USE CYCLES

PERIODIC VARIATIONS

UF PERIODICITY
GS VARIATIONS
. **PERIODIC VARIATIONS**
. . ANNUAL VARIATIONS
. . DIURNAL VARIATIONS
. . NOCTURNAL VARIATIONS
. . SECULAR VARIATIONS
RT AUTOCORRELATION
CLIMATOLOGY
CYCLES
DENDROCHRONOLOGY
EXTRAPOLATION
FOURIER ANALYSIS
LONG TERM EFFECTS
OSCILLATIONS
OSCILLATORS
POLAR WANDERING (GEOLOGY)
∞ RHYTHM
TRENDS

NASA THESAURUS (VOLUME 1)

PERIODIC VARIATIONS-(CONT.)

VARIABILITY
VARIABLE STARS

PERIODICALS

UF JOURNALS (DOCUMENTS)
GS DOCUMENTS
. PERIODICALS
RT ∞ JOURNALS
RECORDS

PERIODICITY

USE PERIODIC VARIATIONS

PERIODICITY (BIOLOGY)

USE RHYTHM (BIOLOGY)

PERIPHERAL CIRCULATION

GS CIRCULATION
. BLOOD CIRCULATION
. PERIPHERAL CIRCULATION

PERIPHERAL EQUIPMENT (COMPUTERS)

GS PERIPHERAL EQUIPMENT (COMPUTERS)
. ACCUMULATORS (COMPUTERS)
. COMPUTER STORAGE DEVICES
. BUFFER STORAGE
. CRYOGENIC COMPUTER STORAGE
. MAGNETIC TAPES
. . . . COMPUTER COMPATIBLE TAPES
. . . . RANDOM ACCESS MEMORY
. . . . READ-ONLY MEMORY DEVICES
. . . . REGISTERS (COMPUTERS)
. CONSOLES
. . . . REMOTE CONSOLES
. INTEL 8080 MICROPROCESSOR
RT ∞ EQUIPMENT

PERIPHERAL JET FLOW

GS FLUID FLOW
. JET FLOW
. . . PERIPHERAL JET FLOW
RT DOWNWASH
GROUND EFFECT
GROUND EFFECT MACHINES
LIFT AUGMENTATION

PERIPHERAL NERVOUS SYSTEM

GS NERVOUS SYSTEM
. PERIPHERAL NERVOUS SYSTEM
RT NEUROMUSCULAR TRANSMISSION

PERIPHERAL VISION

GS VISION
. PERIPHERAL VISION
RT SPACE PERCEPTION
VISUAL ACUITY
VISUAL FIELDS

PERIPHERIES

USE BOUNDARIES

PERISCOPES

GS OPTICAL EQUIPMENT
. PERISCOPES
RT BINOCULARS
EYEPIECES
OPTICAL MEASURING INSTRUMENTS
TELESCOPES
VIEWING

PERITONEUM

GS TISSUES (BIOLOGY)
. PERITONEUM
RT ABDOMEN
MEMBRANES

PERMAFROST

UF FROZEN SOILS
GS SOILS
. PERMAFROST
RT AUFEIS (ICE)
POLAR REGIONS

PERMALLOYS (TRADEMARK)

GS ALLOYS
. PERMALLOYS (TRADEMARK)
MAGNETIC MATERIALS
. FERROMAGNETIC MATERIALS
. PERMALLOYS (TRADEMARK)
RT IRON ALLOYS
MAGNETS
MOLYBDENUM ALLOYS
NICKEL ALLOYS

PERMANGANATES

GS MANGANESE COMPOUNDS
. PERMANGANATES
. . . SODIUM PERMANGANATES
RT MANGANESE IONS

PERMEABILITY

SN (EXCLUDES MAGNETIC PERMEABILITY)
GS PERMEABILITY
. DIELECTRIC PERMEABILITY
RT AQUIFERS
DENSITY (MASS/VOLUME)
DIFFUSION
DIFFUSIVITY
DRAINAGE
FORMATIONS
INFILTRATION
INTERSTICES
LEACHING
LEAKAGE
MECHANICAL PROPERTIES
PENETRATION
PERCOLATION
PERMEATING
∞ PHYSICAL PROPERTIES
POROSITY
∞ RESISTANCE
SEEPAGE
SURFACE PROPERTIES
VOID RATIO
VOIDS
WETTABILITY

PERMEATING

RT ∞ ABSORPTION
DESORPTION
DIALYSIS
DIFFUSION
DISPERSING
IMPREGNATING
OSMOSIS
PENETRATION
PERCOLATION
PERMEABILITY
POROSITY
REVERSE OSMOSIS
∞ SATURATION
SORPTION
TRANSPIRATION

PERMISSIVITY

RT COMPATIBILITY
PSYCHOLOGICAL FACTORS

PERMITTIVITY

UF DIELECTRIC CONSTANT
GS ELECTROMAGNETIC PROPERTIES
. ELECTRICAL PROPERTIES
. . . DIELECTRIC PROPERTIES
. . . PERMITTIVITY
RT ELECTRIC FIELDS
FIELD STRENGTH

PERMUTATIONS

GS ANALYSIS (MATHEMATICS)
. COMBINATORIAL ANALYSIS
. . . PERMUTATIONS
RT ∞ COMBINATION
COMBINATIONS (MATHEMATICS)
PARTITIONS (MATHEMATICS)
SET THEORY

PEROVSKITES

GS CALCIUM COMPOUNDS
. PEROVSKITES
MINERALS
. PEROVSKITES
TITANIUM COMPOUNDS
. TITANATES
. . . PEROVSKITES

PEROXIDES

GS CHALCOGENIDES
. OXIDES
. . . ANHYDRIDES
. . . . PEROXIDES
. . . . INORGANIC PEROXIDES
. . . . ORGANIC PEROXIDES
. . . . SODIUM PEROXIDES
RT DIOXIDES

PERSEID METEOROIDS

GS CELESTIAL BODIES
. METEOROID SHOWERS
. . . PERSEID METEOROIDS

PERSONNEL DEVELOPMENT

PERSEID METEOROIDS-(CONT.)

. METEOROIDS
. . . PERSEID METEOROIDS

PERSHING MISSILE

GS MISSILES
. BALLISTIC MISSILES
. . . PERSHING MISSILE
. SURFACE TO SURFACE MISSILES
. . . PERSHING MISSILE
RT MULTISTAGE ROCKET VEHICLES
SOLID PROPELLANT ROCKET ENGINES

PERSIAN GULF

GS GULFS
. PERSIAN GULF
RT INLETS (TOPOGRAPHY)
UNITED ARAB EMIRATES

PERSONALITY

RT DEPERSONALIZATION
PERSONNEL SELECTION

PERSONALITY TESTS

RT PSYCHOLOGICAL TESTS
PSYCHOMETRICS
QUALIFICATIONS
∞ TESTS

PERSONNEL

GS PERSONNEL
. AIR TRAFFIC CONTROLLERS
(PERSONNEL)
. CREWS
. . . FLIGHT CREWS
. . . . SPACECREWS
. ENEMY PERSONNEL
. FLYING PERSONNEL
. . . ASTRONAUTS
. . . . ORBITAL WORKERS
. . . COSMONAUTS
. . . . FLIGHT CREWS
. . . . SPACECREWS
. . . PILOTS (PERSONNEL)
. . . . AIRCRAFT PILOTS
. TEST PILOTS
. GROUND CREWS
. INSTRUCTORS
. MEDICAL PERSONNEL
. . . FLIGHT NURSES
. . . PHYSICIANS
. . . SURGEONS
. . . . FLIGHT SURGEONS
. . . NAVIGATORS
. . . OPERATORS (PERSONNEL)
. . . PILOTS (PERSONNEL)
. . . . AIRCRAFT PILOTS
. TEST PILOTS
. POLICE
. PROGRAMMERS
. SCIENTISTS
RT ∞ COMPLEMENT
CONSULTING
CREW EXPERIMENT STATIONS
CREW OBSERVATION STATIONS
CREW STATIONS
CREW WORK STATIONS
DEPERSONALIZATION
DEPLOYMENT
EMPLOYEE RELATIONS
∞ ESTIMATORS
HELMET MOUNTED DISPLAYS
INCENTIVES
INHABITANTS
MANPOWER
OCCUPATION
ORGANIZING
POSITION (TITLE)
QUALIFICATIONS
RESEARCH MANAGEMENT
RESOURCES
RETIREMENT
RETRAINING
SERVICES
UNIONIZATION
WAGE SURVEYS

PERSONNEL DEVELOPMENT

RT ∞ DEVELOPMENT
EMPLOYEE RELATIONS
MANAGEMENT
RESOURCES
TRAINING ANALYSIS

PERSONNEL MANAGEMENT

PERSONNEL MANAGEMENT

GS MANAGEMENT
 . INDUSTRIAL MANAGEMENT
 . . **PERSONNEL MANAGEMENT**
 RT EMPLOYEE RELATIONS
 LEADERSHIP
 MANAGEMENT PLANNING

PERSONNEL PROPULSION SYSTEMS

USE SELF MANEUVERING UNITS

PERSONNEL SELECTION

GS SELECTION
 . **PERSONNEL SELECTION**
 . . PILOT SELECTION
 RT APTITUDE
 EMPLOYMENT
 LABOR
 PERSONALITY
 PHYSICAL EXAMINATIONS
 PHYSIOLOGICAL TESTS

PERSONNEL SUBSYSTEMS

RT INDUSTRIES

PERSPEX (TRADEMARK)

GS PLASTICS
 . **PERSPEX (TRADEMARK)**

PERSPIRATION

UF SWEATING
 RT BODY FLUIDS
 BODY TEMPERATURE
 EVAPORATION
 EXCRETION
 FECES
 HEAT ACCLIMATIZATION
 HUMIDITY
 PALMAR SWEAT INDEX
 SKIN (ANATOMY)
 SWEAT
 TRANSPIRATION

PERT

RT COMMERCE
 CONTRACT MANAGEMENT
 CRITICAL PATH METHOD
 GERT
 MANAGEMENT ANALYSIS
 MANAGEMENT METHODS
 MANAGEMENT PLANNING
 ∞ PATHS
 PROGRAM TREND LINE ANALYSIS
 PROJECT MANAGEMENT

PERTURBATION

GS **PERTURBATION**
 . ORBIT PERTURBATION
 . . SATELLITE PERTURBATION
 RT ∞ DISTURBANCES
 FOUR BODY PROBLEM
 GEODESY
 LONG TERM EFFECTS
 MANY BODY PROBLEM
 NUTATION
 ORBITAL MECHANICS
 OSCILLATIONS
 OSCILLATORS
 RADIATION PRESSURE
 SCHACH EFFECT
 THREE BODY PROBLEM
 TWO BODY PROBLEM
 VARIATIONS

PERTURBATION THEORY

UF DISTURBANCE THEORY
 GS **PERTURBATION THEORY**
 . VINTI THEORY
 RT BOUSSINESQ APPROXIMATION
 CELESTIAL MECHANICS
 DISTURBING FUNCTIONS
 HANSEN LUNAR THEORY
 HARTREE APPROXIMATION
 HILL LUNAR THEORY
 HILL METHOD
 MANY BODY PROBLEM
 OPERATORS (MATHEMATICS)
 ORBIT PERTURBATION
 ORBITAL ELEMENTS
 QUANTUM THEORY
 TAYLOR INSTABILITY
 ∞ THEORIES
 VON ZEIPPEL METHOD
 WAVE FUNCTIONS
 WENTZEL-KRAMER-BRILLOUIN METHOD

PERTURBATION THEORY-(CONT.)

YANG-MILLS FIELDS
 YANG-MILLS THEORY

PERU

RT NATIONS
 SOUTH AMERICA

PERVEANCE

GS RATIOS
 . **PERVEANCE**
 RT CHILD-LANGMUIR LAW
 SPACE CHARGE
 THERMIONIC DIODES
 VACUUM TUBES
 WORK FUNCTIONS

PESTICIDES

GS POISONS
 . **PESTICIDES**
 . . INSECTICIDES
 . . . DIELDRIN
 RT CROP DUSTING
 ENVIRONMENTAL CHEMISTRY
 TOXICOLOGY

PETALS

RT PLANTS (BOTANY)

PETECHIA

GS HEMORRHAGES
 . **PETECHIA**
 RT SKIN (ANATOMY)

PETN

UF PENTAERYTHRITOL TETRANITRATE
 GS ESTERS
 . ORGANIC NITRATES
 . . **PETN**
 . . NITROGEN COMPOUNDS
 . NITRATES
 . . ORGANIC NITRATES
 . . . **PETN**
 RT EXPLOSIVES

PETREL SOUNDING ROCKET

GS ROCKET VEHICLES
 . SOUNDING ROCKETS
 . . **PETREL SOUNDING ROCKET**
 RT ∞ ROCKETS

PETRI NETS

GS NETS
 . **PETRI NETS**
 RT CONSECUTIVE EVENTS
 DYNAMIC MODELS
 GRAPHS (CHARTS)
 INFORMATION THEORY
 SEQUENCING
 TREES (MATHEMATICS)

PETROGRAPHY

GS GEOLOGY
 . PETROLOGY
 . . **PETROGRAPHY**
 RT INLIERS (LANDFORMS)
 ROCKS
 SEDIMENTARY ROCKS

PETROLEUM

USE CRUDE OIL

PETROLEUM PRODUCTS

GS PRODUCTS
 . **PETROLEUM PRODUCTS**
 . . ASPHALT
 . . GREASES
 . . TARS
 RT CRUDE OIL
 LUBRICANTS
 METHANE
 OILS
 POLYNUCLEAR ORGANIC COMPOUNDS

PETROLOGY

GS GEOLOGY
 . **PETROLOGY**
 . . PETROGRAPHY
 RT CONES (VOLCANOES)
 FORMATIONS
 GEOCHEMISTRY
 GEOLOGICAL SURVEYS
 GEOPHYSICS
 IMPACT MELTS

NASA THESAURUS (VOLUME 1)

PETROLOGY-(CONT.)

INLIERS (LANDFORMS)
 MARS VOLCANOES
 MINERALOGY
 ROCKS
 STRATIGRAPHY
 VOLCANOES
 VOLCANOLOGY

PFAFF EQUATION

GS ANALYSIS (MATHEMATICS)
 . **PFAFF EQUATION**
 RT DIFFERENTIAL EQUATIONS
 THERMODYNAMICS

PFM (MODULATION)

USE PULSE FREQUENCY MODULATION

PH

RT ACID BASE EQUILIBRIUM
 ACID RAIN
 ACIDITY
 ACIDOSIS
 ALKALINITY
 ALKALOSIS
 BUFFERS (CHEMISTRY)
 HYDROGEN IONS

PH FACTOR

RT ACID BASE EQUILIBRIUM
 ACIDOSIS
 ALKALOSIS
 HYDROGEN IONS
 ION CONCENTRATION

PHAETON SPACE VEHICLE

RT ∞ SPACECRAFT

PHANTASTRONS

GS CIRCUITS
 . DELAY CIRCUITS
 . . **PHANTASTRONS**
 . . OSCILLATORS
 . . RELAXATION OSCILLATORS
 . . **PHANTASTRONS**
 RT FEEDBACK AMPLIFIERS

PHANTOM AIRCRAFT

GS JET AIRCRAFT
 . **PHANTOM AIRCRAFT**
 . . F-4 AIRCRAFT
 . . MCDONNELL DOUGLAS AIRCRAFT
 . . MCDONNELL AIRCRAFT
 . . **PHANTOM AIRCRAFT**
 . . . F-4 AIRCRAFT
 . . MONOPLANES
 . . **PHANTOM AIRCRAFT**
 . . SUPERSONIC AIRCRAFT
 . . **PHANTOM AIRCRAFT**
 . . . F-4 AIRCRAFT
 RT ∞ AIRCRAFT

PHARMACOLOGY

GS **PHARMACOLOGY**
 . PSYCHOPHARMACOLOGY
 RT ANESTHESIOLOGY
 ANTIRADIATION DRUGS
 DEMULCENTS
 DRUGS
 MEDICAL SCIENCE
 ∞ MEDICINE
 MOTION SICKNESS DRUGS
 VASOCONSTRICTOR DRUGS
 VETERINARY MEDICINE

PHARYNX

GS ANATOMY
 . RESPIRATORY SYSTEM
 . . BRONCHIAL TUBE
 . . . **PHARYNX**

PHASE ANGLE

USE PHASE SHIFT

PHASE CHANGE MATERIALS

UF PCM (MATERIALS)
 RT CERESIN
 CONDENSING
 FUSION (MELTING)
 HEAT OF FUSION
 HEAT STORAGE
 HEAT TRANSFER
 LIQUID-SOLID INTERFACES
 ∞ MATERIALS

PHASE CHANGE MATERIALS-(CONT.)

MELTING
ORGANIC MATERIALS
PHASE TRANSFORMATIONS
SOLAR ENERGY
SOLAR ENERGY CONVERSION
SOLAR HEATING
SUBLIMATION
TROMBE WALLS
WAXES
WORKING FLUIDS

PHASE COHERENCE

RT ∞ COHERENCE
COHERENCE COEFFICIENT
COHERENT LIGHT
WAVE FRONTS

PHASE CONJUGATION

GS CONJUGATION
. PHASE CONJUGATION

PHASE CONTRAST

GS CONTRAST
. PHASE CONTRAST
RT DIFFRACTION PATTERNS
ELECTRON MICROSCOPY
MICROSCOPY
OPTICAL MEASUREMENT
OPTICAL PATHS

PHASE CONTROL

RT CIRCUIT PROTECTION
 ∞ CONTROL
PHASED LOCKED SYSTEMS
TRANSFORMERS

PHASE DEMODULATORS

GS DEMODULATORS
. PHASE DEMODULATORS
RT MODEMS

PHASE DETECTORS

GS CIRCUITS
. PHASE DETECTORS
RT ∞ DETECTORS
PHASED LOCKED SYSTEMS
SIGNAL DETECTION
SYNCHRONISM

PHASE DEVIATION

RT MODULATED CONTINUOUS RADIATION

PHASE DIAGRAMS

UF CONSTITUTIONAL DIAGRAMS
EQUILIBRIUM DIAGRAMS
EUTECTIC DIAGRAMS
GS DIAGRAMS
. PHASE DIAGRAMS
RT ALLOYS
BINARY SYSTEMS (MATERIALS)
CRITICAL TEMPERATURE
EUTECTICS
HEAT OF FUSION
HEAT TREATMENT
INTERMETALLICS
LIQUID PHASES
LIQUIDS
LIQUIDUS
MELTING POINTS
SOLID PHASES
SOLID SOLUTIONS
SOLID SUSPENSIONS
SOLUBILITY
STOICHIOMETRY
TRANSITION POINTS
TRANSITION TEMPERATURE
VAPOR PHASES

PHASE ERROR

GS ERRORS
. PHASE ERROR
RT CIRCUIT PROTECTION
ERROR SIGNALS

PHASE LOCK DEMODULATORS

GS DEMODULATORS
. PHASE LOCK DEMODULATORS
RT CORRELATION DETECTION
PARAMETREONS

PHASE LOCKED SYSTEMS

RT FEEDBACK FREQUENCY MODULATION

PHASE LOCKED SYSTEMS-(CONT.)

OPTICAL COUPLING
SYNCHRONIZED OSCILLATORS
 ∞ SYSTEMS
TRACKING FILTERS

PHASE MATCHING

RT CRYSTAL OPTICS
CRYSTALS
FREQUENCY MULTIPLIERS
HARMONIC GENERATIONS
LASER OUTPUTS
LASERS

PHASE MODULATION

GS MODULATION
. PHASE MODULATION
RT . FM/PM (MODULATION)
. PHASE SHIFT KEYING
AMPLITUDE MODULATION
DEMODULATION
DEMODULATORS
FREQUENCY MODULATION
MODEMS
MODULATORS
PARAMETRIC FREQUENCY CONVERTERS
PULSE MODULATION
PUSH-PULL AMPLIFIERS

PHASE RULE

GS RULES
. PHASE RULE
RT CHEMICAL EQUILIBRIUM
DEGREES OF FREEDOM
 ∞ GIBBS EQUATIONS

PHASE SHIFT

UF PHASE ANGLE
RT ANGLES (GEOMETRY)
EQUALIZERS (CIRCUITS)
MICROWAVE SWITCHING
 ∞ PHASES
 ∞ SHIFT

PHASE SHIFT CIRCUITS

GS CIRCUITS
. PHASE SHIFT CIRCUITS
RT . CIRCULATORS (PHASE SHIFT
CIRCUITS)
DELAY CIRCUITS
DUPLEX OPERATION
GYRATORS

PHASE SHIFT KEYING

GS KEYING
. PHASE SHIFT KEYING
MODULATION
. PHASE MODULATION
RT . PHASE SHIFT KEYING
INFORMATION THEORY

PHASE SWITCHING INTERFEROMETERS

GS MEASURING INSTRUMENTS
. INTERFEROMETERS
. PHASE SWITCHING
INTERFEROMETERS
RT RADIO ASTRONOMY
RADIO TELESCOPES

PHASE TRANSFORMATIONS

GS PHASE TRANSFORMATIONS
. ARC MELTING
. FREEZING
. VIBRATIONAL FREEZING
. ZONE MELTING
. LIQUEFACTION
. COAL LIQUEFACTION
. MARTENSITIC TRANSFORMATION
. MELTING
. FUSION (MELTING)
. VACUUM MELTING
. VAPORIZING
. BOILING
. FILM BOILING
. NUCLEATE BOILING
. LEIDENFROST PHENOMENON
. EVAPORATION
. EVAPOTRANSPIRATION
. PROPELLANT EVAPORATION
. TRANSPIRATION
. FLASHING (VAPORIZING)
. PREVAPORIZATION
. SUBLIMATION
RT COLD HARDENING
CONDENSING

PHASE TRANSFORMATIONS-(CONT.)

CRITICAL TEMPERATURE
CRYSTALLIZATION
DIRECTIONAL SOLIDIFICATION
(CRYSTALS)
ELECTRON-HOLE DROPS
HEAT OF FUSION
MARTENSITE
MELT SPINNING
METAMORPHISM (GEOLOGY)
NEEL TEMPERATURE
ORDER-DISORDER TRANSFORMATIONS
PHASE CHANGE MATERIALS
 ∞ PHASES
SHAPE MEMORY ALLOYS
SOLIDIFICATION
SOLIDS
SYNTECTIC ALLOYS
 ∞ TRANSFORMATIONS
 ∞ TRANSITION
TRANSITION PRESSURE
TRANSITION TEMPERATURE

PHASE VELOCITY

GS RATES (PER TIME)
. PHASE VELOCITY
VELOCITY
RT . PHASE VELOCITY
ELECTROMAGNETIC RADIATION
GROUP VELOCITY
LANDAU DAMPING
PROPAGATION VELOCITY
QUANTUM MECHANICS
TRAVELING WAVES
WAVE FRONTS
WAVE PROPAGATION

PHASE-SPACE INTEGRAL

GS ANALYSIS (MATHEMATICS)
. PHASE-SPACE INTEGRAL
RT CLASSICAL MECHANICS
EUCLIDEAN GEOMETRY
HYPERSPACES
STATE VECTORS

PHASED ARRAYS

GS ARRAYS
. PHASED ARRAYS
RT ANTENNA ARRAYS
LINEAR ARRAYS
MONOPULSE ANTENNAS
SEISMOGRAPHS
STEERABLE ANTENNAS

PHASED LOCKED SYSTEMS

RT PHASE CONTROL
PHASE DETECTORS

 ∞ PHASES

SN *(USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)*
RT CYCLES
LIQUID PHASES
LUNAR PHASES
PHASE SHIFT
PHASE TRANSFORMATIONS
SOLID PHASES
TERMINATOR LINES
VAPOR PHASES

PHENACETIN

USE ACETANILIDE

PHENANTHRENE

GS HYDROCARBONS
. PHENANTHRENE
ISOMERS
RT . PHENANTHRENE
ANTHRACENE
DYES

PHENOBARBITAL

RT DRUGS
NARCOTICS
SEDATIVES

PHENOL FORMALDEHYDE

RT FORMALDEHYDE
PHENOLIC RESINS
RESINS

PHENOLIC EPOXY RESINS

GS RESINS

PHENOLIC RESINS

PHENOLIC EPOXY RESINS-(CONT.)

- . SYNTHETIC RESINS
- . THERMOSETTING RESINS
- PHENOLIC RESINS
- **PHENOLIC EPOXY RESINS**
- RT ADHESIVES
- AMINES
- CROSSLINKING

PHENOLIC RESINS

- GS PLASTICS
- . SYNTHETIC RESINS
- . THERMOSETTING RESINS
- **PHENOLIC RESINS**
- MICARTA
- RESINS
- . SYNTHETIC RESINS
- . THERMOSETTING RESINS
- **PHENOLIC RESINS**
- MICARTA
- PHENOLIC EPOXY RESINS
- RT PHENOL FORMALDEHYDE

PHENOLOGY

- GS PHENOMENOLOGY
- . **PHENOLOGY**
- RT ACTIVITY CYCLES (BIOLOGY)
- BIOCLIMATOLOGY
- CLIMATOLOGY
- COASTAL ECOLOGY
- ECOLOGY
- MIGRATION
- MOLTING
- RHYTHM (BIOLOGY)

PHENOLS

- GS HYDROXYL COMPOUNDS
- . ALCOHOLS
- . . **PHENOLS**
- . . . BISPHENOLS
- . . . CRESOLS
- . . . PHLOROGLUCINOL
- . . . THYMOL
- RT THIOLS

PHENOMENOLOGY

- GS **PHENOMENOLOGY**
- . MEDICAL PHENOMENA
- . MESOSCALE PHENOMENA
- . PHENOLOGY
- RT CASE HISTORIES
- MEDICAL SCIENCE

PHENOTHIAZINES

- GS HETEROCYCLIC COMPOUNDS
- . AZINES
- . . **PHENOTHIAZINES**
- PYRAZINES
- . AZINES
- . . **PHENOTHIAZINES**

PHENYLALANINE

- GS ACIDS
- . AMINO ACIDS
- . . ALANINE
- . . . **PHENYLALANINE**
- ORGANIC COMPOUNDS
- . AMINO ACIDS
- . . ALANINE
- . . . **PHENYLALANINE**

PHENYLS

- GS **PHENYLS**
- . POLYCHLORINATED BIPHENYLS
- . POLYPHENYLS
- . . TETRAPHENYLS
- . TERPHENYLS
- RT PROPARGYL GROUPS

PHILCO 2000 COMPUTER

- GS DATA PROCESSING EQUIPMENT
- . COMPUTERS
- . . DIGITAL COMPUTERS
- . . . **PHILCO 2000 COMPUTER**

PHILIPPINES

- GS LANDFORMS
- . ISLANDS
- . . PACIFIC ISLANDS
- . . . **PHILIPPINES**

PHILIPS IONIZATION GAGES

- GS MEASURING INSTRUMENTS
- . PRESSURE GAGES

PHILIPS IONIZATION GAGES-(CONT.)

- . . VACUUM GAGES
- . . . IONIZATION GAGES
- **PHILIPS IONIZATION GAGES**
- VACUUM APPARATUS
- . VACUUM GAGES
- . . IONIZATION GAGES
- . . . **PHILIPS IONIZATION GAGES**
- RT PRESSURE MEASUREMENT

PHILOSOPHY

- GS KNOWLEDGE
- . **PHILOSOPHY**
- . . PARADOXES
- RT LITERATURE
- ∞ LOGIC
- MATHEMATICAL LOGIC

PHLOROGLUCINOL

- GS HYDROXYL COMPOUNDS
- . ALCOHOLS
- . . PHENOLS
- . . . **PHLOROGLUCINOL**
- RT CHEMICAL INDICATORS
- RESINS

PHOBIAS

- GS **PHOBIAS**
- . FEAR
- . . FEAR OF FLYING
- RT ANXIETY
- EMOTIONAL FACTORS

PHOBOS

- GS CELESTIAL BODIES
- . NATURAL SATELLITES
- . . **PHOBOS**
- SATELLITES
- . NATURAL SATELLITES
- . . SATURN SATELLITES
- . . . **PHOBOS**
- RT DEIMOS
- MARS (PLANET)
- SATURN (PLANET)

PHOEBUS NUCLEAR REACTOR

- GS NUCLEAR REACTORS
- . **PHOEBUS NUCLEAR REACTOR**
- RT KIWI REACTORS
- NUCLEAR ENGINE FOR ROCKET
- VEHICLES
- NUCLEAR ROCKET ENGINES

PHOENIX (AZ)

- GS CITIES
- . **PHOENIX (AZ)**
- RT ARIZONA

PHOENIX QUADRANGLE (AZ)

- GS LANDFORMS
- . **PHOENIX QUADRANGLE (AZ)**
- RT ARIZONA
- GEODETIC SURVEYS
- MAPPING

PHOENIX SOUNDING ROCKET

- GS ROCKET VEHICLES
- . MULTISTAGE ROCKET VEHICLES
- . . **PHOENIX SOUNDING ROCKET**
- . SOUNDING ROCKETS
- . . **PHOENIX SOUNDING ROCKET**
- RT SOLID PROPELLANT ROCKET ENGINES

PHONEMES

- GS LINGUISTICS
- . **PHONEMES**
- SPEECH
- . **PHONEMES**
- RT LANGUAGES
- PHONEMICS
- PHONETICS
- PSYCHOLINGUISTICS
- SPEECH RECOGNITION
- WORDS (LANGUAGE)

PHONEMICS

- GS LINGUISTICS
- . **PHONEMICS**
- RT INTELLIGIBILITY
- LANGUAGES
- PHONEMES
- PHONETICS
- PSYCHOLINGUISTICS

NASA THESAURUS (VOLUME 1)

PHONEMICS-(CONT.)

- SPEECH
- SPEECH DEFECTS
- SPEECH RECOGNITION
- WORDS (LANGUAGE)

PHONETICS

- GS SPEECH
- . **PHONETICS**
- RT ACOUSTICS
- INTELLIGIBILITY
- LANGUAGES
- PHONEMES
- PHONEMICS
- SPEECH DEFECTS
- SPEECH RECOGNITION
- VERBAL COMMUNICATION
- WORDS (LANGUAGE)

PHONOARTERIOGRAPHY

- RT ARTERIES
- BLOOD CIRCULATION
- PHONOCARDIOGRAPHY

PHONOCARDIOGRAMS

- USE PHONOCARDIOGRAPHY

PHONOCARDIOGRAPHY

- UF PHONOCARDIOGRAMS
- VIBROCARDIOGRAPHY
- GS BIOENGINEERING
- . BIOMETRICS
- . . CARDIOGRAPHY
- . . . **PHONOCARDIOGRAPHY**
- ECHOCARDIOGRAPHY
- RT BALLISTOCARDIOGRAPHY
- ELECTROCARDIOGRAPHY
- HEART
- HEART DISEASES
- PHONOARTERIOGRAPHY
- VECTORCARDIOGRAPHY

PHONON BEAMS

- GS BEAMS (RADIATION)
- . **PHONON BEAMS**
- ELASTIC WAVES
- . PHONONS
- . . **PHONON BEAMS**
- ELECTROMAGNETIC RADIATION
- . THERMAL RADIATION
- . . **PHONON BEAMS**
- ELEMENTARY EXCITATIONS
- . PHONONS
- . . **PHONON BEAMS**
- RT CORPUSCULAR RADIATION
- PARTICLE BEAMS
- PHOTON BEAMS
- UMKLAPP PROCESS

PHONONS

- GS ELASTIC WAVES
- . **PHONONS**
- . . PHONON BEAMS
- ELEMENTARY EXCITATIONS
- . **PHONONS**
- . . PHONON BEAMS
- RT CRYSTAL STRUCTURE
- LATTICE VIBRATIONS
- PLASMONS
- POLARONS
- SOUND WAVES
- UMKLAPP PROCESS

PHORIA

- GS DISEASES
- . EYE DISEASES
- . . **PHORIA**

PHOSGENE

- GS ALIPHATIC COMPOUNDS
- . **PHOSGENE**
- GASES
- . **PHOSGENE**
- HALOGEN COMPOUNDS
- . CHLORINE COMPOUNDS
- . . CHLORIDES
- . . . **PHOSGENE**
- . . . HALIDES
- . . . CHLORIDES
- . . . **PHOSGENE**
- POISONS
- . **PHOSGENE**
- RT ∞CHEMICAL COMPOUNDS

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PHOSPHATES

GS PHOSPHORUS COMPOUNDS
 . **PHOSPHATES**
 . . . AMMONIUM PHOSPHATES
 . . . CALCIUM PHOSPHATES
 . . . DIPHOSPHATES
 . . . ADENOSINE DIPHOSPHATE
 . . . INDIUM PHOSPHATES
 . . . MONAZITE SANDS
 . . . NUCLEOTIDES
 . . . ADENINES
 . . . ADENOSINES
 ADENOSINE DIPHOSPHATE
 ADENOSINE TRIPHOSPHATE
 . . . POLYNUCLEOTIDES
 . . . PYRIDINE NUCLEOTIDES
 . . . URIDYLIC ACID
 . . . POTASSIUM PHOSPHATES
 . . . TRISODIUM PHOSPHATES
 RT KREEP
 PHOSPHORIC ACID
 SKYDROL (TRADEMARK)

PHOSPHAZENE

GS ORGANIC COMPOUNDS
 . **PHOSPHAZENE**
 RT NITROGEN COMPOUNDS
 PHOSPHINES
 PHOSPHONITRILES
 POLYMER CHEMISTRY

PHOSPHENE

RT LUMINOSITY
 RETINA
 VISION

PHOSPHIDES

GS PHOSPHORUS COMPOUNDS
 . **PHOSPHIDES**
 . . . BORON PHOSPHIDES
 . . . GALLIUM PHOSPHIDES
 . . . INDIUM PHOSPHIDES
 . . . MANGANESE PHOSPHIDES
 . . . SCHREIBERSITE

PHOSPHINES

GS HYDROGEN COMPOUNDS
 . HYDRIDES
 . **PHOSPHINES**
 PHOSPHORUS COMPOUNDS
 . **PHOSPHINES**
 RT PHOSPHAZENE

PHOSPHONITRILES

GS NITRILES
 . **PHOSPHONITRILES**
 NITROGEN COMPOUNDS
 . **PHOSPHONITRILES**
 PHOSPHORUS COMPOUNDS
 . ORGANIC PHOSPHORUS COMPOUNDS
 . . **PHOSPHONITRILES**
 RT PHOSPHAZENE

PHOSPHONIUM COMPOUNDS

GS PHOSPHORUS COMPOUNDS
 . **PHOSPHONIUM COMPOUNDS**

PHOSPHORESCENCE

GS DECAY
 . EMISSION
 . . . LIGHT EMISSION
 . . . LUMINESCENCE
 FLUORESCENCE
 **PHOSPHORESCENCE**
 ELECTROMAGNETIC PROPERTIES
 . OPTICAL PROPERTIES
 . . **PHOSPHORESCENCE**
 RT AFTERGLOWS
 BIOLUMINESCENCE
 CHEMILUMINESCENCE
 PHOSPHORS
 PLASMA RADIATION
 SCINTILLATION
 TRAPPING

PHOSPHORIC ACID

GS ACIDS
 . **PHOSPHORIC ACID**
 PHOSPHORUS COMPOUNDS
 . **PHOSPHORIC ACID**
 RT PHOSPHATES

PHOSPHORIC ACID FUEL CELLS

GS ELECTRIC GENERATORS

PHOSPHORIC ACID FUEL CELLS-(CONT.)

. DIRECT POWER GENERATORS
 . . FUEL CELLS
 . . . **PHOSPHORIC ACID FUEL CELLS**
 ELECTROCHEMICAL CELLS
 . FUEL CELLS
 . . **PHOSPHORIC ACID FUEL CELLS**
 RT BIOCHEMICAL FUEL CELLS
 ELECTROLYTIC CELLS
 ENERGY TECHNOLOGY
 HYDROGEN OXYGEN FUEL CELLS
 REGENERATIVE FUEL CELLS
 TOTAL ENERGY SYSTEMS

PHOSPHORS

GS **PHOSPHORS**
 . RADIOPHOSPHORS
 RT FLUORESCENCE
 IMAGE INTENSIFIERS
 MERCURY LAMPS
 PHOSPHORESCENCE
 PHOTOGRAPHIC FILM

PHOSPHORUS

GS CHEMICAL ELEMENTS
 . **PHOSPHORUS**
 . . PHOSPHORUS ISOTOPES
 . . . PHOSPHORUS 32

PHOSPHORUS COMPOUNDS

GS **PHOSPHORUS COMPOUNDS**
 . DIETHYL HYDROGEN PHOSPHITE
 (DEHP)
 . ORGANIC PHOSPHORUS COMPOUNDS
 . . PHOSPHONITRILES
 . . URIDYLIC ACID
 . PHOSPHATES
 . . AMMONIUM PHOSPHATES
 . . . CALCIUM PHOSPHATES
 . . . DIPHOSPHATES
 . . . ADENOSINE DIPHOSPHATE
 . . . INDIUM PHOSPHATES
 . . . MONAZITE SANDS
 . . . NUCLEOTIDES
 . . . ADENINES
 . . . ADENOSINES
 ADENOSINE DIPHOSPHATE
 ADENOSINE TRIPHOSPHATE
 . . . POLYNUCLEOTIDES
 . . . PYRIDINE NUCLEOTIDES
 . . . URIDYLIC ACID
 . . . POTASSIUM PHOSPHATES
 . . . TRISODIUM PHOSPHATES
 . PHOSPHIDES
 . . BORON PHOSPHIDES
 . . GALLIUM PHOSPHIDES
 . . INDIUM PHOSPHIDES
 . . MANGANESE PHOSPHIDES
 . . SCHREIBERSITE
 . PHOSPHINES
 . PHOSPHONIUM COMPOUNDS
 . PHOSPHORIC ACID
 . PHOSPHORUS OXIDES
 . PHOSPHORUS POLYMERS
 . ALIPHATIC COMPOUNDS
 . . GROUP 5A COMPOUNDS
 RT

PHOSPHORUS ISOTOPES

GS CHEMICAL ELEMENTS
 . NUCLIDES
 . . ISOTOPES
 . . . **PHOSPHORUS ISOTOPES**
 PHOSPHORUS 32
 . . . PHOSPHORUS
 . . **PHOSPHORUS ISOTOPES**
 . . . PHOSPHORUS 32

PHOSPHORUS METABOLISM

GS METABOLISM
 . **PHOSPHORUS METABOLISM**

PHOSPHORUS OXIDES

GS CHALCOGENIDES
 . OXIDES
 . . **PHOSPHORUS OXIDES**
 PHOSPHORUS COMPOUNDS
 . **PHOSPHORUS OXIDES**

PHOSPHORUS POLYMERS

GS PHOSPHORUS COMPOUNDS
 . **PHOSPHORUS POLYMERS**
 RT . . POLYMERS

PHOSPHORUS 32

GS CHEMICAL ELEMENTS

PHOTOCONDUCTIVE CELLS

PHOSPHORUS 32-(CONT.)

. NUCLIDES
 . . ISOTOPES
 . . . PHOSPHORUS ISOTOPES
 **PHOSPHORUS 32**
 . . . RADIOACTIVE ISOTOPES
 **PHOSPHORUS 32**
 . PHOSPHORUS
 . . PHOSPHORUS ISOTOPES
 . . . **PHOSPHORUS 32**

PHOSPHORYLATION

GS CHEMICAL REACTIONS
 . **PHOSPHORYLATION**

PHOTICS

RT LIGHT (VISIBLE RADIATION)
 . OPTICS

PHOTO RECONNAISSANCE SPACECRAFT

GS MILITARY SPACECRAFT
 . RECONNAISSANCE SPACECRAFT
 . . **PHOTO RECONNAISSANCE SPACECRAFT**
 RT . . SPACECRAFT

PHOTOABSORPTION

GS ENERGY ABSORPTION
 . ELECTROMAGNETIC ABSORPTION
 . . **PHOTOABSORPTION**
 RADIATION ABSORPTION
 . ELECTROMAGNETIC ABSORPTION
 . . **PHOTOABSORPTION**

PHOTOACOUSTIC SPECTROSCOPY

GS SPECTROSCOPY
 . **PHOTOACOUSTIC SPECTROSCOPY**

PHOTOCATHODES

GS ELECTRODES
 . CATHODES
 . . TUBE CATHODES
 . . . **PHOTOCATHODES**
 RT IMAGE CONVERTERS
 IMAGE INTENSIFIERS
 IMAGE ORTHICONS
 LIGHT AMPLIFIERS
 MICROCHANNELS
 ORTHICONS
 PHOTOELECTRIC CELLS
 PHOTOELECTRIC EMISSION
 PHOTOELECTRIC MATERIALS
 PHOTOMULTIPLIER TUBES

PHOTOCELLS

USE PHOTOELECTRIC CELLS

PHOTOCHEMICAL OXIDANTS

GS OXIDIZERS
 . **PHOTOCHEMICAL OXIDANTS**
 RT AIR POLLUTION
 ATMOSPHERIC CHEMISTRY
 NITROGEN OXIDES
 OZONE
 PHOTOOXIDATION

PHOTOCHEMICAL REACTIONS

UF PHOTOCHEMISTRY
 PHOTOREDUCTION
 GS CHEMICAL REACTIONS
 . **PHOTOCHEMICAL REACTIONS**
 . . PHOTOCROMISM
 . . PHOTODECOMPOSITION
 . . . PHOTOLYSIS
 RADIOLYSIS
 . . . PHOTOSYNTHESIS
 RT ASSOCIATION REACTIONS
 ATMOSPHERIC CHEMISTRY
 CHARGE TRANSFER
 SODALITE

PHOTOCHEMISTRY

USE PHOTOCHEMICAL REACTIONS

PHOTOCHROMISM

GS CHEMICAL REACTIONS
 . PHOTOCHEMICAL REACTIONS
 . . **PHOTOCHROMISM**
 RT COLOR PHOTOGRAPHY
 SODALITE

PHOTOCONDUCTIVE CELLS

GS PHOTOELECTRIC CELLS
 . **PHOTOCONDUCTIVE CELLS**

PHOTOCONDUCTIVITY

PHOTOCONDUCTIVE CELLS-(CONT.)

RT ∞ CELLS
PHOTOVOLTAIC CELLS

PHOTOCONDUCTIVITY

UF PHOTORESISTIVITY
GS ELECTROMAGNETIC PROPERTIES
. ELECTRICAL PROPERTIES
. **PHOTOCONDUCTIVITY**
. OPTICAL PROPERTIES
. **PHOTOCONDUCTIVITY**
TRANSPORT PROPERTIES
. ELECTRICAL RESISTIVITY
. **PHOTOCONDUCTIVITY**
RT ∞ CONDUCTIVITY
MERCURY CADMIUM TELLURIDES
PHOTOCONDUCTORS
PHOTOELECTRICITY
SQUARE WELLS

PHOTOCONDUCTORS

UF PHOTORESISTORS
GS CONDUCTORS
. **PHOTOCONDUCTORS**
SEMICONDUCTORS (MATERIALS)
. **PHOTOCONDUCTORS**
RT MERCURY CADMIUM TELLURIDES
PHOTOCONDUCTIVITY
PHOTODIODES
PHOTOELECTRIC CELLS
PHOTOELECTRIC MATERIALS
PHOTOMETERS
PHOTOTRANSISTORS
RESISTORS

PHOTOCURRENTS

USE ELECTRIC CURRENT
PHOTOELECTRIC EMISSION

PHOTODECOMPOSITION

GS CHEMICAL REACTIONS
. PHOTOCHEMICAL REACTIONS
. **PHOTODECOMPOSITION**
DECOMPOSITION
. **PHOTODECOMPOSITION**
RADIATION CHEMISTRY
. **PHOTODECOMPOSITION**
RT ELECTROMAGNETIC ABSORPTION
PHOTODETACHMENT
PHOTOLYSIS

PHOTODETACHMENT

RT PHOTODECOMPOSITION
PHOTOIONIZATION

PHOTODETECTORS

USE PHOTOMETERS

PHOTODIODES

GS ELECTRONIC EQUIPMENT
. DIODES
. SEMICONDUCTOR DIODES
. **PHOTODIODES**
. SOLID STATE DEVICES
. SEMICONDUCTOR DEVICES
. **PHOTODIODES**
RT ION IMPLANTATION
LASERS
MERCURY CADMIUM TELLURIDES
PHOTOCONDUCTORS
PHOTOELECTRIC CELLS
PHOTOELECTRIC MATERIALS
PHOTOTRANSISTORS
PHOTOTUBES
PUSHBROOM SENSOR MODES
SIS (SEMICONDUCTORS)
SOLAR CELLS

PHOTODISSOCIATION

GS DECOMPOSITION
. **PHOTODISSOCIATION**
DISSOCIATION
. **PHOTODISSOCIATION**
RADIATION CHEMISTRY
. **PHOTODISSOCIATION**
RT ELECTROMAGNETIC ABSORPTION
PHOTOLYSIS

PHOTOELASTIC ANALYSIS

UF PHOTOELASTIC STRESS MEASUREMENT
RT FRINGE MULTIPLICATION
MOIRE EFFECTS
∞ OPTICS
PHOTOGRAPHIC MEASUREMENT

PHOTOELASTIC ANALYSIS-(CONT.)

∞ POLARIZATION
POLARIZATION (WAVES)
STRESS ANALYSIS
STRESS MEASUREMENT
TEMPERATURE INVERSIONS

PHOTOELASTIC MATERIALS

RT ∞ MATERIALS
PHOTOELASTICITY

PHOTOELASTIC STRESS MEASUREMENT

USE PHOTOELASTIC ANALYSIS

PHOTOELASTICITY

GS ELECTROMAGNETIC PROPERTIES
. **PHOTOELASTICITY**
. PHOTOVISCOELASTICITY
MECHANICAL PROPERTIES
. ELASTIC PROPERTIES
. **PHOTOELASTICITY**
. PHOTOVISCOELASTICITY
RT BIREFRINGENCE
DICHROISM
PHOTOELASTIC MATERIALS
POLARIZED LIGHT
PRISMS
REFRACTION
STRESS ANALYSIS

PHOTOELECTRIC CELLS

UF PHOTOCELLS
GS **PHOTOELECTRIC CELLS**
. PHOTOCONDUCTIVE CELLS
. PHOTOVOLTAIC CELLS
RT ∞ CELLS
DIRECT POWER GENERATORS
∞ ELECTRIC CELLS
ELECTROCHEMICAL CELLS
ENERGY ABSORPTION FILMS
PHOTOCATHODES
PHOTOCONDUCTORS
PHOTODIODES
PHOTOMETERS
PHOTOMULTIPLIER TUBES
PHOTOTRANSISTORS
PHOTOTUBES
SOLAR CELLS
SOLAR GENERATORS
TRANSDUCERS

PHOTOELECTRIC EFFECT

GS DECAY
. EMISSION
. **PHOTOELECTRIC EFFECT**
. PHOTOIONIZATION
ELECTROMAGNETIC PROPERTIES
. OPTICAL PROPERTIES
. **PHOTOELECTRIC EFFECT**
. PHOTOIONIZATION
RT PHOTOELECTRICITY
PHOTOELECTRONS
PHOTOTHERMAL CONVERSION

PHOTOELECTRIC EMISSION

UF PHOTOCURRENTS
PHOTOEMISSION
PHOTOEMISSIVITY
GS DECAY
. EMISSION
. PARTICLE EMISSION
. ELECTRON EMISSION
. **PHOTOELECTRIC EMISSION**
ELECTROMAGNETIC PROPERTIES
. OPTICAL PROPERTIES
. **PHOTOELECTRIC EMISSION**
RT ELECTRICAL PROPERTIES
EXTERNAL SURFACE CURRENTS
PHOTOCATHODES
PHOTOELECTRICITY
PHOTOIONIZATION
PHOTOPEAK
STIMULATED EMISSION
WORK FUNCTIONS

PHOTOELECTRIC GENERATORS

GS ELECTRIC GENERATORS
. DIRECT POWER GENERATORS
. **PHOTOELECTRIC GENERATORS**
RT ∞ GENERATORS
PHOTOELECTROCHEMICAL DEVICES
SOLAR ENERGY CONVERSION
SOLAR GENERATORS
THERMOELECTRIC GENERATORS

PHOTOELECTRIC MATERIALS

UF PHOTOEMITTERS
RT ELECTRON EMISSION
∞ MATERIALS
PHOTOCATHODES
PHOTOCONDUCTORS
PHOTODIODES
PHOTOELECTRICITY
PHOTOELECTRONS
PHOTOTRANSISTORS
PHOTOTUBES
PHOTOVOLTAIC CELLS

PHOTOELECTRIC PHOTOMETERS

USE ELECTROPHOTOMETERS

PHOTOELECTRICITY

UF PHOTOELECTRONICS
PHOTOSENSORS
RT COMPTON EFFECT
ELECTRICITY
OPTICAL PROPERTIES
PHOTOCONDUCTIVITY
PHOTOELECTRIC EFFECT
PHOTOELECTRIC EMISSION
PHOTOELECTRIC MATERIALS
PHOTOELECTRONS
PHOTOVOLTAGES
PHOTOVOLTAIC EFFECT

PHOTOELECTROCHEMICAL DEVICES

RT ∞ DEVICES
ELECTROCHEMICAL CELLS
ENERGY TECHNOLOGY
PHOTOELECTRIC GENERATORS
PHOTOELECTROCHEMISTRY
PHOTON BEAMS
SOLAR ENERGY CONVERSION

PHOTOELECTROCHEMISTRY

GS ELECTROCHEMISTRY
. **PHOTOELECTROCHEMISTRY**
RT PHOTOELECTROCHEMICAL DEVICES

PHOTOELECTROMAGNETIC DETECTORS

USE PHOTOELECTROMAGNETIC EFFECTS
RADIATION MEASURING INSTRUMENTS

PHOTOELECTROMAGNETIC EFFECTS

UF PHOTOELECTROMAGNETIC DETECTORS
RT EXCITONS
INTERMETALLICS

PHOTOELECTRON SPECTROSCOPY

GS SPECTROSCOPY
. **PHOTOELECTRON SPECTROSCOPY**
RT ELECTRON EMISSION
SPECTROSCOPIC ANALYSIS

PHOTOELECTRONICS

USE ELECTRONICS
PHOTOELECTRICITY

PHOTOELECTRONS

GS PARTICLES
. NUCLEAR PARTICLES
. **PHOTOELECTRONS**
RT ELECTRON EMISSION
PHOTOELECTRIC EFFECT
PHOTOELECTRIC MATERIALS
PHOTOELECTRICITY
PHOTOIONIZATION
PHOTOMAGNETIC EFFECTS
PHOTONEUTRONS
PHOTONUCLEAR REACTIONS
PHOTOVOLTAIC EFFECT

PHOTOEMISSION

USE PHOTOELECTRIC EMISSION

PHOTOEMISSIVITY

USE EMISSIVITY
PHOTOELECTRIC EMISSION

PHOTOEMITTERS

USE PHOTOELECTRIC MATERIALS

PHOTOENGRAVING

RT PHOTOMECHANICAL EFFECT
PRINTING

PHOTO GEOLOGY

GS GEOLOGY
. **PHOTO GEOLOGY**

PHOTO GEOLOGY-(CONT.)

RT AERIAL PHOTOGRAPHY
EARTH RESOURCES SURVEY AIRCRAFT
GEOLOGICAL SURVEYS
GEOMORPHOLOGY
ICE MAPPING
NATURAL GAS EXPLORATION
PHOTOGRAMMETRY
PHOTOMAPPING
RECONNAISSANCE
THEMATIC MAPPING

PHOTO GONIOMETERS

GS MEASURING INSTRUMENTS
. GONIOMETERS
. . . **PHOTO GONIOMETERS**
. . . OPTICAL MEASURING INSTRUMENTS
. . . **PHOTO GONIOMETERS**
OPTICAL EQUIPMENT
. . . OPTICAL MEASURING INSTRUMENTS
. . . **PHOTO GONIOMETERS**
RT ANGLES (GEOMETRY)
DIFFRACTOMETERS
INTERFEROMETERS
MONOCHROMATORS
SPECTROMETERS

PHOTOGRAMMETRY

GS PHOTOGRAPHIC MEASUREMENT
. **PHOTOGRAMMETRY**
RT AERIAL PHOTOGRAPHY
MAPPING
PHOTO GEOLOGY
PHOTORECONNAISSANCE
PROJECTORS
RELIEF MAPS
STEREOPHOTOGRAPHY
SURVEYS
TERRAIN ANALYSIS

PHOTOGRAPH INTERPRETATION

USE PHOTOINTERPRETATION

PHOTOGRAPHIC DEVELOPERS

UF DEVELOPERS (PHOTOGRAPHY)
RT ∞ DEVELOPMENT
PHOTOGRAPHS

PHOTOGRAPHIC EMULSIONS

GS MIXTURES
. DISPERSIONS
. . . EMULSIONS
. . . **PHOTOGRAPHIC EMULSIONS**
. NUCLEAR EMULSIONS
. SOLUTIONS
. . . **PHOTOGRAPHIC EMULSIONS**
. NUCLEAR EMULSIONS
RT PHOTOSENSITIVITY

PHOTOGRAPHIC EQUIPMENT

GS **PHOTOGRAPHIC EQUIPMENT**
. CAMERAS
. . . BAKER-NUNN CAMERA
. . . BALLISTIC CAMERAS
. . . DELFT CAMERA
. . . DIFFRACTION LIMITED CAMERAS
. . . FAINT OBJECT CAMERA
. . . HIGH SPEED CAMERAS
. . . FRAMING CAMERAS
. . . I2S CAMERAS
. . . LALLEMAND CAMERAS
. . . MULTISPECTRAL BAND CAMERAS
. . . PANORAMIC CAMERAS
. . . PINHOLE CAMERAS
. . . SCHMIDT CAMERAS
. . . STREAK CAMERAS
. . . TELEVISION CAMERAS
. . . PHOTOGRAPHIC PROCESSING EQUIPMENT
. . . PHOTOGRAPHIC RECTIFIERS
RT ∞ EQUIPMENT
LENSES
OPTICAL EQUIPMENT
OPTICAL FILTERS
PHOTOMETERS
PROJECTORS

PHOTOGRAPHIC FILM

GS **PHOTOGRAPHIC FILM**
. MICROFILMS
RT ∞ FILMS
MAGAZINES (SUPPLY CHAMBERS)
OPTICAL DATA STORAGE MATERIALS
OPTICAL FILTERS
PHOSPHORS

PHOTOGRAPHIC FILM-(CONT.)

PHOTOGRAPHS
POLYMERIC FILMS
SABATIER REACTION

PHOTOGRAPHIC MEASUREMENT

GS **PHOTOGRAPHIC MEASUREMENT**
. PHOTOGRAMMETRY
RT DOSIMETERS
∞ MEASUREMENT
OPTICAL CORRECTION PROCEDURE
OPTICAL MEASUREMENT
PHOTOELASTIC ANALYSIS
PHOTOINTERPRETATION
PHOTOMETRY
PHOTORECONNAISSANCE
SPECTROMETERS

PHOTOGRAPHIC PLATES

RT GLASS
PHOTOGRAPHIC PROCESSING
PHOTOGRAPHS
∞ PLATES

PHOTOGRAPHIC PROCESSING

RT DARKROOMS
PHOTOGRAPHIC PLATES
PHOTOGRAPHS
PHOTOGRAPHY
PRINTING
∞ PROCESSING

PHOTOGRAPHIC PROCESSING EQUIPMENT

GS PHOTOGRAPHIC EQUIPMENT
. **PHOTOGRAPHIC PROCESSING EQUIPMENT**
RT DARKROOMS
PHOTOGRAPHY
REPRODUCTION (COPYING)

PHOTOGRAPHIC RECORDING

GS RECORDING
. **PHOTOGRAPHIC RECORDING**
RT DATA RECORDING
HOLOGRAMMETRY
INTERMITTENCY HYPOTHESIS
PHOTOGRAPHS
RECORDING INSTRUMENTS

PHOTOGRAPHIC RECTIFIERS

GS OPTICAL EQUIPMENT
. **PHOTOGRAPHIC RECTIFIERS**
. PHOTOGRAPHIC EQUIPMENT
. **PHOTOGRAPHIC RECTIFIERS**
RT ∞ CONDENSERS

PHOTOGRAPHIC TRACKING

GS TRACKING (POSITION)
. **PHOTOGRAPHIC TRACKING**
RT CINETHODOLITES
OPTICAL TRACKING
SATELLITE TRACKING
SPACE DETECTION AND TRACKING SYSTEM

PHOTOGRAPHS

GS **PHOTOGRAPHS**
. CLOUD PHOTOGRAPHS
. LUNAR PHOTOGRAPHS
. MARS PHOTOGRAPHS
. MICROPHOTOGRAPHS
. MOTION PICTURES
. PHOTOMICROGRAPHS
RT DISPLAY DEVICES
IMAGES
MOSAICS
OPTICAL CORRECTION PROCEDURE
PHOTOGRAPHIC DEVELOPERS
PHOTOGRAPHIC FILM
PHOTOGRAPHIC PLATES
PHOTOGRAPHIC PROCESSING
PHOTOGRAPHIC RECORDING
PHOTOGRAPHY
REPRESENTATIONS
SPATIAL FILTERING
VISUAL AIDS
XEROGRAPHY

PHOTOGRAPHY

GS **PHOTOGRAPHY**
. AERIAL PHOTOGRAPHY
. ALL SKY PHOTOGRAPHY
. ASTRONOMICAL PHOTOGRAPHY
. AUTORADIOGRAPHY

PHOTOGRAPHY-(CONT.)

. BLACK AND WHITE PHOTOGRAPHY
. CHRONOPHOTOGRAPHY
. CINEMATOGRAPHY
. CLOUD PHOTOGRAPHY
. COLOR PHOTOGRAPHY
. ELECTRO-OPTICAL PHOTOGRAPHY
. ELECTRON PHOTOGRAPHY
. FRACTOGRAPHY
. FRAME PHOTOGRAPHY
. HOLOGRAPHY
. . . ACOUSTICAL HOLOGRAPHY
. . . MICROWAVE HOLOGRAPHY
. . . WHITE LIGHT HOLOGRAPHY
. INFRARED IMAGERY
. LUNAR PHOTOGRAPHY
. METRIC PHOTOGRAPHY
. MICROWAVE PHOTOGRAPHY
. MULTISPECTRAL PHOTOGRAPHY
. . . INFRARED PHOTOGRAPHY
. COLOR INFRARED PHOTOGRAPHY
. RADAR PHOTOGRAPHY
. ORTHOPHOTOGRAPHY
. PHOTOMICROGRAPHY
. ROCKET-BORNE PHOTOGRAPHY
. SHADOWGRAPH PHOTOGRAPHY
. SCHLIEREN PHOTOGRAPHY
. SPACEBORNE PHOTOGRAPHY
. SATELLITE-BORNE PHOTOGRAPHY
. SPECTROPHOTOGRAPHY
. STEREOSCOPY
. STEREOPHOTOGRAPHY
. STREAK PHOTOGRAPHY
. ULTRAVIOLET PHOTOGRAPHY
. ULTRAVIOLET PHOTOMETRY
. UNDERWATER PHOTOGRAPHY
. UROGRAPHY

RT BRIGHTNESS DISTRIBUTION
BRIGHTNESS TEMPERATURE
CAMERAS
DARKROOMS
EARTH OBSERVATIONS (FROM SPACE)
EARTH RESOURCES
EVAPOROGRAPHY
EXPOSURE
GRAPHIC ARTS
HS-801 AIRCRAFT
ICE MAPPING
IMAGERY
IMAGING TECHNIQUES
MAPPING
MULTISPECTRAL BAND CAMERAS
MULTISPECTRAL BAND SCANNERS
PANORAMIC CAMERAS
PHOTOGRAPHIC PROCESSING
PHOTOGRAPHIC PROCESSING EQUIPMENT
PHOTOGRAPHS
PHOTOMECHANICAL EFFECT
PHOTORECONNAISSANCE
PINHOLE CAMERAS
PROJECTORS
RADIOGRAPHY
RAPID BALLISTICS IDENTIFICATION
REPRODUCTION (COPYING)
TIMBER INVENTORY
WAVE FRONT RECONSTRUCTION
XEROGRAPHY

PHOTOINTERPRETATION

UF PHOTOGRAPH INTERPRETATION
RT AERIAL PHOTOGRAPHY
∞ ANALYZING
GROUND TRUTH
∞ INTERPRETATION
PHOTOGRAPHIC MEASUREMENT
PHOTOMAPPING
PHOTORECONNAISSANCE
SEA TRUTH
SPATIAL FILTERING

PHOTOIONIZATION

GS DECAY
. EMISSION
. . . PHOTOELECTRIC EFFECT
. **PHOTOIONIZATION**
. ELECTROMAGNETIC PROPERTIES
. OPTICAL PROPERTIES
. PHOTOELECTRIC EFFECT
. **PHOTOIONIZATION**
. IONIZATION
. **PHOTOIONIZATION**
RT ATMOSPHERIC IONIZATION
AURORAL IONIZATION
AURORAL IRRADIATION

PHOTOLITHOGRAPHY

PHOTOIONIZATION-(CONT.)

ELECTRON EMISSION
GAS IONIZATION
PHOTODETACHMENT
PHOTOELECTRIC EMISSION
PHOTOELECTRONS

PHOTOLITHOGRAPHY

GS PRINTING
. LITHOGRAPHY
. . **PHOTOLITHOGRAPHY**
RT MICROELECTRONICS
MICROMODULES

PHOTOLUMINESCENCE

GS DECAY
. EMISSION
. . LIGHT EMISSION
. . . LUMINESCENCE
. . . . **PHOTOLUMINESCENCE**
. X RAY FLUORESCENCE
RT FLUORESCENCE
PHOTOLUMINESCENT BANDS

PHOTOLUMINESCENT BANDS

GS SPECTRA
. SPECTRAL BANDS
. . **PHOTOLUMINESCENT BANDS**
RT ABSORPTION SPECTRA
 ∞ BANDS
EMISSION SPECTRA
PHOTOLUMINESCENCE

PHOTOLYSIS

GS CHEMICAL REACTIONS
. PHOTOCHEMICAL REACTIONS
. . **PHOTOLYSIS**
. . . RADIOLYSIS
DECOMPOSITION
. **PHOTOLYSIS**
. . RADIOLYSIS
RADIATION CHEMISTRY
. **PHOTOLYSIS**
RT CRACKING (CHEMICAL ENGINEERING)
ELECTROLYSIS
PHOTODECOMPOSITION
PHOTODISSOCIATION

PHOTOMAGNETIC EFFECTS

RT DEUTERONS
GAMMA RAYS
PHOTOELECTRONS
SPIN DECOUPLING

PHOTOMAPPING

GS MAPPING
. **PHOTOMAPPING**
RT AERIAL PHOTOGRAPHY
COLOR PHOTOGRAPHY
EARTH RESOURCES
GEODESY
GEOLOGY
GNOMONIC PROJECTION
HOLOGRAMMETRY
ICE MAPPING
MAPS
OCEAN COLOR SCANNER
PHOTO GEOLOGY
PHOTOINTERPRETATION
ROCKET-BORNE PHOTOGRAPHY
SATELLITE-BORNE PHOTOGRAPHY
SOIL MAPPING
SPACEBORNE PHOTOGRAPHY
THEMATIC MAPPING
THERMAL MAPPING
TOPOGRAPHY

PHOTOMAPS

GS MAPS
. **PHOTOMAPS**
RT AERIAL PHOTOGRAPHY
RELIEF MAPS
SATELLITE-BORNE PHOTOGRAPHY
SPACEBORNE PHOTOGRAPHY
THEMATIC MAPPING

PHOTOMASKS

RT ARRAYS
CIRCUIT DIAGRAMS
INTEGRATED CIRCUITS
MASKING
MICROELECTRONICS
MICROPHOTOGRAPHS
 ∞ PATTERNS
PRINTED CIRCUITS

PHOTOMASKS-(CONT.)

SOLID STATE DEVICES
SUBSTRATES
WAFERS

PHOTOMECHANICAL EFFECT

RT ∞ EFFECTS
LITHOGRAPHY
PHOTOENGRAVING
PHOTOGRAPHY
PRINTING

PHOTOMETERS

UF MICROPHOTOMETERS
PHOTODETECTORS
GS MEASURING INSTRUMENTS
. OPTICAL MEASURING INSTRUMENTS
. . **PHOTOMETERS**
. . . ELECTROPHOTOMETERS
. . . ULTRAVIOLET SPECTROMETERS
. . . ULTRAVIOLET
SPECTROPHOTOMETERS
. RADIATION MEASURING INSTRUMENTS
. . **PHOTOMETERS**
. . . ELECTROPHOTOMETERS
. . . ULTRAVIOLET SPECTROMETERS
. . . ULTRAVIOLET
SPECTROPHOTOMETERS
OPTICAL EQUIPMENT
. OPTICAL MEASURING INSTRUMENTS
. . **PHOTOMETERS**
. . . ELECTROPHOTOMETERS
. . . ULTRAVIOLET SPECTROMETERS
. . . ULTRAVIOLET
SPECTROPHOTOMETERS
RT BOLOMETERS
DENSITOMETERS
ELECTROPHOTOMETRY
ELLIPSOMETERS
HORIZON SCANNERS
INFRARED SPECTROPHOTOMETERS
MICRODENSITOMETERS
NEPHELOMETERS
OPTICAL MEASUREMENT
PHOTOCONDUCTORS
PHOTOELECTRIC CELLS
PHOTOGRAPHIC EQUIPMENT
PHOTOMETRY
PHOTOTRANSISTORS
POLARIMETERS
PYRANOMETERS
RADIOMETERS
REFLECTOMETERS
SPECTROMETERS
SPECTROPHOTOMETERS
TELEPHOTOMETRY
TRANSMISSOMETERS

PHOTOMETRY

GS OPTICAL MEASUREMENT
. **PHOTOMETRY**
. . ELECTROPHOTOMETRY
. . . SPECTROPHOTOMETRY
. . . STELLAR SPECTROPHOTOMETRY
. . . TELEPHOTOMETRY
. . . ULTRAVIOLET PHOTOMETRY
. . . VISUAL PHOTOMETRY
RT CHEMICAL ANALYSIS
COLORIMETRY
ILLUMINATING
 ∞ ILLUMINATION
LIGHT (VISIBLE RADIATION)
LUMINANCE
PHOTOGRAPHIC MEASUREMENT
PHOTOMETERS
POLARIMETRY
REFLECTANCE
SPECTROSCOPY
TRANSMITTANCE

PHOTOMICROGRAPHS

GS PHOTOGRAPHS
. **PHOTOMICROGRAPHS**
RT PHOTOMICROGRAPHY

PHOTOMICROGRAPHY

UF MICROGRAPHY
GS IMAGERY
. **PHOTOMICROGRAPHY**
PHOTOGRAPHY
. **PHOTOMICROGRAPHY**
RT BLACK AND WHITE PHOTOGRAPHY
ELECTRON MICROSCOPES
METALLOGRAPHY
MICROSCOPES

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PHOTOMICROGRAPHY-(CONT.)

MICROSCOPY
MICROSTRUCTURE
PHOTOMICROGRAPHS

PHOTOMULTIPLIER TUBES

UF ELECTRON MULTIPLIERS
MULTIPLIER PHOTOTUBES
GS AMPLIFIERS
. CURRENT AMPLIFIERS
. . **PHOTOMULTIPLIER TUBES**
. . . FREQUENCY MODULATION
PHOTOMULTIPLIERS
MICROWAVE EQUIPMENT
. MICROWAVE TUBES
. . COLD CATHODE TUBES
. . . PHOTOTUBES
. . . . **PHOTOMULTIPLIER TUBES**
RT CATHODES
CHANNEL MULTIPLIERS
DYNODES
ELECTRODES
MICROCHANNEL PLATES
MULTIPLIER DISCHARGES
MULTIPLIERS
PHOTOCATHODES
PHOTOELECTRIC CELLS
SCINTILLATION COUNTERS
SECONDARY EMISSION

PHOTON ABSORPTIOMETRY

GS DENSITY MEASUREMENT
. **PHOTON ABSORPTIOMETRY**
RT ABSORPTION SPECTRA
DENSITOMETERS
ELECTROMAGNETIC ABSORPTION
ENERGY ABSORPTION
GAMMA RAY ABSORPTIOMETRY
GAMMA RAY ABSORPTION
MULTIPHOTON ABSORPTION
RADIATION ABSORPTION

PHOTON ABSORPTION

USE ELECTROMAGNETIC ABSORPTION

PHOTON BEAMS

GS BEAMS (RADIATION)
. **PHOTON BEAMS**
. . LIGHT BEAMS
ELECTROMAGNETIC RADIATION
. **PHOTON BEAMS**
. . LIGHT BEAMS
RT BEAM WAVEGUIDES
GAMMA RAY BEAMS
INCIDENT RADIATION
LASER OUTPUTS
OPTICAL PATHS
OPTICAL SCANNERS
PHOTON BEAMS
PHOTOELECTROCHEMICAL DEVICES
PHOTONIC PROPULSION
PHOTONS
REFLECTED WAVES
REFRACTED WAVES
THERMAL BLOOMING

PHOTON DENSITY

GS RATES (PER TIME)
. FLUX DENSITY
. . **PHOTON DENSITY**

PHOTON-ELECTRON INTERACTION

RT ELASTIC SCATTERING
ELECTRON SCATTERING
ELEMENTARY PARTICLE INTERACTIONS
 ∞ INTERACTIONS
UMKLAPP PROCESS

PHOTONEUTRONS

GS NUCLEAR RADIATION
. **PHOTONEUTRONS**
PARTICLES
. ELEMENTARY PARTICLES
. . FERMIONS
. . . NEUTRONS
. . . . **PHOTONEUTRONS**
. . . . NEUTRAL PARTICLES
. . . NEUTRONS
. . . **PHOTONEUTRONS**
RT BARYONS
NUCLEAR PARTICLES
NUCLEAR REACTIONS
PHOTOELECTRONS
PHOTONUCLEAR REACTIONS
VECTOR DOMINANCE MODEL

PHOTONIC PROPULSION

- GS PROPULSION
 - . LOW THRUST PROPULSION
 - . . **PHOTONIC PROPULSION**
 - . . SPACECRAFT PROPULSION
 - . . . **PHOTONIC PROPULSION**
- RT ELECTROMAGNETIC PROPULSION
 - . PHOTON BEAMS

PHOTONICS

- RT ELECTRO-OPTICS
 - . FIBER OPTICS
 - . LASERS
 - . LIGHT EMITTING DIODES
 - . OPTICAL DATA PROCESSING
 - . OPTICAL WAVEGUIDES
 - . PHOTONS

PHOTONS

- GS PARTICLES
 - . ELEMENTARY PARTICLES
 - . . BOSONS
 - . . . **PHOTONS**
 - LIGHT BEAMS
 - NUCLEAR PARTICLES
 - BOSONS
 - **PHOTONS**
- RT ANNIHILATION REACTIONS
 - . COSMIC RAYS
 - . ELECTROMAGNETIC RADIATION
 - . GAMMA RAYS
 - . LIGHT (VISIBLE RADIATION)
 - . NUCLEAR RADIATION
 - . OPTICAL PROPERTIES
 - . PHOTON BEAMS
 - . PHOTONICS
 - . PHOTONUCLEAR REACTIONS
 - . PLANCKS CONSTANT
 - . QUANTUM THEORY
 - . ∞ RADIATION
 - . ROTONS

PHOTONUCLEAR REACTIONS

- GS NUCLEAR REACTIONS
 - . . **PHOTONUCLEAR REACTIONS**
- RT LIGHT (VISIBLE RADIATION)
 - . PARTICLE INTERACTIONS
 - . PHOTOELECTRONS
 - . PHOTONEUTRONS
 - . PHOTONS

PHOTOOXIDATION

- GS CHEMICAL REACTIONS
 - . . OXIDATION
 - . . . **PHOTOOXIDATION**
- RT ASSOCIATION REACTIONS
 - . PHOTOCHEMICAL OXIDANTS

PHOTOPEAK

- RT AMPLITUDE DISTRIBUTION ANALYSIS
 - . PHOTOELECTRIC EMISSION
 - . PULSE AMPLITUDE
 - . SCINTILLATION COUNTERS

PHOTOPHILIC PLANTS

- GS PLANTS (BOTANY)
 - . . **PHOTOPHILIC PLANTS**
- RT LIGHT (VISIBLE RADIATION)
 - . PHOTOSENSITIVITY

PHOTOPLASTICITY

- GS MECHANICAL PROPERTIES
 - . . PLASTIC PROPERTIES
 - . . . **PHOTOPLASTICITY**

PHOTOPRODUCTION

- GS DECAY
 - . . **PHOTOPRODUCTION**
 - . . NUCLEAR REACTIONS
 - . . . **PHOTOPRODUCTION**
- RT ELECTROMAGNETIC ABSORPTION
 - . PAIR PRODUCTION
 - . RADIOACTIVE DECAY
 - . VECTOR DOMINANCE MODEL

PHOTORECEPTORS

- GS ANATOMY
 - . . SENSE ORGANS
 - . . . **PHOTORECEPTORS**
 - . . . RECEPTORS (PHYSIOLOGY)
 - **PHOTORECEPTORS**
- RT PHOTOSENSITIVITY
 - . RETINA
 - . SENSITOMETRY

PHOTORECEPTORS-(CONT.)

- . VISUAL PIGMENTS
- . YOUNG-HELMHOLTZ THEORY

PHOTORECONNAISSANCE

- GS IMAGERY
 - . . **PHOTORECONNAISSANCE**
 - . . RECONNAISSANCE
 - . . . **PHOTORECONNAISSANCE**
- RT AERIAL RECONNAISSANCE
 - . AIRBORNE INTEGRATED
 - . . RECONNAISSANCE SYSTEM
 - . . . BLACK AND WHITE PHOTOGRAPHY
 - . . . EARTH RESOURCES SURVEY AIRCRAFT
 - . . . GROUND TRUTH
 - . . . HS-801 AIRCRAFT
 - . . . PHOTOGRAMMETRY
 - . . . PHOTOGRAPHIC MEASUREMENT
 - . . . PHOTOGRAPHY
 - . . . PHOTOINTERPRETATION
 - . . . SPECTRAL RECONNAISSANCE

PHOTOREDUCTION

- USE PHOTOCHEMICAL REACTIONS

PHOTORESISTIVITY

- USE PHOTOCONDUCTIVITY

PHOTORESISTORS

- USE PHOTOCONDUCTORS

PHOTOSENSITIVITY

- GS SENSITIVITY
 - . . **PHOTOSENSITIVITY**
 - . . . LIGHT ADAPTATION
 - . . . PHOTOTROPISM
- RT LIGHT (VISIBLE RADIATION)
 - . PHOTOGRAPHIC EMULSIONS
 - . PHOTOPHILIC PLANTS
 - . PHOTORECEPTORS
 - . SENSITOMETRY
 - . THRESHOLDS (PERCEPTION)
 - . VISUAL PIGMENTS

PHOTOSENSORS

- USE PHOTOELECTRICITY
 - . RADIATION MEASURING INSTRUMENTS

PHOTOSPHERE

- GS **PHOTOSPHERE**
 - . . SOLAR GRANULATION
- RT CHROMOSPHERE
 - . FACULAE
 - . . SOLAR ATMOSPHERE
 - . . . SOLAR PHYSICS
 - . . . SPICULES
 - . . . STARSPTS
 - . . . SUN
 - . . . SUNSPOTS

PHOTOSTRESSES

- GS STRESSES
 - . . **PHOTOSTRESSES**

PHOTOSYNTHESIS

- GS CHEMICAL REACTIONS
 - . . PHOTOCHEMICAL REACTIONS
 - . . . **PHOTOSYNTHESIS**
- RT CARBOHYDRATES
 - . CHLOROPHYLLS
 - . CHLOROPLASTS
 - . CROP GROWTH
 - . RESPIRATION

PHOTOTHERMAL CONVERSION

- GS ENERGY CONVERSION
 - . . **PHOTOTHERMAL CONVERSION**
- RT ∞ CONVERSION
 - . . ENERGY ABSORPTION FILMS
 - . . ENERGY CONVERSION EFFICIENCY
 - . . ENERGY TECHNOLOGY
 - . . METAL FILMS
 - . . PHOTOELECTRIC EFFECT
 - . . SELECTIVITY
 - . . SEMICONDUCTING FILMS
 - . . SOLAR ENERGY ABSORBERS
 - . . SOLAR ENERGY CONVERSION
 - . . SPECTRAL SENSITIVITY
 - . . THERMAL ENERGY
 - . . THERMODYNAMICS
 - . . THIN FILMS

PHOTOTHERMOTROPISM

- USE ANISOTROPY
 - . . PHOTOTROPISM
 - . . . TEMPERATURE EFFECTS

PHOTOTRANSISTORS

- GS ELECTRONIC EQUIPMENT
 - . . SOLID STATE DEVICES
 - . . . SEMICONDUCTOR DEVICES
 - TRANSISTORS
 - **PHOTOTRANSISTORS**
- RT JUNCTION TRANSISTORS
 - . PHOTOCONDUCTORS
 - . PHOTODIODES
 - . PHOTOELECTRIC CELLS
 - . PHOTOELECTRIC MATERIALS
 - . PHOTOMETERS
 - . PHOTOTUBES

PHOTOTROPISM

- UF PHOTOTHERMOTROPISM
- GS SENSITIVITY
 - . . PHOTOSENSITIVITY
 - . . . **PHOTOTROPISM**
- RT COLOR
 - . CROP VIGOR
 - . OPTICAL PROPERTIES
 - . PLANTS (BOTANY)

PHOTOTUBES

- GS MICROWAVE EQUIPMENT
 - . . MICROWAVE TUBES
 - . . . COLD CATHODE TUBES
 - **PHOTOTUBES**
 - PHOTOMULTIPLIER TUBES
- RT CATHODES
 - . ELECTRODES
 - . FLYING SPOT SCANNERS
 - . GAS DISCHARGE TUBES
 - . PHOTODIODES
 - . PHOTOELECTRIC CELLS
 - . PHOTOELECTRIC MATERIALS
 - . PHOTOTRANSISTORS

PHOTOVISCOELASTICITY

- GS ELECTROMAGNETIC PROPERTIES
 - . . OPTICAL PROPERTIES
 - . . . **PHOTOVISCOELASTICITY**
 - . . . PHOTOELASTICITY
 - **PHOTOVISCOELASTICITY**
 - MECHANICAL PROPERTIES
 - ELASTIC PROPERTIES
 - PHOTOELASTICITY
 - **PHOTOVISCOELASTICITY**
 - VISCOELASTICITY
 - **PHOTOVISCOELASTICITY**

PHOTOVOLTAGES

- GS POTENTIAL ENERGY
 - . . ELECTRIC POTENTIAL
 - . . . **PHOTOVOLTAGES**
- RT PHOTOELECTRICITY
 - . . PHOTOVOLTAIC EFFECT

PHOTOVOLTAIC CELLS

- GS ELECTRONIC EQUIPMENT
 - . . SOLID STATE DEVICES
 - . . . SEMICONDUCTOR DEVICES
 - **PHOTOVOLTAIC CELLS**
 - PHOTOELECTRIC CELLS
 - **PHOTOVOLTAIC CELLS**
 - VOLTAGE GENERATORS
 - **PHOTOVOLTAIC CELLS**
- RT ∞ CELLS
 - . . ELECTROCHEMICAL CELLS
 - . . PHOTOCONDUCTIVE CELLS
 - . . PHOTOELECTRIC MATERIALS
 - . . SIS (SEMICONDUCTORS)
 - . . SOLAR CELLS
 - . . SOLAR GENERATORS

PHOTOVOLTAIC CONVERSION

- RT ENERGY ABSORPTION FILMS

PHOTOVOLTAIC EFFECT

- GS ELECTROMAGNETIC PROPERTIES
 - . . ELECTRICAL PROPERTIES
 - . . . **PHOTOVOLTAIC EFFECT**
 - . . . OPTICAL PROPERTIES
 - **PHOTOVOLTAIC EFFECT**
- RT ELECTRON EMISSION
 - . PHOTOELECTRICITY
 - . PHOTOELECTRONS
 - . PHOTOVOLTAGES

PHREATOPHYTES

PHREATOPHYTES
GS PLANTS (BOTANY)
. **PHREATOPHYTES**
RT TREES (PLANTS)

PHTHALATES
GS ESTERS
. **PHTHALATES**

PHTHALOCYANIN
GS HETEROCYCLIC COMPOUNDS
. **PHTHALOCYANIN**
RT PIGMENTS

PHUGOID OSCILLATIONS
USE OSCILLATIONS
OSCILLATORS
PITCH (INCLINATION)

PHYLLQUINONE
UF VITAMIN K
GS HETEROCYCLIC COMPOUNDS
. **PHYLLQUINONE**
VITAMINS
. **PHYLLQUINONE**

PHYSICAL CHEMISTRY
GS **PHYSICAL CHEMISTRY**
. CRYOCHEMISTRY
. QUANTUM CHEMISTRY
RT AEROTHERMOCHEMISTRY
ATMOSPHERIC CHEMISTRY
CHEMICAL ANALYSIS
∞ CHEMISTRY
NUCLEAR CHEMISTRY
∞ PHYSICS
THERMOCHEMISTRY
THERMODYNAMICS

PHYSICAL CONSTANTS TESTING REACTOR
USE NUCLEAR RESEARCH AND TEST
REACTORS
WATER COOLED REACTORS

PHYSICAL ENDURANCE
USE PHYSICAL FITNESS

PHYSICAL EXAMINATIONS
RT FLIGHT FITNESS
MOBILE QUARANTINE FACILITY
PERCUSSION
PERSONNEL SELECTION

PHYSICAL EXERCISE
UF EXERCISE (PHYSIOLOGY)
GYMNASTICS
GS **PHYSICAL EXERCISE**
. HYPERKINESIA
RT ANGINA PECTORIS
ATHLETES
FATIGUE (BIOLOGY)
HYPOKINESIA
PHYSICAL FITNESS
RUNNING
SWIMMING
TREADMILLS
WALKING

PHYSICAL FACTORS
GS PHYSIOLOGICAL FACTORS
. **PHYSICAL FACTORS**
RT ∞ PHYSICS
WORK

PHYSICAL FITNESS
UF PHYSICAL ENDURANCE
GS FITNESS
. **PHYSICAL FITNESS**
RT ATHLETES
COMPETITION
CRAMPTON TEST
EXERCISE PHYSIOLOGY
FLIGHT FITNESS
PHYSICAL EXERCISE
PHYSIOLOGICAL TESTS
POSTURE
SWIMMING
TREADMILLS
WORK CAPACITY

PHYSICAL OPTICS
RT CRYSTAL OPTICS
FIBER OPTICS
GEOMETRICAL OPTICS

PHYSICAL OPTICS-(CONT.)
GRADIENT INDEX OPTICS
OPTICAL PROPERTIES
∞ OPTICS
QUANTUM THEORY
∞ THEORIES

∞ **PHYSICAL PROPERTIES**
SN *(USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)*
RT ACOUSTIC PROPERTIES
ADSORPTIVITY
BRAGG ANGLE
BUOYANCY
CHEMICAL PROPERTIES
COLOR
DENSITY (MASS/VOLUME)
DIFFUSIVITY
DURABILITY
EDDY CURRENTS
ELASTIC PROPERTIES
ELECTRICAL PROPERTIES
ELECTROMAGNETIC PROPERTIES
FUSIBILITY
∞ HIGH RESISTANCE
HYGROSCOPICITY
HYSTERESIS
IMPEDANCE
INTERNAL FRICTION
ISOTROPY
MAGNETIC DIPOLES
MAGNETIC PROPERTIES
MECHANICAL PROPERTIES
OPTICAL PROPERTIES
PERMEABILITY
POLYMORPHISM
PROPELLANT PROPERTIES
SURFACE PROPERTIES
THERMAL EXPANSION
THERMODYNAMIC PROPERTIES
THIXOTROPY
TRANSMISSIVITY
TRANSPORT PROPERTIES
VIRTUAL PROPERTIES
VISCOSITY

∞ **PHYSICAL SCIENCES**
SN *(USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)*
RT ASTRONOMY
ENVIRONMENTAL ENGINEERING
GEOLOGY
LIFE SCIENCES
∞ METALLURGY
METEOROLOGY
OCEANOGRAPHY
QUANTUM CHEMISTRY
∞ SCIENCE

PHYSICAL WORK.
UF EXERTION
GS WORK
. **PHYSICAL WORK**
RT EFFORT
HORSEPOWER
TASKS
TREADMILLS
WORK CAPACITY
WORKLOADS (PSYCHOPHYSIOLOGY)

PHYSICIANS
GS PERSONNEL
. MEDICAL PERSONNEL
. **PHYSICIANS**
RT STETHOSCOPES

∞ **PHYSICS**
SN *(USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)*
RT ASTROPHYSICS
ATMOSPHERIC PHYSICS
ATOMIC PHYSICS
BIOPHYSICS
BRANCHING (PHYSICS)
CLOUD PHYSICS
COMBUSTION
ELECTROPHYSICS
GEOPHYSICS
HEALTH PHYSICS
KINETICS
LOW TEMPERATURE PHYSICS
NEUTRON PHYSICS

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PHYSICS-(CONT.)
NUCLEAR PHYSICS
PHYSICAL CHEMISTRY
PHYSICAL FACTORS
PLASMA PHYSICS
POLYMER PHYSICS
PSYCHOPHYSICS
RADIO PHYSICS
REENTRY PHYSICS
SOLAR PHYSICS
THEORETICAL PHYSICS

PHYSICS AND CHEMISTRY EXPERIMENT IN SPACE
UF PACE
GS EXPERIMENTATION
. **PHYSICS AND CHEMISTRY
EXPERIMENT IN SPACE**
PAYLOADS
. SPACE SHUTTLE PAYLOADS
. SPACEBORNE EXPERIMENTS
. **PHYSICS AND CHEMISTRY
EXPERIMENT IN SPACE**
RT SPACE FLIGHT

PHYSIOCHEMISTRY
GS ENVIRONMENTAL CHEMISTRY
. BIOCHEMISTRY
. **PHYSIOCHEMISTRY**
RT ∞ CHEMISTRY
EXERCISE PHYSIOLOGY
MOLECULAR BIOLOGY
ORGANIC CHEMISTRY
PHYSIOLOGY
PSYCHOTROPIC DRUGS

PHYSIOGRAPHY
USE GEOMORPHOLOGY

PHYSIOLOGICAL ACCELERATION
GS RATES (PER TIME)
. **PHYSIOLOGICAL ACCELERATION**
RT ACCELERATION (PHYSICS)
ACCELERATION STRESSES
(PHYSIOLOGY)
DECELERATION
IMPACT ACCELERATION

PHYSIOLOGICAL DEFENSES
RT ANTIBODIES
ANTIGENS
BIOCOMPATIBILITY
∞ DEFENSE
INOCULUM
INTERFERON

PHYSIOLOGICAL EFFECTS
GS **PHYSIOLOGICAL EFFECTS**
. PHYSIOLOGICAL RESPONSES
. HEMODYNAMIC RESPONSES
RT BIOLOGICAL EFFECTS
BONE DEMINERALIZATION
CHOLERA
COMFORT
DIVING (UNDERWATER)
∞ EFFECTS
ENVIRONMENTAL ENGINEERING
ENVIRONMENTS
EXERCISE PHYSIOLOGY
GEOTROPISM
GONADS
HEAT ACCLIMATIZATION
HEAT STROKE
HEMATOPOIESIS
HEMATOPOIETIC SYSTEM
HUMAN REACTIONS
NOISE POLLUTION
RADIATION EFFECTS
REACTION TIME
RELATIVE BIOLOGICAL EFFECTIVENESS
(RBE)
SHOCK (PHYSIOLOGY)

PHYSIOLOGICAL FACTORS
GS **PHYSIOLOGICAL FACTORS**
. PHYSICAL FACTORS
RT ASTRONAUT PERFORMANCE
CHEMICAL DEFENSE
CHEMICAL WARFARE
FLIGHT STRESS (BIOLOGY)
NOISE POLLUTION
SEX FACTOR

PHYSIOLOGICAL RESPONSES
GS PHYSIOLOGICAL EFFECTS

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PILE FOUNDATIONS

PHYSIOLOGICAL RESPONSES-(CONT.)

. PHYSIOLOGICAL RESPONSES
 . . HEMODYNAMIC RESPONSES
 RESPONSES
 . PHYSIOLOGICAL RESPONSES
 . . HEMODYNAMIC RESPONSES
 EVOKED RESPONSE
 (PSYCHOPHYSIOLOGY)
 PATHOLOGICAL EFFECTS

RT

PHYSIOLOGICAL TELEMETRY

USE BIOTELEMETRY

PHYSIOLOGICAL TESTS

GS PHYSIOLOGICAL TESTS
 . BODY SWAY TEST
 . CARBOXYHEMOGLOBIN TEST
 . COOMB TEST
 . CRAMPTON TEST
 . EAR PRESSURE TEST
 . ELECTRONYSTAGMOGRAPHY
 . VESTIBULAR TESTS
 . WEBER TEST
 RT CARDIOGRAPHY
 CERTIFICATION
 ENVIRONMENTAL INDEX
 ENVIRONMENTAL TESTS
 MOBILE QUARANTINE FACILITY
 PERSONNEL SELECTION
 PHYSICAL FITNESS
 PILOT SELECTION
 PSYCHOMOTOR PERFORMANCE
 SENSORIMOTOR PERFORMANCE
 TAYLOR MANIFEST ANXIETY SCALE
 ∞ TESTS
 TREADMILLS
 URINALYSIS

PHYSIOLOGY

GS PHYSIOLOGY
 . AUDIOLOGY
 . BODY COMPOSITION (BIOLOGY)
 . ELECTROPHYSIOLOGY
 . EXERCISE PHYSIOLOGY
 . HEMATOPOIETIC SYSTEM
 . LAMELLA
 . MENSTRUATION
 . NEUROPHYSIOLOGY
 . PSYCHOPHYSIOLOGY
 . . WORKLOADS (PSYCHOPHYSIOLOGY)
 . RESPIRATORY PHYSIOLOGY
 . UNDERWATER PHYSIOLOGY
 RT CATABOLISM
 CHRONIC CONDITIONS
 DIFFERENTIATION (BIOLOGY)
 ELECTRIC STIMULI
 EXOSKELETONS
 FEET (ANATOMY)
 HOMEOSTASIS
 HUMAN BODY
 LOCOMOTION
 MITOSIS
 NUTRITION
 ORGANISMS
 PHYSIOCHEMISTRY
 REGENERATION (PHYSIOLOGY)
 REGULARITY
 RUGGEDNESS
 SEX FACTOR
 STRESS (PHYSIOLOGY)

PHYTOTRONS

UF GERMINATORS
 GROWTH CHAMBERS
 RT GERMINATION
 GREENHOUSES
 GROWTH
 PLANTS (BOTANY)

PI-ELECTRONS

GS PARTICLES
 . CHARGED PARTICLES
 . . ENERGETIC PARTICLES
 . . . ELECTRONS
 . . . PI-ELECTRONS
 RT MOLECULAR ELECTRONICS
 NUCLEAR PARTICLES

PIAGGIO AIRCRAFT

GS PIAGGIO AIRCRAFT
 . P-166 AIRCRAFT
 . PD-808 AIRCRAFT
 RT ∞ AIRCRAFT

PIAGGIO P-166 AIRCRAFT

USE P-166 AIRCRAFT

PIAGGIO-DOUGLAS PD-808 AIRCRAFT

USE PD-808 AIRCRAFT

PIASECKI AIRCRAFT

GS PIASECKI AIRCRAFT
 . VZ-8 AIRCRAFT
 RT ∞ AIRCRAFT

PICKLING (METALLURGY)

GS CHEMICAL CLEANING
 . PICKLING (METALLURGY)
 RT DESCALING
 METAL FILMS
 METAL FINISHING
 SCALE (CORROSION)

PICKOFFS

USE SENSORS

PICKUPS

USE SENSORS

PICOSECOND PULSES

GS PULSES
 . PICOSECOND PULSES
 RT AMPLITUDES
 ELECTROMAGNETIC PULSES
 LASER OUTPUTS
 PULSE RATE
 PULSED RADIATION
 TIME SIGNALS

PICRATES

GS NITROGEN COMPOUNDS
 . NITRO COMPOUNDS
 . . PICRATES
 . . . AMMONIUM PICRATES

PICTURE TUBES

UF KINESCOPES
 GS ELECTRON TUBES
 . VACUUM TUBES
 . . VACUUM TUBE OSCILLATORS
 . . . CATHODE RAY TUBES
 . . . PICTURE TUBES
 OSCILLATORS
 . VACUUM TUBE OSCILLATORS
 . . CATHODE RAY TUBES
 . . . PICTURE TUBES
 VIDEO EQUIPMENT
 . PICTURE TUBES
 RT DISPLAY DEVICES
 FLYING SPOT SCANNERS
 TELEVISION EQUIPMENT

PIEDMONTS

UF PEDIMENTS
 PEDIPLAINS
 GS LANDFORMS
 . TERRACES (LANDFORMS)
 . . PLATEAUS
 . . . PIEDMONTS
 CENTRAL PIEDMONT (US)
 RT COASTAL PLAINS
 MOUNTAINS

PIERCING

UF PUNCTURING
 RT CUTTING
 DRILLING
 EXTRUDING
 FORGING
 METAL WORKING
 PENETRATION
 PERFORATING
 ∞ PERFORATION
 SPARK MACHINING
 VULNERABILITY

PIERS

USE WHARVES

PIEZOELECTRIC CERAMICS

GS TITANIUM COMPOUNDS
 . TITANATES
 . . PIEZOELECTRIC CERAMICS
 . . . LEAD ZIRCONATE TITANATES

PIEZOELECTRIC CRYSTALS

GS CRYSTALS
 . CRYSTAL OSCILLATORS

PIEZOELECTRIC CRYSTALS-(CONT.)

. . PIEZOELECTRIC CRYSTALS
 RT MICROSONICS
 PIEZORESISTIVE TRANSDUCERS
 QUARTZ TRANSDUCERS
 SINGLE CRYSTALS

PIEZOELECTRIC GAGES

GS MEASURING INSTRUMENTS
 . PRESSURE GAGES
 . . PIEZOELECTRIC GAGES
 TRANSDUCERS
 . PIEZOELECTRIC TRANSDUCERS
 . . PIEZOELECTRIC GAGES
 . . PIEZORESISTIVE TRANSDUCERS
 . . . PIEZOELECTRIC GAGES
 RT PRESSURE SENSORS
 STRAIN GAGES

PIEZOELECTRIC TRANSDUCERS

GS TRANSDUCERS
 . PIEZOELECTRIC TRANSDUCERS
 . . PIEZOELECTRIC GAGES
 RT PRAETERSONIC DEVICES
 ULTRASONIC CLEANING

PIEZOELECTRICITY

GS MECHANICAL PROPERTIES
 . PIEZOELECTRICITY
 RT CRYSTAL OSCILLATORS
 ELASTIC PROPERTIES
 ELECTRICITY
 ELECTROSTRICTION
 PIEZORESISTIVE TRANSDUCERS
 PYROELECTRICITY

PIEZOMETERS

GS MEASURING INSTRUMENTS
 . PRESSURE GAGES
 . . PIEZOMETERS
 RT SEEPAGE

PIEZORESISTIVE TRANSDUCERS

GS TRANSDUCERS
 . PIEZORESISTIVE TRANSDUCERS
 . . PIEZOELECTRIC GAGES
 RT PIEZOELECTRIC CRYSTALS
 PIEZOELECTRICITY

PIGEONS

GS ANIMALS
 . VERTEBRATES
 . . BIRDS
 . . . PIGEONS

PIGGYBACK SYSTEMS

RT AIR LAUNCHING
 MULTISTAGE ROCKET VEHICLES
 PAYLOAD MASS RATIO
 PAYLOADS
 ∞ SYSTEMS

PIGMENTS

GS PIGMENTS
 . CAROTENE
 . CHLOROPHYLLS
 . CYTOCHROMES
 . MELANIN
 . VISUAL PIGMENTS
 RT ADDITIVES
 ALBINISM
 ANATASE
 DOPA
 FILLERS
 INKS
 MYOGLOBIN
 PAINTS
 PHTHALOCYANIN
 RUTILE
 SKIN (ANATOMY)

PIGS (SWINE)

USE SWINE

PIKE'S PEAK (CO)

GS LANDFORMS
 . PEAKS (LANDFORMS)
 . . PIKE'S PEAK (CO)
 RT COLORADO
 MOUNTAINS

PILE FOUNDATIONS

GS FOUNDATIONS
 . PILE FOUNDATIONS

FILES

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PILE FOUNDATIONS-(CONT.)

RT ∞ PILES

∞ PILES

SN (USE OF A MORE SPECIFIC TERM IS
RECOMMENDED-CONSULT THE TERMS
LISTED BELOW)

RT NUCLEAR REACTORS
PILE FOUNDATIONS

PILLOWS

RT COUCHES
CUSHIONS
SEATS

PILOCARPINE

GS HETEROCYCLIC COMPOUNDS
. ALKALOIDS
. PILOCARPINE
NITROGEN COMPOUNDS
. ALKALOIDS
. PILOCARPINE

PILOT ERROR

UF FLIGHT TECHNICAL ERROR
GS ERRORS

RT . PILOT ERROR
AIRCRAFT ACCIDENTS
COLLISIONS
CRASH LANDING
CRASHES
HUMAN FACTORS ENGINEERING
HUMAN PERFORMANCE
MIDAIR COLLISIONS

PILOT LANDING AID TELEVISION SYSTEM

USE PLAT SYSTEM

PILOT PERFORMANCE

GS HUMAN PERFORMANCE
. PILOT PERFORMANCE
RT AIRCRAFT PERFORMANCE
ASTRONAUT PERFORMANCE
INTRAVEHICULAR ACTIVITY
MAN OPERATED PROPULSION SYSTEMS
OPERATOR PERFORMANCE
∞ PERFORMANCE
PSYCHOMOTOR PERFORMANCE
SENSORIMOTOR PERFORMANCE

PILOT PLANTS

RT INDUSTRIAL PLANTS
MODELS
PRODUCT DEVELOPMENT
PROTOTYPES

PILOT SELECTION

GS SELECTION
. PERSONNEL SELECTION
. PILOT SELECTION
RT PHYSIOLOGICAL TESTS
PSYCHOLOGICAL TESTS

PILOT TRAINING

GS EDUCATION
. PILOT TRAINING
RT ASTRONAUT TRAINING
EJECTION INJURIES
EJECTION TRAINING
FLIGHT SIMULATORS
FLIGHT TRAINING
SPACE FLIGHT TRAINING
TRAINING SIMULATORS

PILOTED CENTRIFUGES

USE HUMAN CENTRIFUGES

PILOTLESS AIRCRAFT

SN (CONVENTIONAL AIRCRAFT CONVERTED
FOR REMOTE CONTROL)
GS PILOTLESS AIRCRAFT
. DRONE AIRCRAFT
. TARGET DRONE AIRCRAFT
. FIREBEE 2 TARGET DRONE
AIRCRAFT
. JINDIVIK TARGET AIRCRAFT
RT ∞ AIRCRAFT
BALLOONS
DRONE VEHICLES
LIGHT AIRCRAFT
∞ MILITARY AIRCRAFT
OBLIQUE WINGS
RECONNAISSANCE AIRCRAFT
REMOTELY PILOTED VEHICLES

∞ PILOTS

SN (USE OF A MORE SPECIFIC TERM IS
RECOMMENDED-CONSULT THE TERMS
LISTED BELOW)

RT AIRCRAFT PILOTS
AUTOMATIC PILOTS
PILOTS (PERSONNEL)
TEST PILOTS

PILOTS (PERSONNEL)

GS PERSONNEL
. FLYING PERSONNEL
. PILOTS (PERSONNEL)
. AIRCRAFT PILOTS
. TEST PILOTS
. OPERATORS (PERSONNEL)
. PILOTS (PERSONNEL)
. AIRCRAFT PILOTS
. TEST PILOTS

RT ASTRONAUTS
COSMONAUTS
CREWS
FLIGHT CREWS
∞ PILOTS

PINCH EFFECT

GS PINCH EFFECT
. PLASMA PINCH
. SCREW PINCH
. THETA PINCH
. ZETA PINCH
RT . REVERSE FIELD PINCH
CYLINDRICAL PLASMAS
MAGNETIC FIELDS
MAGNETOHYDRODYNAMICS
PLASMA COMPRESSION
PLASMA CONTROL
RELATIVISTIC PLASMAS
STELLARATORS
THERMONUCLEAR POWER GENERATION
THERMONUCLEAR REACTIONS
ZETA THERMONUCLEAR REACTOR

PINEAL GLAND

GS ANATOMY
. GLANDS (ANATOMY)
. ENDOCRINE GLANDS
. PINEAL GLAND
VISCERA
. ENDOCRINE GLANDS
. PINEAL GLAND
RT BRAIN

PINHOLE CAMERAS

GS OPTICAL EQUIPMENT
. CAMERAS
. PINHOLE CAMERAS
PHOTOGRAPHIC EQUIPMENT
. CAMERAS
. PINHOLE CAMERAS
RT APERTURES
PHOTOGRAPHY
PINHOLES

PINHOLES

RT CASTING
CASTINGS
DEFECTS
INTERSTICES
LEAKAGE
PINHOLE CAMERAS
POROSITY

PINNACLES

USE PEAKS (LANDFORMS)

PINNING

SN (LIMITED TO ELECTRONICS)
GS PINNING
. FLUX PINNING
RT CRYSTAL DEFECTS
CRYSTAL DISLOCATIONS
CURRENT DENSITY
MAGNETIC FLUX
SUPERCONDUCTORS

PINS

GS FASTENERS
. PINS
RT COUPLINGS
HOLDERS
LATCHES
RIVETS
∞ SPIKES
STUDS (STRUCTURAL MEMBERS)

PINTLES

RT PIVOTS
RUDDERS
SHAFTS (MACHINE ELEMENTS)

PION BEAMS

GS BEAMS (RADIATION)
. PARTICLE BEAMS
. PION BEAMS
RT NEUTRAL BEAMS
NEUTRON BEAMS

PIONEER F SPACE PROBE

USE PIONEER 10 SPACE PROBE

PIONEER G SPACE PROBE

USE PIONEER 11 SPACE PROBE

PIONEER PROJECT

GS PROGRAMS
. PROJECTS
. PIONEER PROJECT
RT LUNAR PROBES
PIONEER SPACE PROBES
SPACE PROBES

PIONEER SATURN SPACECRAFT

USE PIONEER 11 SPACE PROBE

PIONEER SPACE PROBES

GS INTERPLANETARY SPACECRAFT
. PIONEER SPACE PROBES
. PIONEER VENUS 2 ENTRY PROBES
. PIONEER VENUS 2 DAY PROBE
. PIONEER VENUS 2 NIGHT PROBE
. PIONEER VENUS 2 NORTH PROBE
. PIONEER VENUS 2 SOUNDER
PROBE
. PIONEER 1 SPACE PROBE
. PIONEER 2 SPACE PROBE
. PIONEER 3 SPACE PROBE
. PIONEER 4 SPACE PROBE
. PIONEER 5 SPACE PROBE
. PIONEER 6 SPACE PROBE
. PIONEER 7 SPACE PROBE
. PIONEER 8 SPACE PROBE
. PIONEER 9 SPACE PROBE
. PIONEER 10 SPACE PROBE
UNMANNED SPACECRAFT
. SPACE PROBES
. PIONEER SPACE PROBES
. PIONEER VENUS 2 ENTRY PROBES
. PIONEER VENUS 2 DAY PROBE
. PIONEER VENUS 2 NIGHT PROBE
. PIONEER VENUS 2 NORTH PROBE
. PIONEER 1 SPACE PROBE
. PIONEER 2 SPACE PROBE
. PIONEER 3 SPACE PROBE
. PIONEER 4 SPACE PROBE
. PIONEER 5 SPACE PROBE
. PIONEER 6 SPACE PROBE
. PIONEER 7 SPACE PROBE
. PIONEER 8 SPACE PROBE
. PIONEER 9 SPACE PROBE
. PIONEER 10 SPACE PROBE
. PIONEER 11 SPACE PROBE
RT JUNO 2 LAUNCH VEHICLE
PIONEER PROJECT
PIONEER VENUS SPACECRAFT
PIONEER VENUS 1 SPACECRAFT
PIONEER VENUS 2 SPACECRAFT
SOLAR PROBES

PIONEER VENUS SPACECRAFT

GS INTERPLANETARY SPACECRAFT
. PIONEER VENUS SPACECRAFT
. PIONEER VENUS 1 SPACECRAFT
. PIONEER VENUS 2 SPACECRAFT
. PIONEER VENUS 2 TRANSPORTER
BUS
UNMANNED SPACECRAFT
. PIONEER VENUS SPACECRAFT
. PIONEER VENUS 1 SPACECRAFT
. PIONEER VENUS 2 SPACECRAFT
. PIONEER VENUS 2 TRANSPORTER
BUS
RT PIONEER SPACE PROBES
∞ PROBES
SPACE PROBES

PIONEER VENUS 1 SPACECRAFT

GS INTERPLANETARY SPACECRAFT
. PIONEER VENUS SPACECRAFT
. PIONEER VENUS 1 SPACECRAFT
UNMANNED SPACECRAFT

PIONEER VENUS 1 SPACECRAFT-(CONT.)

. PIONEER VENUS SPACECRAFT
 . . . **PIONEER VENUS 1 SPACECRAFT**
 RT PIONEER SPACE PROBES
 ∞ PROBES
 SPACE PROBES

PIONEER VENUS 2 DAY PROBE

GS INTERPLANETARY SPACECRAFT
 . PIONEER SPACE PROBES
 . . PIONEER VENUS 2 ENTRY PROBES
 . . . **PIONEER VENUS 2 DAY PROBE**
 UNMANNED SPACECRAFT
 . SPACE PROBES
 . . PIONEER SPACE PROBES
 . . . PIONEER VENUS 2 ENTRY PROBES
 **PIONEER VENUS 2 DAY PROBE**
 RT ∞ PROBES

PIONEER VENUS 2 ENTRY PROBES

GS INTERPLANETARY SPACECRAFT
 . PIONEER SPACE PROBES
 . . **PIONEER VENUS 2 ENTRY PROBES**
 . . . PIONEER VENUS 2 DAY PROBE
 . . . PIONEER VENUS 2 NIGHT PROBE
 . . . PIONEER VENUS 2 NORTH PROBE
 . . . PIONEER VENUS 2 SOUNDER
 PROBE
 UNMANNED SPACECRAFT
 . SPACE PROBES
 . . PIONEER SPACE PROBES
 . . . **PIONEER VENUS 2 ENTRY PROBES**
 PIONEER VENUS 2 DAY PROBE
 PIONEER VENUS 2 NIGHT PROBE
 PIONEER VENUS 2 NORTH PROBE
 RT ∞ PROBES

PIONEER VENUS 2 MULTIPROBE SPACECRAFT

USE PIONEER VENUS 2 SPACECRAFT

PIONEER VENUS 2 NIGHT PROBE

GS INTERPLANETARY SPACECRAFT
 . PIONEER SPACE PROBES
 . . PIONEER VENUS 2 ENTRY PROBES
 . . . **PIONEER VENUS 2 NIGHT PROBE**
 UNMANNED SPACECRAFT
 . SPACE PROBES
 . . PIONEER SPACE PROBES
 . . . PIONEER VENUS 2 ENTRY PROBES
 **PIONEER VENUS 2 NIGHT PROBE**
 RT ∞ PROBES

PIONEER VENUS 2 NORTH PROBE

GS INTERPLANETARY SPACECRAFT
 . PIONEER SPACE PROBES
 . . PIONEER VENUS 2 ENTRY PROBES
 . . . **PIONEER VENUS 2 NORTH PROBE**
 UNMANNED SPACECRAFT
 . SPACE PROBES
 . . PIONEER SPACE PROBES
 . . . PIONEER VENUS 2 ENTRY PROBES
 **PIONEER VENUS 2 NORTH PROBE**
 RT ∞ PROBES

PIONEER VENUS 2 SOUNDER PROBE

GS INTERPLANETARY SPACECRAFT
 . PIONEER SPACE PROBES
 . . PIONEER VENUS 2 ENTRY PROBES
 . . . **PIONEER VENUS 2 SOUNDER
 PROBE**

PIONEER VENUS 2 SPACECRAFT

UF PIONEER VENUS 2 MULTIPROBE
 SPACECRAFT
 GS INTERPLANETARY SPACECRAFT
 . PIONEER VENUS SPACECRAFT
 . . **PIONEER VENUS 2 SPACECRAFT**
 . . . PIONEER VENUS 2 TRANSPORTER
 BUS
 . VENUS PROBES
 . . **PIONEER VENUS 2 SPACECRAFT**
 . . . PIONEER VENUS 2 TRANSPORTER
 BUS
 UNMANNED SPACECRAFT
 . PIONEER VENUS SPACECRAFT
 . . **PIONEER VENUS 2 SPACECRAFT**
 . . . PIONEER VENUS 2 TRANSPORTER
 BUS
 RT PIONEER SPACE PROBES
 ∞ PROBES
 ∞ SPACECRAFT

PIONEER VENUS 2 TRANSPORTER BUS

GS INTERPLANETARY SPACECRAFT
 . PIONEER VENUS SPACECRAFT

PIONEER VENUS 2 TRANSPORTER BUS-(CONT.)

. . PIONEER VENUS 2 SPACECRAFT
 . . . **PIONEER VENUS 2 TRANSPORTER
 BUS**
 . VENUS PROBES
 . . PIONEER VENUS 2 SPACECRAFT
 . . . **PIONEER VENUS 2 TRANSPORTER
 BUS**
 UNMANNED SPACECRAFT
 . PIONEER VENUS SPACECRAFT
 . . PIONEER VENUS 2 SPACECRAFT
 . . . **PIONEER VENUS 2 TRANSPORTER
 BUS**

RT ∞ PROBES

PIONEER 1 SPACE PROBE

GS INTERPLANETARY SPACECRAFT
 . PIONEER SPACE PROBES
 . . **PIONEER 1 SPACE PROBE**
 UNMANNED SPACECRAFT
 . SPACE PROBES
 . . PIONEER SPACE PROBES
 . . . **PIONEER 1 SPACE PROBE**
 RT THOR ABLE ROCKET VEHICLE

PIONEER 2 SPACE PROBE

GS INTERPLANETARY SPACECRAFT
 . PIONEER SPACE PROBES
 . . **PIONEER 2 SPACE PROBE**
 UNMANNED SPACECRAFT
 . SPACE PROBES
 . . PIONEER SPACE PROBES
 . . . **PIONEER 2 SPACE PROBE**

PIONEER 3 SPACE PROBE

GS INTERPLANETARY SPACECRAFT
 . PIONEER SPACE PROBES
 . . **PIONEER 3 SPACE PROBE**
 UNMANNED SPACECRAFT
 . SPACE PROBES
 . . PIONEER SPACE PROBES
 . . . **PIONEER 3 SPACE PROBE**
 RT JUNO 2 LAUNCH VEHICLE

PIONEER 4 LUNAR PROBE

USE PIONEER 4 SPACE PROBE

PIONEER 4 SPACE PROBE

UF PIONEER 4 LUNAR PROBE
 GS INTERPLANETARY SPACECRAFT
 . PIONEER SPACE PROBES
 . . **PIONEER 4 SPACE PROBE**
 UNMANNED SPACECRAFT
 . SPACE PROBES
 . . PIONEER SPACE PROBES
 . . . **PIONEER 4 SPACE PROBE**
 RT JUNO 2 LAUNCH VEHICLE

PIONEER 5 SPACE PROBE

GS INTERPLANETARY SPACECRAFT
 . PIONEER SPACE PROBES
 . . **PIONEER 5 SPACE PROBE**
 UNMANNED SPACECRAFT
 . SPACE PROBES
 . . PIONEER SPACE PROBES
 . . . **PIONEER 5 SPACE PROBE**
 RT THOR ABLE ROCKET VEHICLE

PIONEER 6 SPACE PROBE

GS INTERPLANETARY SPACECRAFT
 . PIONEER SPACE PROBES
 . . **PIONEER 6 SPACE PROBE**
 UNMANNED SPACECRAFT
 . SPACE PROBES
 . . PIONEER SPACE PROBES
 . . . **PIONEER 6 SPACE PROBE**
 RT DELTA LAUNCH VEHICLE
 JUNO 2 LAUNCH VEHICLE

PIONEER 7 SPACE PROBE

GS INTERPLANETARY SPACECRAFT
 . PIONEER SPACE PROBES
 . . **PIONEER 7 SPACE PROBE**
 UNMANNED SPACECRAFT
 . SPACE PROBES
 . . PIONEER SPACE PROBES
 . . . **PIONEER 7 SPACE PROBE**
 RT DELTA LAUNCH VEHICLE
 JUNO 2 LAUNCH VEHICLE

PIONEER 8 SPACE PROBE

GS INTERPLANETARY SPACECRAFT
 . PIONEER SPACE PROBES
 . . **PIONEER 8 SPACE PROBE**

PIONEER 8 SPACE PROBE-(CONT.)

UNMANNED SPACECRAFT
 . SPACE PROBES
 . . PIONEER SPACE PROBES
 . . . **PIONEER 8 SPACE PROBE**
 RT JUNO 2 LAUNCH VEHICLE
 ∞ PROBES

PIONEER 9 SPACE PROBE

GS INTERPLANETARY SPACECRAFT
 . PIONEER SPACE PROBES
 . . **PIONEER 9 SPACE PROBE**
 UNMANNED SPACECRAFT
 . SPACE PROBES
 . . PIONEER SPACE PROBES
 . . . **PIONEER 9 SPACE PROBE**
 RT ∞ PROBES

PIONEER 10 SPACE PROBE

UF PIONEER F SPACE PROBE
 GS INTERPLANETARY SPACECRAFT
 . PIONEER SPACE PROBES
 . . **PIONEER 10 SPACE PROBE**
 UNMANNED SPACECRAFT
 . SPACE PROBES
 . . PIONEER SPACE PROBES
 . . . **PIONEER 10 SPACE PROBE**
 RT ∞ PROBES

PIONEER 11 SPACE PROBE

UF PIONEER G SPACE PROBE
 PIONEER SATURN SPACECRAFT
 GS UNMANNED SPACECRAFT
 . SPACE PROBES
 . . PIONEER SPACE PROBES
 . . . **PIONEER 11 SPACE PROBE**
 RT ∞ PROBES

PIONS

GS PARTICLES
 . ELEMENTARY PARTICLES
 . . BOSONS
 . . . MESONS
 **PIONS**
 NUCLEAR PARTICLES
 BOSONS
 MESONS
 **PIONS**
 RT BARYONS
 CHARGED PARTICLES
 KAONS

PIPE FLOW

UF KIRCHHOFF-HELMHOLTZ FLOW
 GS FLUID FLOW
 . GAS FLOW
 . . **PIPE FLOW**
 . . PARALLEL FLOW
 . . . **PIPE FLOW**
 RT CHANNEL FLOW
 CRITICAL FLOW
 LAMINAR FLOW
 LIQUID FLOW
 MASS FLOW
 MULTIPHASE FLOW
 OPEN CHANNEL FLOW
 ORIFICE FLOW
 PIPES (TUBES)
 PRESSURE GRADIENTS
 SINGLE-PHASE FLOW
 STEADY FLOW
 STEAM FLOW
 SUBCRITICAL FLOW
 SUPERCRITICAL FLOW
 TURBULENT FLOW
 UNIFORM FLOW
 UNSTEADY FLOW
 WATER FLOW
 WATER HAMMER
 WATER PRESSURE

PIPE NOZZLES

RT EXHAUST SYSTEMS
 INLET NOZZLES
 INTAKE SYSTEMS
 NOZZLE GEOMETRY
 ∞ NOZZLES
 OPENINGS
 OUTLETS
 TANKS (CONTAINERS)

PIPELINES

GS **PIPELINES**
 . SEWERS
 RT CROSSINGS

PIPELINING (COMPUTERS)

PIPELINES-(CONT.)

∞ LINES
MATERIALS HANDLING
PIPES (TUBES)
PUMPS
SIPHONS
STEAM FLOW
∞ STORAGE
STORAGE TANKS
TRANSPORTATION
WASTE DISPOSAL
WATER HAMMER

PIPELINING (COMPUTERS)

GS DATA PROCESSING
. MULTIPROCESSING (COMPUTERS)
. . . PIPELINING (COMPUTERS)
RT ASSOCIATIVE PROCESSING
(COMPUTERS)
DATA PROCESSING EQUIPMENT
MULTIPROGRAMMING
PARALLEL PROGRAMMING
TIME SHARING

PIPER AIRCRAFT

GS LIGHT AIRCRAFT
. PIPER AIRCRAFT
. . PA-34 SENECA AIRCRAFT
RT ∞ AIRCRAFT
GENERAL AVIATION AIRCRAFT

PIPERIDINE

GS HETEROCYCLIC COMPOUNDS
. PIPERIDINE
PYRIDINES
. PIPERIDINE

PIPES (TUBES)

UF TUBING
GS PIPES (TUBES)
. GAS PIPES
. U BENDS
RT ∞ CASING
CIRCULAR TUBES
DUCTS
FLUID FLOW
∞ HEADERS
HOSES
∞ HYDRAULICS
MANIFOLDS
PIPE FLOW
PIPELINES
RISERS
SIPHONS
SYRINGES
∞ TUBES

PIPETTES

RT BURETTES
GLASSWARE
LABORATORY EQUIPMENT

PIRANI GAGES

GS MEASURING INSTRUMENTS
. PRESSURE GAGES
. . VACUUM GAGES
. . . PIRANI GAGES
VACUUM APPARATUS
. VACUUM GAGES
. . PIRANI GAGES
RT HOT-WIRE FLOWMETERS
IONIZATION GAGES
KNUDSEN GAGES
MCLEOD GAGES
PRESSURE MEASUREMENT

PISTON ENGINES

UF RECIPROCATING ENGINES
GS ENGINES
. PISTON ENGINES
. . DIESEL ENGINES
RT AIRCRAFT ENGINES
AUTOMOBILE ENGINES
EXTERNAL COMBUSTION ENGINES
FUEL INJECTION
INTERNAL COMBUSTION ENGINES
PISTONS
RECIPROCATION
WANKEL ENGINES

PISTON THEORY

RT COMPRESSING
FLUID DYNAMICS
PISTONS

PISTONS

GS PISTONS
. MAGNETIC PISTONS
RT COMBUSTION CHAMBERS
ENGINE PARTS
INTERNAL COMBUSTION ENGINES
PISTON ENGINES
PISTON THEORY
PLUNGERS
RECIPROCATION

∞ PITCH

SN *(USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)*
UF TONE
RT FREQUENCIES
PITCH (INCLINATION)
PITCH (MATERIAL)

PITCH (INCLINATION)

UF DAMPING IN PITCH
PHUGOID OSCILLATIONS
PITCH ANGLES
GS ATTITUDE (INCLINATION)
. PITCH (INCLINATION)
RT ANGLES (GEOMETRY)
HEAVING
LONGITUDINAL CONTROL
LONGITUDINAL STABILITY
∞ MOTION
∞ PITCH
ROLL
ROTATION
SLOPES
STABILITY AUGMENTATION
VARIABLE PITCH PROPELLERS
YAW

PITCH (MATERIAL)

RT ASPHALT
OILS
∞ PITCH
TARS

PITCH ANGLES

USE PITCH (INCLINATION)

PITCH ATTITUDE CONTROL

USE LONGITUDINAL CONTROL

PITCHING MOMENTS

GS MOMENTS
. STABILITY DERIVATIVES
. . PITCHING MOMENTS
RT AERODYNAMIC COEFFICIENTS
LONGITUDINAL STABILITY
MOMENTS OF INERTIA
ROLLING MOMENTS
TORQUE
YAWING MOMENTS

PITOT TUBES

UF PRESTON TUBES
RT FLOW MEASUREMENT
FLOWMETERS
PRESSURE MEASUREMENT
PROTUBERANCES
SPEED INDICATORS
STATIC PRESSURE
∞ TUBES
VELOCITY MEASUREMENT
VENTURI TUBES

∞ PITS

SN *(USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)*
RT PITS (EXCAVATIONS)
PITTING

PITS (EXCAVATIONS)

RT BOREHOLES
EXCAVATION
MINES (EXCAVATIONS)
∞ PITS
SUMPS

PITTING

RT CHEMICAL ATTACK
CHIPPING
CORROSION
CORROSION RESISTANCE
CORROSION TESTS

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PITTING-(CONT.)

DEGRADATION
EROSION
EROSIVE BURNING
ETCHING
HOT CORROSION
METAL-WATER REACTIONS
∞ PITS
SCORING

PITUITARY GLAND

GS ANATOMY
. GLANDS (ANATOMY)
. . ENDOCRINE GLANDS
. . . PITUITARY GLAND
. . . ORGANS
. . . PITUITARY GLAND
VISCERA
. ENDOCRINE GLANDS
. . PITUITARY GLAND
. . . ORGANS
. . . PITUITARY GLAND

PITUITARY HORMONES

GS SECRETIONS
. ENDOCRINE SECRETIONS
. . HORMONES
. . . PITUITARY HORMONES
. . . . ADRENOCORTICOTROPIN (ACTH)

PIVOTED WING AIRCRAFT

USE TILT WING AIRCRAFT

PIVOTS

UF TROCHOIDS
RT BEARINGS
GIMBALS
HINGES
PINTLES
SHAFTS (MACHINE ELEMENTS)
SUPPORTS
SWIVELS

PIX

USE PLASMA INTERACTION EXPERIMENT

PL/1

GS LANGUAGES
. PROGRAMMING LANGUAGES
. . PL/1
RT COBOL
COMPILERS
COMPUTER PROGRAMMING
FORTRAN
MACHINE ORIENTED LANGUAGES

PLAGES (FACULAE)

USE FACULAE

PLAINS

GS LAND
. PLAINS
. . COASTAL PLAINS
. . FLOOD PLAINS
. . LLANOS ORIENTALES (COLOMBIA)
. . PAMPAS
. . PENEPLAINS
. . PLAYAS
. . TUNDRA
RT FARMLANDS
FLATS (LANDFORMS)
GEOGRAPHY
GRASSLANDS
GREAT PLAINS CORRIDOR (NORTH
AMERICA)
LANDFORMS
PLATEAUS
STEPPES
TOPOGRAPHY
WILDERNESS

PLAN POSITION INDICATORS

UF PPI (POSITION INDICATORS)
GS AIRCRAFT INSTRUMENTS
. POSITION INDICATORS
. . PLAN POSITION INDICATORS
DISPLAY DEVICES
. POSITION INDICATORS
. . PLAN POSITION INDICATORS
. . RADARSCOPE
. . PLAN POSITION INDICATORS
MEASURING INSTRUMENTS
. INDICATING INSTRUMENTS
. . POSITION INDICATORS

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PLANETARY RADIATION

PLAN POSITION INDICATORS-(CONT.)

... PLAN POSITION INDICATORS
RADAR EQUIPMENT
RADARSCOPES
... PLAN POSITION INDICATORS

PLANAR STRUCTURES

RT FLAT LAYERS
FLAT PLATES
FLAT SURFACES
FLATNESS
∞ STRUCTURES
SURFACE PROPERTIES

PLANCKS CONSTANT

GS CONSTANTS
... PLANCKS CONSTANT
RT BLACK BODY RADIATION
DE BROGLIE WAVELENGTHS
ELECTROMAGNETIC RADIATION
NUCLEAR MAGNETIC RESONANCE
PHOTONS
QUANTUM THEORY
THERMAL RADIATION
WENTZEL-KRAMER-BRILLOUIN METHOD

PLANE STRAIN

RT CRACK PROPAGATION
ELASTIC DEFORMATION
FRACTURE MECHANICS
PLASTIC DEFORMATION
STRESS INTENSITY FACTORS
STRESS-STRAIN RELATIONSHIPS

PLANE WAVES

GS LONGITUDINAL WAVES
... PLANE WAVES
RT BEAMS (RADIATION)
CYLINDRICAL WAVES
ELASTIC WAVES
NORMAL SHOCK WAVES
∞ RADIATION
SHOCK WAVES
SOLITARY WAVES
SOUND WAVES
SPATIAL FILTERING
SPHERICAL WAVES
TRANSVERSE WAVES
TRAVELING WAVES
∞ WAVES

PLANET EPHEMERIDES

GS EPHEMERIDES
... PLANET EPHEMERIDES
RT GEOCENTRIC COORDINATES
PLANETS

PLANET ORIGINS

USE PLANETARY EVOLUTION

PLANETARIUMS

RT ASTRONOMICAL MODELS
DISPLAY DEVICES

PLANETARY ATMOSPHERES

SN (EXCLUDES EARTH ATMOSPHERE)
GS ENVIRONMENTS
... EXTRATERRESTRIAL ENVIRONMENTS
... PLANETARY ENVIRONMENTS
... PLANETARY ATMOSPHERES
... HELIUM HYDROGEN
ATMOSPHERES
... JUPITER ATMOSPHERE
... MARS ATMOSPHERE
... NEPTUNE ATMOSPHERE
... SATURN ATMOSPHERE
... URANUS ATMOSPHERE
... VENUS ATMOSPHERE
RT ∞ ABSORPTION
∞ ATMOSPHERES
ATMOSPHERIC ATTENUATION
ATMOSPHERIC COMPOSITION
ATMOSPHERIC DENSITY
ATMOSPHERIC TEMPERATURE
EARTH ATMOSPHERE
LUNAR ATMOSPHERES
NONGRAY ATMOSPHERES
ORGANIC SOLIDS
PRIMITIVE EARTH ATMOSPHERE
RADIATIVE TRANSFER
RADIO OCCULTATION
SATELLITE ATMOSPHERES
SATURN RINGS

PLANETARY BASES

RT EXTRATERRESTRIAL RESOURCES
SPACE EXPLORATION
STATIONS

PLANETARY BOUNDARY LAYER

GS BOUNDARY LAYERS
... PLANETARY BOUNDARY LAYER
RT ATMOSPHERIC BOUNDARY LAYER

PLANETARY COMPOSITION

GS COMPOSITION (PROPERTY)
... PLANETARY COMPOSITION
RT EARTH PLANETARY STRUCTURE
GAS GIANT PLANETS
JUPITER RINGS
SATURN RINGS
SPACE EXPLORATION
STRUCTURAL PROPERTIES (GEOLOGY)

PLANETARY CORES

GS CORES
... PLANETARY CORES
... EARTH CORE
RT PLANETS

PLANETARY CRATERS

GS CRATERS
... PLANETARY CRATERS
... MARS CRATERS
RT EARTH (PLANET)
IMPACT DAMAGE
MARS (PLANET)
MARS SURFACE
MERCURY (PLANET)
METEORITE CRATERS
PLANETS
VENUS (PLANET)
VENUS SURFACE

PLANETARY ENTRY

USE ATMOSPHERIC ENTRY

PLANETARY ENVIRONMENTS

SN (EXCLUDES EARTH)
GS ENVIRONMENTS
... EXTRATERRESTRIAL ENVIRONMENTS
... PLANETARY ENVIRONMENTS
... MARS ENVIRONMENT
... MARS ATMOSPHERE
... PLANETARY ATMOSPHERES
... HELIUM HYDROGEN
ATMOSPHERES
... JUPITER ATMOSPHERE
... MARS ATMOSPHERE
... NEPTUNE ATMOSPHERE
... SATURN ATMOSPHERE
... URANUS ATMOSPHERE
... VENUS ATMOSPHERE
RT AEROSPACE ENVIRONMENTS
BIOASTRONAUTICS
EXOBIOLGY
LIFE SUPPORT SYSTEMS
LONG DURATION SPACE FLIGHT
LUNAR ENVIRONMENT
PLANETS
PROTOPLANETS
TERRESTRIAL PLANETS
THERMAL ENVIRONMENTS

PLANETARY EVOLUTION

UF PLANET ORIGINS
GS EVOLUTION (DEVELOPMENT)
... PLANETARY EVOLUTION
RT COSMOLOGY
PROTOPLANETS
STELLAR EVOLUTION

PLANETARY EXPLORATION

USE SPACE EXPLORATION

PLANETARY EXPLORER

USE OUTER PLANETS EXPLORERS

PLANETARY GEOLOGY

GS PLANETARY GEOLOGY
... MARS VOLCANOES

PLANETARY GRAVITATION

GS GRAVITATION
... PLANETARY GRAVITATION
RT ESCAPE VELOCITY
LUNAR GRAVITATION

PLANETARY LANDING

SN (EXCLUDES LANDING ON THE PLANET EARTH)
GS LANDING
... SPACECRAFT LANDING
... PLANETARY LANDING
RT CRASH LANDING
GLIDE LANDINGS
HARD LANDING
HORIZONTAL SPACECRAFT LANDING
INTERPLANETARY FLIGHT
LUNAR LANDING
MARS LANDING
ORBITAL MECHANICS
ROVING VEHICLES
SOFT LANDING
WATER LANDING

PLANETARY LIMB

RT EARTH LIMB
∞ LIMBS
LUNAR LIMB
SOLAR LIMB

PLANETARY MAGNETIC FIELDS

GS MAGNETIC FIELDS
... PLANETARY MAGNETIC FIELDS
RT GEOMAGNETIC TAIL
GEOMAGNETISM

PLANETARY MANTLES

GS PLANETARY MANTLES
... EARTH MANTLE
RT CRUSTS
LITHOSPHERE
LUNAR MANTLE

PLANETARY MAPPING

GS MAPPING
... PLANETARY MAPPING
RT ASTROGRAPHY
HEAT CAPACITY MAPPING MISSION
THERMAL MAPPING

PLANETARY MASS

GS MASS
... PLANETARY MASS
RT PROTOPLANETS

PLANETARY MOTION

USE SOLAR ORBITS

PLANETARY NEBULAE

GS CELESTIAL BODIES
... NEBULAE
... PLANETARY NEBULAE
RT ORION NEBULA

PLANETARY ORBITS

GS ORBITS
... PLANETARY ORBITS
RT AMOR ASTEROID
APOLLO ASTEROIDS
CHARON
CIRCULAR ORBITS
EARTH ORBITS
ELLIPTICAL ORBITS
EQUATORIAL ORBITS
INTERPLANETARY TRAJECTORIES
PARKING ORBITS
POLAR ORBITS
SATELLITE ORBITS
SPACECRAFT ORBITS
SWINGBY TECHNIQUE
TRANSFER ORBITS
TWENTY-FOUR HOUR ORBITS
VIKING ORBITER SPACECRAFT

PLANETARY QUAKES

RT EARTHQUAKES
GEODYNAMICS
MOONQUAKES
SEISMIC WAVES
SHOCK WAVES

PLANETARY QUARANTINE

RT SPACECRAFT STERILIZATION

PLANETARY RADIATION

SN (EXCLUDES TERRESTRIAL RADIATION)
GS ELECTROMAGNETIC RADIATION
... PLANETARY RADIATION
EXTRATERRESTRIAL RADIATION
... PLANETARY RADIATION

PLANETARY ROTATION

PLANETARY RADIATION-(CONT.)

RT ALBEDO
DECIMETER WAVES
INFRARED RADIATION
LIGHT (VISIBLE RADIATION)
RADIO WAVES
SATURN ATMOSPHERE
TERRESTRIAL RADIATION
THERMAL RADIATION
VLF EMISSION RECORDERS

PLANETARY ROTATION

GS GYRATION
ROTATION
PLANETARY ROTATION
RT ASTROPHYSICS
PLANETOLOGY
ROTATING BODIES
STELLAR ROTATION

PLANETARY SATELLITES

USE NATURAL SATELLITES

PLANETARY SPACE FLIGHT

USE INTERPLANETARY FLIGHT

PLANETARY SPACECRAFT

USE INTERPLANETARY SPACECRAFT

PLANETARY STRUCTURE

RT CHEMICAL COMPOSITION
EARTH PLANETARY STRUCTURE
JUPITER RINGS
LUNAR MANTLE
PLANETOLOGY
URANUS RINGS

PLANETARY SURFACES

GS PLANETARY SURFACES
MARS SURFACE
VENUS SURFACE
RT EARTH SURFACE
JUPITER RED SPOT
ROVING VEHICLES
SATURN RINGS
SURFACE PROPERTIES
SURFACES
TOPOGRAPHY

PLANETARY TEMPERATURE

GS TEMPERATURE
PLANETARY TEMPERATURE
RT ATMOSPHERIC TEMPERATURE
SATURN RINGS

PLANETARY WAVES

UF LONG WAVES (METEOROLOGY)
ROSSBY WAVES
GS BAROTROPISM
PLANETARY WAVES
INTERNAL WAVES
PLANETARY WAVES
TROPOSPHERIC WAVES
PLANETARY WAVES
RT ATMOSPHERIC CIRCULATION
BAROTROPIC FLOW
CORIOLIS EFFECT
FLUID FLOW
GRAVITY WAVES
ROSSBY REGIMES
ROTATING FLUIDS
ROTATING LIQUIDS
VORTICES
WAVES

PLANETISMALS

USE PROTOPLANETS

PLANETOCENTRIC COORDINATES

GS COORDINATES
PLANETOCENTRIC COORDINATES
GEOCENTRIC COORDINATES
RT ASTRONOMICAL COORDINATES
CELESTIAL REFERENCE SYSTEMS
SPHERICAL COORDINATES

PLANETOLOGY

RT JUPITER RINGS
PLANETARY ROTATION
PLANETARY STRUCTURE
SATURN RINGS
TERRESTRIAL PLANETS

PLANETS

GS CELESTIAL BODIES
PLANETS
EXTRASOLAR PLANETS
GAS GIANT PLANETS
JUPITER (PLANET)
NEPTUNE (PLANET)
SATURN (PLANET)
URANUS (PLANET)
URANUS RINGS
PLUTO (PLANET)
TERRESTRIAL PLANETS
EARTH (PLANET)
MARS (PLANET)
MERCURY (PLANET)
VENUS (PLANET)
RT CELESTIAL MECHANICS
CHIRON
ECLIPTIC
JUPITER RED SPOT
NATURAL SATELLITES
PLANET EPHEMERIDES
PLANETARY CORES
PLANETARY CRATERS
PLANETARY ENVIRONMENTS
PROTOPLANETS
SATURN RINGS
SOLAR SYSTEM
SUN

PLANFORMS

GS PLANFORMS
CARET WINGS
RECTANGULAR PLANFORMS
RECTANGULAR PANELS
RECTANGULAR PLATES
RECTANGULAR WINGS
SWEPTBACK TAIL SURFACES
TRAPEZOIDAL TAIL SURFACES
WING PLANFORMS
CHANNEL WINGS
INFINITE SPAN WINGS
SWEPT FORWARD WINGS
TRAPEZOIDAL WINGS
SWEPTBACK WINGS
ARROW WINGS
DELTA WINGS
TRAPEZOIDAL WINGS
VARIABLE SWEEP WINGS
RT BODIES
CROSS SECTIONS
GEOMETRY
PROFILES
SHAPES
SURFACE GEOMETRY

PLANIGRAPHY

USE TOMOGRAPHY

PLANING

SN (EXCLUDES MOTION INVOLVING
DYNAMIC SUPPORTING FORCES)
GS CUTTING
PLANING
RT GRINDING (MATERIAL REMOVAL)
MACHINING
METAL CUTTING
MILLING (MACHINING)
SLICING
SMOOTHING

PLANISPHERES

GS MAPS
ASTRONOMICAL MAPS
PLANISPHERES
RT ASTRONOMICAL COORDINATES
CELESTIAL SPHERE
CONSTELLATIONS
POLAR COORDINATES

PLANKTON

UF PLANKTON BLOOM
RT ALGAE
ANIMALS
PLANTS (BOTANY)
RED TIDE
THERMAL POLLUTION

PLANKTON BLOOM

USE PLANKTON

PLANNING

GS PLANNING
AIRPORT PLANNING
MANAGEMENT PLANNING

NASA THESAURUS (VOLUME 1)

PLANNING-(CONT.)

PRODUCTION PLANNING
PROJECT PLANNING
MISSION PLANNING
REGIONAL PLANNING
URBAN PLANNING
RT BUDGETING
CRITICAL PATH METHOD
DELPHI METHOD (FORECASTING)
DESIGN
FORECASTING
MISSIONS
OPTIMIZATION
PATTERN METHOD (FORECASTING)
PROBE METHOD (FORECASTING)
PRODUCTION ENGINEERING
PROFILE METHOD (FORECASTING)
PROGRESS
SEQUENCING
SLICING
STARSITE PROGRAM
TRAINING ANALYSIS
URBAN DEVELOPMENT

PLANOTRONS

UF AMPLITRONS (TRADEMARK)
GS ELECTRON TUBES
VACUUM TUBES
VACUUM TUBE OSCILLATORS
MICROWAVE TUBES
PLANOTRONS
CARCINOTRONS
CELESTROSCOPES
HELITRONS
IGNITRONS
THERMICONS
THERMIONIC DIODES
THYRATRONS
MICROWAVE EQUIPMENT
MICROWAVE TUBES
PLANOTRONS
CARCINOTRONS
CELESTROSCOPES
HELITRONS
IGNITRONS
THERMICONS
THERMIONIC DIODES
THYRATRONS
OSCILLATORS
VACUUM TUBE OSCILLATORS
MICROWAVE TUBES
PLANOTRONS
CARCINOTRONS
HELITRONS
RT CAMERA TUBES
ELECTRIC ARCS
MAGNETRONS

PLANS

SN (USE OF A MORE SPECIFIC TERM IS
RECOMMENDED-CONSULT THE TERMS
LISTED BELOW)
RT DRAWINGS
FLIGHT PLANS
LAYOUTS
MISSION PLANNING
PAYLOAD INTEGRATION PLAN
URBAN DEVELOPMENT

PLANT DESIGN

SN (EXCLUDES BIOLOGICAL PLANTS)
RT ARCHITECTURE
STRUCTURAL DESIGN

PLANT ROOTS

RT BULBS
PLANTS (BOTANY)
ROOTS
VEGETATION GROWTH

PLANT STRESS

RT AERIAL PHOTOGRAPHY
AGRICULTURE
CROP GROWTH
CROP VIGOR
EARTH RESOURCES PROGRAM
REMOTE SENSING
SOIL MOISTURE
SPECTRAL REFLECTANCE
VEGETATION GROWTH

PLANTAR TISSUES

GS TISSUES (BIOLOGY)
PLANTAR TISSUES

PLANTING

RT AGRICULTURE
 ∞ CROPS
 CULTIVATION
 FARM CROPS
 FARMLANDS
 FERTILIZERS
 PLANTS (BOTANY)
 PLOWING
 PLOWS
 SEEDS
 SILVICULTURE
 SOILS
 TRACTORS
 VEGETABLES

PLANTS (BOTANY)

UF FLORA
 GS **PLANTS (BOTANY)**
 . ALFALFA
 . AQUATIC PLANTS
 . BARLEY
 . BRUSH (BOTANY)
 . CHAPARRAL
 . BRYOPHYTES
 . CORN
 . FOLIAGE
 . GRASSES
 . HAY
 . REEDS (PLANTS)
 . SEA GRASSES
 . SORGHUM
 . GUAYULE
 . LEAVES
 . LICHENS
 . NIGELLA
 . OATS
 . ORCHARDS
 . PHOTOPHILIC PLANTS
 . PHREATOPHYTES
 . SAPROPHYTES
 . SUGAR CANE
 . SUNFLOWERS
 . THERMOPHILIC PLANTS
 . TOBACCO
 . TRAGACANTH
 . TREES (PLANTS)
 . CITRUS TREES
 . CONIFERS
 . DECIDUOUS TREES
 RT AGRICULTURE
 ANGIOSPERMS
 ANIMALS
 BIOCHEMICAL OXYGEN DEMAND
 BIOGEOCHEMISTRY
 BIOMASS
 BLIGHT
 BOTANY
 CANOPIES (VEGETATION)
 CARBON CYCLE
 CHLOROPHYLLS
 COPSES
 CORTEXES (BOTANY)
 COTTON
 CROP GROWTH
 CROP VIGOR
 DEFOLIANTS
 DEFOLIATION
 EARTH RESOURCES
 ENVIRONMENTS
 FOOD CHAIN
 FORESTS
 FROST DAMAGE
 GEOBOTANY
 GEOTROPISM
 GREENHOUSES
 HALOPHILES
 HERBICIDES
 HETEROTROPHS
 HYDROPONICS
 INFESTATION
 LACUNAS
 MICROORGANISMS
 MICROSPORES
 MITRA
 ORGANISMS
 PETALS
 PHOTOTROPISM
 PHYTOTRONS
 PLANKTON
 PLANT ROOTS
 PLANTING
 PLOWING
 POLLEN
 POTATOES
 RAIN FORESTS

PLANTS (BOTANY)-(CONT.)

SEEDS
 SPINACH
 SPORES
 STEMS
 TRADESCANTIA
 UTRICLE
 VEGETATION
 VIABILITY
 VINEYARDS
 WOOD

PLANTS (INDUSTRIES)

USE INDUSTRIAL PLANTS

PLASMA ACCELERATION

UF MAGNETOHYDRODYNAMIC
 ACCELERATION
 GS RATES (PER TIME)
 . ACCELERATION (PHYSICS)
 . **PLASMA ACCELERATION**
 RT PARTICLE ACCELERATION
 PLASMAS (PHYSICS)
 WAVE PROPAGATION

PLASMA ACCELERATORS

GS **PLASMA ACCELERATORS**
 . ALPHA PLASMA DEVICES
 . COAXIAL PLASMA ACCELERATORS
 . CYCLOPS PLASMA ACCELERATOR
 RT ∞ ACCELERATORS
 ELECTROMAGNETIC ACCELERATION
 ION INJECTION
 MAGNETIC ANNULAR ARC
 MAGNETOHYDRODYNAMIC GENERATORS

PLASMA ARC CUTTING

RT METAL CUTTING
 METAL WORKING
 PLASMA ARC WELDING
 PLASMA TORCHES

PLASMA ARC SPRAYING

USE ARC SPRAYING

PLASMA ARC WELDING

GS WELDING
 . ELECTRIC WELDING
 . . ARC WELDING
 . . . **PLASMA ARC WELDING**
 RT PLASMA ARC CUTTING
 PLASMA TORCHES

PLASMA ARCS

USE PLASMA JETS

PLASMA CHEMISTRY

RT ∞ CHEMISTRY
 NUCLEAR CHEMISTRY
 PLASMAS (PHYSICS)

PLASMA CLOUDS

GS CLOUDS
 . **PLASMA CLOUDS**
 . PARTICLES
 . CHARGED PARTICLES
 . . **PLASMA CLOUDS**
 RT CHEMICAL CLOUDS
 CLOUDS (METEOROLOGY)
 COSMIC PLASMA
 GEOMAGNETIC HOLLOW
 HYDROGEN CLOUDS
 INTERPLANETARY MEDIUM
 ION SHEATHS
 MAGNETOSPHERE
 PLASMAPAUSE

PLASMA COMPOSITION

GS COMPOSITION (PROPERTY)
 . **PLASMA COMPOSITION**
 RT ATOM CONCENTRATION
 GAS COMPOSITION
 ION MOTION
 IONOSPHERIC COMPOSITION
 NONEQUILIBRIUM PLASMAS
 NONUNIFORM PLASMAS
 THOMAS-FERMI MODEL
 URANIUM PLASMAS

PLASMA COMPRESSION

GS COMPRESSING
 . **PLASMA COMPRESSION**
 RT CONTROLLED FUSION
 DENSE PLASMAS

PLASMA COMPRESSION-(CONT.)

INERTIAL FUSION (REACTOR)
 MAGNETIC EFFECTS
 MAGNETIC FIELD CONFIGURATIONS
 PINCH EFFECT
 PLASMA FOCUS
 STRONGLY COUPLED PLASMAS
 THETA PINCH
 TOKAMAK DEVICES
 ZETA PINCH

PLASMA CONDUCTIVITY

GS TRANSPORT PROPERTIES
 . ELECTRICAL RESISTIVITY
 . . **PLASMA CONDUCTIVITY**
 RT COLLISIONAL PLASMAS
 ∞ CONDUCTIVITY
 IONOSPHERIC CONDUCTIVITY
 MAGNETOHYDRODYNAMIC STABILITY
 STRONGLY COUPLED PLASMAS

PLASMA CONFINEMENT

USE PLASMA CONTROL

PLASMA CONTROL

UF PLASMA CONFINEMENT
 RT BETA FACTOR
 BUMPY TORUSES
 CONFINEMENT
 ∞ CONTROL
 CROSSED FIELD GUNS
 CROSSED FIELDS
 ELECTRON-ION RECOMBINATION
 ELLIPTICAL PLASMAS
 HELICAL INDUCERS
 LIMITERS (FUSION REACTORS)
 MAGNETIC ANNULAR ARC
 MAGNETIC COMPRESSION
 MAGNETIC FIELD CONFIGURATIONS
 MAGNETIC MIRRORS
 MAGNETICALLY TRAPPED PARTICLES
 MIRROR FUSION
 PINCH EFFECT
 REVERSE FIELD PINCH
 RIGID ROTORS (PLASMA PHYSICS)
 SCREW PINCH
 TOKAMAK DEVICES
 TOROIDAL PLASMAS
 TRANSFORMERS
 TRAP PROGRAM
 TRAPPED MAGNETIC FIELDS
 ZETA PINCH

PLASMA COOLING

GS COOLING
 . **PLASMA COOLING**
 RT CONTROLLED FUSION
 IONIZED GASES
 MAGNETOHYDRODYNAMIC STABILITY
 PLASMAS (PHYSICS)
 TEMPERATURE CONTROL

PLASMA CORE REACTORS

GS NUCLEAR REACTORS
 . **PLASMA CORE REACTORS**
 RT CRITICAL MASS
 NUCLEAR POWER PLANTS
 NUCLEAR RESEARCH
 RADIOACTIVE WASTES
 REACTOR CORES
 ∞ REACTORS
 REFLECTORS
 WASTE DISPOSAL

PLASMA CURRENTS

GS ELECTRIC CURRENT
 . **PLASMA CURRENTS**
 RT BEAM CURRENTS
 CONTROLLED FUSION
 EDDY CURRENTS
 ELECTRIC DISCHARGES
 ELECTROCONDUCTIVITY
 HIGH CURRENT
 IONOSPHERIC CURRENTS
 LINE CURRENT
 LOW CURRENTS
 MAGNETOHYDRODYNAMICS
 PLASMA-PARTICLE INTERACTIONS
 PLASMAS (PHYSICS)
 RING CURRENTS
 SPHEROMAKS
 TOROIDAL PLASMAS

PLASMA CYLINDERS

GS **PLASMA CYLINDERS**

PLASMA DECAY

PLASMA CYLINDERS-(CONT.)

RT ∞ CYLINDERS
CYLINDRICAL BODIES
CYLINDRICAL SHELLS
PLASMA GUIDES

PLASMA DECAY

GS DECAY
RT . PLASMA DECAY
AFTERGLOWS
ELECTROMAGNETIC WAVE
TRANSMISSION
HELIUM AFTERGLOW
MAGNETOHYDRODYNAMIC STABILITY

PLASMA DENSITY

GS DENSITY (NUMBER/VOLUME)
. PARTICLE DENSITY (CONCENTRATION)
. . PLASMA DENSITY
RT ATMOSPHERIC DENSITY
ATOM CONCENTRATION
COLLISIONAL PLASMAS
ELECTRON DENSITY (CONCENTRATION)
ELECTRON-HOLE DROPS
ION DENSITY (CONCENTRATION)
MAGNETOPLASMA DYNAMICS
MAGNETOSPHERIC ELECTRON DENSITY
MAGNETOSPHERIC ION DENSITY
MAGNETOSPHERIC PROTON DENSITY
PLASMA DRIFT
PROTON DENSITY (CONCENTRATION)
SPACE DENSITY
SPACE PLASMAS
STRONGLY COUPLED PLASMAS

PLASMA DIAGNOSTICS

RT FABRY-PEROT INTERFEROMETERS
MICROWAVE INTERFEROMETERS
RESONANCE PROBES
SPACE PLASMAS

PLASMA DIFFUSION

UF PLASMA DISPERSION
GS DIFFUSION
RT . PLASMA DIFFUSION
AMBIPOLAR DIFFUSION
COLLOIDAL GENERATORS
DIFFUSION WAVES
ELECTRON DIFFUSION
GASEOUS SELF-DIFFUSION
ION MOTION
IONIC DIFFUSION

PLASMA DIODES

GS ELECTRONIC EQUIPMENT
. DIODES
. . PLASMA DIODES
RT CESIUM DIODES

PLASMA DISCHARGES

USE PLASMA JETS

PLASMA DISPERSION

USE PLASMA DIFFUSION

PLASMA DISPLAY DEVICES

GS DISPLAY DEVICES
. PLASMA DISPLAY DEVICES
RT ∞ DEVICES
GAS IONIZATION
GLOW DISCHARGES
LIGHT SOURCES
PLASMAS (PHYSICS)

PLASMA DRIFT

RT MAGNETOHYDRODYNAMIC STABILITY
PLASMA DENSITY
PLASMA WAVES

PLASMA DYNAMICS

UF SNOWPLOW EFFECT
RT ∞ DYNAMICS
HYDRODYNAMIC EQUATIONS
MAGNETOHYDRODYNAMICS

PLASMA ELECTRODES

GS ELECTRODES
. PLASMA ELECTRODES
RT HOT-WIRE FLOWMETERS
PLASMA GUIDES
PLASMATRONS
ZETA PINCH

PLASMA ENGINES

GS PLASMA POWER SOURCES
. PLASMA ENGINES
. . TWO STAGE PLASMA ENGINES
RT ARC JET ENGINES
COAXIAL PLASMA ACCELERATORS
HIGH TEMPERATURE PROPELLANTS
ION ENGINES
MERCURY ION ENGINES
PULSED JET ENGINES
RESISTOJET ENGINES
RIT ENGINES

PLASMA EQUILIBRIUM

RT BETA FACTOR
CONFINEMENT
ELECTRON-HOLE DROPS
∞ EQUILIBRIUM
EQUILIBRIUM FLOW
MAGNETIC MIRRORS
MAGNETOHYDRODYNAMIC STABILITY
STRONGLY COUPLED PLASMAS

PLASMA ETCHING

RT SPUTTERING

PLASMA FLOW

USE MAGNETOHYDRODYNAMIC FLOW

PLASMA FLUX MEASUREMENT

RT INTERFEROMETRY
MAGNETOHYDRODYNAMIC FLOW
MICROWAVE PLASMA PROBES
ROTATING PLASMAS

PLASMA FOCUS

GS FOCI
. PLASMA FOCUS
PARTICLES
. CHARGED PARTICLES
. . ENERGETIC PARTICLES
. . . PLASMAS (PHYSICS)
. . . . DENSE PLASMAS
. PLASMA FOCUS
RT NUCLEAR FUSION
PLASMA COMPRESSION
STRONGLY COUPLED PLASMAS
ZETA PINCH

PLASMA FREQUENCIES

GS FREQUENCIES
. PLASMA FREQUENCIES
RT ELECTRON DENSITY (CONCENTRATION)
ELECTROSTATIC PROBES
FREE ELECTRONS
PLASMONS

PLASMA GENERATION

USE PLASMA GENERATORS

PLASMA GENERATORS

SN (EXCLUDES MAGNETOHYDRODYNAMIC
OR THERMONUCLEAR GENERATORS OF
ELECTRIC POWER)
UF PLASMA GENERATION
GS PLASMA GENERATORS
. PLASMA GUNS
. PLASMATRONS
. . DUOPLASMATRONS
. . . VON ARDENNE DUOPLASMATRONS
. . . SCYLLA
. . . TOKAMAK DEVICES
RT ARC CHAMBERS
ARC GENERATORS
CLOSED CYCLES
COLLOIDAL GENERATORS
ELECTRIC ARCS
EXPLODING WIRES
∞ GENERATORS
HALL GENERATORS
HIGH TEMPERATURE RESEARCH
ION INJECTION
ION SOURCES
MAGNETOHYDRODYNAMIC GENERATORS
PENNING DISCHARGE
PULSE GENERATORS
THERMAL PLASMAS
THERMONUCLEAR POWER GENERATION
WIND TUNNEL DRIVES

PLASMA GUNS

GS PLASMA GENERATORS
. PLASMA GUNS
RT COAXIAL PLASMA ACCELERATORS

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PLASMA GUNS-(CONT.)

CROSSED FIELD GUNS
ELECTRON GUNS
∞ GUNS
MAGNETIC LENSES
PLASMATRONS

PLASMA HEATING

GS HEATING
. PLASMA HEATING
. . ELECTRON CYCLOTRON HEATING
RT ARC HEATING
BEAM INJECTION
BETA FACTOR
BUMPY TORUSES
ENERGY TRANSFER
GAS HEATING
INDUCTION HEATING
IONOSPHERIC HEATING
KINETIC HEATING
MAGNETIC PUMPING
MAGNETOHYDRODYNAMIC SHEAR
HEATING
PLASMA TEMPERATURE
RADIO FREQUENCY HEATING
RELATIVISTIC ELECTRON BEAMS
SHOCK HEATING

PLASMA INSTABILITY

USE MAGNETOHYDRODYNAMIC STABILITY

PLASMA INTERACTION EXPERIMENT

UF PIX
GS PAYLOADS
. SPACE SHUTTLE PAYLOADS
. . SPACEBORNE EXPERIMENTS
. . . PLASMA INTERACTION
EXPERIMENT
RT LANDSAT 3
SPACE DENSITY
SPHINX

PLASMA INTERACTIONS

GS PLASMA INTERACTIONS
. PLASMA-ELECTROMAGNETIC
INTERACTION
RT ELECTROMAGNETIC INTERACTIONS
∞ INTERACTIONS
SPACE PLASMAS
WAVE INTERACTION
WEIBEL INSTABILITY

PLASMA JET SYNTHESIS

RT CHEMICAL REACTIONS
∞ SYNTHESIS

PLASMA JET WIND TUNNELS

UF HYDRODYNAMIC TUNNELS
GS TEST FACILITIES
. WIND TUNNELS
. . HYPERSONIC WIND TUNNELS
. . . PLASMA JET WIND TUNNELS
. . . HYPERVELOCITY WIND TUNNELS
. . . PLASMA JET WIND TUNNELS

PLASMA JETS

UF PLASMA ARCS
PLASMA DISCHARGES
GS PARTICLES
. PLASMA JETS
RT ∞ ARCS
CROSSED FIELD GUNS
DROP TRANSFER
ELECTRON BEAMS
ELECTRON BOMBARDMENT
FLUID JETS
ION INJECTION
∞ JETS
LOW DENSITY WIND TUNNELS
MAGNETIC LENSES
PLASMA TORCHES
PLASMATRONS
PULSE DIFFRACTION
RELATIVISTIC ELECTRON BEAMS
RELATIVISTIC PLASMAS
TOROIDAL DISCHARGE
VAPOR JETS

PLASMA LAYERS

GS PARTICLES
. CHARGED PARTICLES
. . PLASMA LAYERS
. . . PLASMA SHEATHS
RT ATMOSPHERIC STRATIFICATION
∞ LAYERS

PLASMA LAYERS-(CONT.)

SPACE PLASMAS
 ∞ TRANSITION LAYERS

PLASMA LIFETIME

GS LIFE (DURABILITY)
 . **PLASMA LIFETIME**
 RT MAGNETOHYDRODYNAMIC STABILITY

PLASMA LOSS

RT LIMITERS (FUSION REACTORS)
 LOSSES
 MAGNETOHYDRODYNAMIC STABILITY

PLASMA OSCILLATIONS

UF ION OSCILLATION
 PLASMA PERTURBATION
 GS OSCILLATIONS
 . **PLASMA OSCILLATIONS**
 RT ELECTRON OSCILLATIONS
 ION ACOUSTIC WAVES
 NONUNIFORM PLASMAS
 PLASMAPAUSE
 PLASMONS

PLASMA PERTURBATION

USE PLASMA OSCILLATIONS

PLASMA PHYSICS

UF PLASMA THEORY
 RT ALPHA PLASMA DEVICES
 BBGKY HIERARCHY
 BETA FACTOR
 BOUNDARY LAYER PLASMAS
 CONTROLLED FUSION
 ELECTRON RUNAWAY (PLASMA PHYSICS)
 HALL ACCELERATORS
 INSTANTONS
 LARMOR RADIUS
 LIIOUVILLE EQUATIONS
 MAGNETIC FIELD CONFIGURATIONS
 MAGNETOHYDRODYNAMICS
 MAGNETOHYDROSTATICS
 NEGATIVE IONS
 NEUTRAL SHEETS
 ∞ PHYSICS
 PLASMAPAUSE
 PLASMAS (PHYSICS)
 RADIATION TRAPPING
 SEMICONDUCTOR PLASMAS
 SPACE PLASMAS
 THEORETICAL PHYSICS
 THERMODYNAMICS
 TOKAMAK DEVICES
 URANIUM PLASMAS

PLASMA PINCH

GS PINCH EFFECT
 . **PLASMA PINCH**
 . . SCREW PINCH
 . . THETA PINCH
 . . ZETA PINCH
 RT MAGNETOHYDRODYNAMIC STABILITY
 Q DEVICES

PLASMA POTENTIALS

GS POTENTIAL ENERGY
 . **PLASMA POTENTIALS**
 RT DEBYE-HUCKEL THEORY
 MAGNETOHYDRODYNAMIC STABILITY
 NONEQUILIBRIUM PLASMAS
 ∞ POTENTIAL

PLASMA POWER SOURCES

GS **PLASMA POWER SOURCES**
 . PLASMA ENGINES
 . . TWO STAGE PLASMA ENGINES
 RT ELECTRIC PROPULSION
 ∞ ENERGY SOURCES
 ∞ POWER SUPPLIES
 THERMIONIC CONVERTERS

PLASMA PROBES

GS MEASURING INSTRUMENTS
 . **PLASMA PROBES**
 . . ELECTROSTATIC PROBES
 RT ION SHEATHS
 PLASMAGUIDES
 RADIO FREQUENCY IMPEDANCE PROBES

PLASMA PROPULSION

GS PROPULSION

PLASMA PROPULSION-(CONT.)

. ELECTRIC PROPULSION
 . . **PLASMA PROPULSION**
 . . LOW THRUST PROPULSION
 . . **PLASMA PROPULSION**
 . . SPACECRAFT PROPULSION
 . . **PLASMA PROPULSION**
 RT DUOPLASMATRONS
 ELECTROMAGNETIC PROPULSION
 ELECTROSTATIC PROPULSION
 GASEOUS FISSION REACTORS
 ION PROPULSION
 MAGNETIC ANNULAR ARC
 MAGNETOHYDRODYNAMICS
 MAGNETOPLASMA DYNAMICS
 NUCLEAR ELECTRIC PROPULSION
 PLASMAS (PHYSICS)
 PLASMATRONS
 VON ARDENNE DUOPLASMATRONS

PLASMA PUMPING

RT GAS INJECTION
 MOLECULAR PUMPS
 PLASMAS (PHYSICS)
 ∞ PUMPING

PLASMA RADIATION

RT ELECTRON RADIATION
 FLUORESCENCE
 GLOW DISCHARGES
 ION CYCLOTRON RADIATION
 LUMINESCENCE
 NONEQUILIBRIUM PLASMAS
 OPTICAL RESONANCE
 PHOSPHORESCENCE
 POLARIZED RADIATION
 ∞ RADIATION
 RELATIVISTIC PLASMAS

PLASMA RENIN ACTIVITY

USE IMMUNOASSAY

PLASMA RESONANCE

GS RESONANCE
 . **PLASMA RESONANCE**
 RT CYCLOTRON RESONANCE
 ELECTROMAGNETIC INTERACTIONS
 RESONANCE LINES
 RESONANCE PROBES

PLASMA RINGS

USE TOROIDAL PLASMAS

PLASMA SHEATHS

GS PARTICLES
 . CHARGED PARTICLES
 . . PLASMA LAYERS
 . . . **PLASMA SHEATHS**
 SHEATHS
 . **PLASMA SHEATHS**
 RT BLACKOUT (PROPAGATION)
 BOUNDARY LAYER PLASMAS
 ION SHEATHS
 MAGNETOHYDRODYNAMIC SHEAR HEATING
 METALLIC PLASMAS
 MISSILES
 NONEQUILIBRIUM PLASMAS
 REENTRY COMMUNICATION
 REENTRY EFFECTS
 REENTRY PHYSICS
 SYSTEM GENERATED
 ELECTROMAGNETIC PULSES
 UNCONTROLLED REENTRY (SPACECRAFT)

PLASMA SLABS

GS PARTICLES
 . CHARGED PARTICLES
 . . **PLASMA SLABS**
 RT MAGNETOHYDRODYNAMIC STABILITY

PLASMA SOUND WAVES

USE MAGNETOHYDRODYNAMIC WAVES
 PLASMA WAVES

PLASMA SPECTRA

GS SPECTRA
 . **PLASMA SPECTRA**
 RT EMISSION SPECTRA
 ENERGY SPECTRA
 OPTICAL RESONANCE
 RADIATION SPECTRA

PLASMA SPRAYING

GS SPRAYING
 RT **PLASMA SPRAYING**
 COATING
 COATINGS
 FLAME SPRAYING
 METAL MATRIX COMPOSITES
 SPRAYED COATINGS

PLASMA STABILITY

USE MAGNETOHYDRODYNAMIC STABILITY

PLASMA TEMPERATURE

GS TEMPERATURE
 . **PLASMA TEMPERATURE**
 RT ION TEMPERATURE
 MAGNETOHYDRODYNAMIC STABILITY
 PLASMA HEATING
 THERMAL PLASMAS

PLASMA THEORY

USE PLASMA PHYSICS

PLASMA TORCHES

RT PLASMA ARC CUTTING
 PLASMA ARC WELDING
 PLASMA JETS

PLASMA TURBULENCE

GS TURBULENCE
 . MAGNETOHYDRODYNAMIC TURBULENCE
 . . **PLASMA TURBULENCE**
 RT MAGNETOHYDRODYNAMIC FLOW
 MAGNETOHYDRODYNAMIC STABILITY

PLASMA WAVES

UF PLASMA SOUND WAVES
 GS ELASTIC WAVES
 . MAGNETOHYDRODYNAMIC WAVES
 . . **PLASMA WAVES**
 . . . ELECTROSTATIC WAVES
 RT COLLISIONAL PLASMAS
 DIFFUSION WAVES
 ELECTROACOUSTIC WAVES
 ELECTRON PLASMA
 ION ACOUSTIC WAVES
 ION CYCLOTRON RADIATION
 IONIC WAVES
 LANDAU DAMPING
 MAGNETOACOUSTIC WAVES
 MAGNETOELASTIC WAVES
 NONUNIFORM PLASMAS
 PLASMA DRIFT
 PLASMAS (PHYSICS)
 SHOCK WAVES
 SPACE PLASMAS
 WAVE PACKETS

PLASMA-ELECTROMAGNETIC INTERACTION

GS ELECTROMAGNETIC INTERACTIONS
 . **PLASMA-ELECTROMAGNETIC INTERACTION**
 PLASMA INTERACTIONS
 . **PLASMA-ELECTROMAGNETIC INTERACTION**
 RT ∞ INTERACTIONS
 SPACE PLASMAS

PLASMA-PARTICLE INTERACTIONS

RT BEAM INJECTION
 BEAM PLASMA AMPLIFIERS
 CHARGE EXCHANGE
 ELECTROMAGNETIC INTERACTIONS
 ELECTRON PHONON INTERACTIONS
 ELECTRON PLASMA
 ∞ INTERACTIONS
 PARTICLE THEORY
 PLASMA CURRENTS
 PLASMAS (PHYSICS)
 RELATIVISTIC ELECTRON BEAMS
 RELATIVISTIC PLASMAS
 SPHINX

PLASMADYNAMIC LASERS

GS STIMULATED EMISSION DEVICES
 . LASERS
 . . **PLASMADYNAMIC LASERS**
 RT COHERENT LIGHT
 GASDYNAMIC LASERS
 LASER APPLICATIONS

PLASMAGUIDES

GS TRANSMISSION LINES

PLASMAPAUSE

PLASMAGUIDES-(CONT.)

COMMUNICATION CABLES
WAVEGUIDES
PLASMAGUIDES
RT BEAM WAVEGUIDES
ELECTROMAGNETIC WAVE
TRANSMISSION
MICROWAVE PLASMA PROBES
PLASMA CYLINDERS
PLASMA ELECTRODES
PLASMA PROBES
WAVE PROPAGATION

PLASMAPAUSE

RT COSMIC PLASMA
MAGNETOSPHERE
PLASMA CLOUDS
PLASMA OSCILLATIONS
PLASMA PHYSICS
PLASMAS (PHYSICS)
SOLAR WIND

PLASMAS (PHYSICS)

UF ELECTROSTATIC PLASMA
IONIZED PLASMAS
MAGNETOIONIC PLASMA
MAGNETOPLASMAS
PLASMOIDS
GS PARTICLES
CHARGED PARTICLES
ENERGETIC PARTICLES
PLASMAS (PHYSICS)
ARGON PLASMA
BETA PARTICLES
BOUNDARY LAYER PLASMAS
COLD PLASMAS
COLLISIONAL PLASMAS
STRONGLY COUPLED PLASMAS
COLLISIONLESS PLASMAS
COSMIC PLASMA
CYLINDRICAL PLASMAS
DENSE PLASMAS
PLASMA FOCUS
STRONGLY COUPLED PLASMAS
ELECTRON PLASMA
ELLIPTICAL PLASMAS
HELIUM PLASMA
HIGH TEMPERATURE PLASMAS
LASER PLASMAS
METALLIC PLASMAS
CESIUM PLASMA
MICROPLASMAS
NITROGEN PLASMA
NONEQUILIBRIUM PLASMAS
NONUNIFORM PLASMAS
RAREFIED PLASMAS
RELATIVISTIC PLASMAS
ROTATING PLASMAS
SOLAR WIND
SPHERICAL PLASMAS
STELLAR WINDS
THERMAL PLASMAS
RT BEAM PLASMA AMPLIFIERS
BLACKOUT (PROPAGATION)
COMBUSTION PHYSICS
CORE FLOW
DEBYE LENGTH
DEUTERON IRRADIATION
DEUTERONS
ELECTRIC ARCS
ELECTRON ENERGY
GASES
HIGH TEMPERATURE FLUIDS
IONS
KELVIN-HELMHOLTZ INSTABILITY
LANDAU FACTOR
LASER FUSION
LIGHT IONS
LIOUVILLE EQUATIONS
LOW DENSITY RESEARCH
MAGNETIC COMPRESSION
MAGNETOHYDRODYNAMICS
MAGNETOIONICS
ONSAGER PHENOMENOLOGICAL
COEFFICIENT
PLASMA ACCELERATION
PLASMA CHEMISTRY
PLASMA COOLING
PLASMA CURRENTS
PLASMA DISPLAY DEVICES
PLASMA PHYSICS
PLASMA PROPULSION
PLASMA PUMPING
PLASMA WAVES
PLASMA-PARTICLE INTERACTIONS

PLASMAS (PHYSICS)-(CONT.)

PLASMAPAUSE
RADIATION BELTS
RAREFIED GAS DYNAMICS
SCYLLA
SOLAR PHYSICS
SPACE CHARGE
STELLAR MAGNETIC FIELDS
THERMAL DISSOCIATION
THERMODYNAMICS
THERMONUCLEAR REACTIONS

PLASMAS-IN-SPACE PAYLOAD

USE AMPS (SATELLITE PAYLOAD)

PLASMASPHERE

RT ATMOSPHERIC IONIZATION
CHEMOSPHERE
EARTH ATMOSPHERE
MAGNETOSPHERE
UPPER ATMOSPHERE

PLASMATRONS

GS ION SOURCES
PLASMATRONS
DUOPLASMATRONS
VON ARDENNE DUOPLASMATRONS
PLASMA GENERATORS
PLASMATRONS
DUOPLASMATRONS
VON ARDENNE DUOPLASMATRONS
RT PLASMA ELECTRODES
PLASMA GUNS
PLASMA JETS
PLASMA PROPULSION

PLASMOIDS

USE PLASMAS (PHYSICS)

PLASMOLYSIS

RT CELLS (BIOLOGY)
CYTOLOGY
DEHYDRATION

PLASMONS

SN (EXCLUDES ORGANIC CYTOPLASMIC
CONDITIONS)
GS ELEMENTARY EXCITATIONS
PLASMONS
RT ELECTRON GAS
EXCITONS
MAGNETOHYDRODYNAMIC STABILITY
MAGNONS
PHONONS
PLASMA FREQUENCIES
PLASMA OSCILLATIONS
POLARONS

PLASTERS

GS PLASTERS
GYPSUM
PARAPLASTS
RT CASTS
GROUT
MOLDING MATERIALS
MORTARS (MATERIAL)
PASTES

PLASTIC AIRCRAFT STRUCTURES

GS AIRCRAFT STRUCTURES
PLASTIC AIRCRAFT STRUCTURES
RT AIRCRAFT CONSTRUCTION MATERIALS
AIRCRAFT SURVIVABILITY
BORON-EPOXY COMPOUNDS
GLASS FIBER REINFORCED PLASTICS
PLASTICS

PLASTIC ANISOTROPY

GS ANISOTROPY
PLASTIC ANISOTROPY
ELASTIC ANISOTROPY
RT VISCOPLASTICITY

PLASTIC COATINGS

GS COATINGS
PLASTIC COATINGS
RT ANTIRADAR COATINGS
ENCAPSULATING
POLYMERIC FILMS
PROTECTIVE COATINGS
SPRAYED COATINGS

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PLASTIC DEFORMATION

UF LUDER BANDS
PLASTIC YIELDING
STRAIN SOFTENING
GS DEFORMATION
PLASTIC DEFORMATION
RT BANDS
BENDING
CREEP PROPERTIES
CREEP TESTS
ELASTIC DEFORMATION
ELONGATION
J INTEGRAL
PLANE STRAIN
SAINT VENANT PRINCIPLE
SHEAR CREEP
SLIP
STRESS PROPAGATION
STRESS RELAXATION
STRESS-STRAIN RELATIONSHIPS
STRETCHING
STRUCTURAL STRAIN
SUPERPLASTICITY
TEMPERATURE INVERSIONS
TENSILE CREEP
TENSILE DEFORMATION
THERMOMECHANICAL TREATMENT
WARPAGE
WORK SOFTENING
YIELD STRENGTH

PLASTIC FILMS

USE POLYMERIC FILMS

PLASTIC FLOW

GS FLUID FLOW
PLASTIC FLOW
TRESCA FLOW
RT CREEP PROPERTIES
FLOW
INTERNAL FRICTION
RHEOLOGY
SHEAR FLOW
STEADY STATE CREEP
STRESS RELAXATION
SUPERPLASTICITY
VISCOELASTICITY
VISCOPLASTICITY

PLASTIC MATERIALS

USE PLASTICS

PLASTIC MEMORY

RT SHAPE MEMORY ALLOYS
STRESS RELAXATION

PLASTIC PROPELLANTS

GS PROPELLANTS
SOLID PROPELLANTS
PLASTIC PROPELLANTS
RT CHEMICAL FUELS
COMPOSITE PROPELLANTS
EXPLOSIVES
GELLED PROPELLANTS
HTPB PROPELLANTS
MONOPROPELLANTS
PLASTICIZERS
POLYBUTADIENE TETRANITRAMINE
PYROTECHNICS

PLASTIC PROPERTIES

UF PLASTICITY
GS MECHANICAL PROPERTIES
PLASTIC PROPERTIES
ELASTOPLASTICITY
PHOTOPLASTICITY
SUPERPLASTICITY
THERMOPLASTICITY
VISCOPLASTICITY
YIELD POINT
RT COHESION
COLD FLOW TESTS
DUCTILITY
ELASTIC PROPERTIES
FATIGUE (MATERIALS)
FLEXIBILITY
HARDNESS
INFLUENCE COEFFICIENT
METHOD OF CHARACTERISTICS
RHEOLOGY
SEMISOLIDS
STRESS RELAXATION
STRESS TENSORS
STRUCTURAL STABILITY

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PLASTIC TAPES

RT ADHESIVES
MAGNETIC TAPES
∞ TAPES

PLASTIC YIELDING

USE PLASTIC DEFORMATION

PLASTICITY

USE PLASTIC PROPERTIES

PLASTICIZERS

UF CASTING SOLVENTS
ELASTICIZERS
GS ADDITIVES
. PLASTICIZERS
RT CASE BONDED PROPELLANTS
COATINGS
DOMINO PROPELLANTS
ESTERS
PLASTIC PROPELLANTS
PROPELLANT ADDITIVES
SKYDROL (TRADEMARK)
SOLID PROPELLANTS
SOLID ROCKET BINDERS
SURFACTANTS
TRIACETIN

PLASTICS

UF PLASTIC MATERIALS
GS PLASTICS
. CARBON FIBER REINFORCED
PLASTICS
. DELRIN (TRADEMARK)
. PERSPEX (TRADEMARK)
. POLYBUTADIENE
. POLYETHYLENES
. POLYETHYLENE TEREPHTHALATE
. POLYISOBUTYLENE
. POLYPROPYLENE
. POLYSTYRENE
. POLYTETRAFLUOROETHYLENE
. POLYVINYL ALCOHOL
. POLYVINYL CHLORIDE
. POLYVINYL FLUORIDE
. REINFORCED PLASTICS
. MICARTA
. SYNTHETIC RESINS
. ADDITION RESINS
. . . ACRYLIC RESINS
. . . VINYL COPOLYMERS
. . . POLYESTER RESINS
. . . POLYETHER RESINS
. . . POLYMETHYL METHACRYLATE
. . . THERMOPLASTIC RESINS
. . . QUINOXALINES
. . . THERMOPLASTIC FILMS
. . . THERMOSETTING RESINS
. . . EPOXY RESINS
. . . FURAN RESINS
. . . . POLYAMIDE RESINS
. . . . KEVLAR (TRADEMARK)
. . . PHENOLIC RESINS
. . . . MICARTA
. . . TEFLON (TRADEMARK)
. . . VITON
RT ACRYLONITRILES
BORON REINFORCED MATERIALS
∞ CONSTRUCTION MATERIALS
ELASTOMERS
FLUOROPOLYMERS
FURANS
INJECTION MOLDING
ION EXCHANGE RESINS
KAPTON (TRADEMARK)
∞ MATERIALS SCIENCE
MOLDING MATERIALS
ORGANIC MATERIALS
PLASTIC AIRCRAFT STRUCTURES
∞ POLYMERS
STYROFOAM (TRADEMARK)
TETRAHYDROFURAN
THIOPLASTICS

PLASTISOLS

GS MIXTURES
. DISPERSIONS
. . PLASTISOLS
. . . SMOKE
RT COLLOIDS
COMPOSITE PROPELLANTS
DOUBLE BASE PROPELLANTS
RESINS

PLAT SYSTEM

UF PILOT LANDING AID TELEVISION
SYSTEM
GS COMMUNICATION EQUIPMENT
. PLAT SYSTEM
TELECOMMUNICATION
. PLAT SYSTEM
TELEVISION SYSTEMS
. PLAT SYSTEM
LANDING AIDS
RT

PLATE (METAL)

USE METAL PLATES

PLATE THEORY

RT FLAT PLATES
STRUCTURAL ANALYSIS

PLATEAUS

GS LANDFORMS
. TERRACES (LANDFORMS)
. . PLATEAUS
. . . ALLEGHENY PLATEAU (US)
. . . COLORADO PLATEAU (US)
. . . MESAS
. . . BUTTES
. . . PIEDMONT
. . . . CENTRAL PIEDMONT (US)
RT APEXES
EROSION
HIGHLANDS
∞ PEAKS
PLAINS
STRATIGRAPHY

PLATELETS

RT BLOOD COAGULATION
BLOOD GROUPS
HISTOLOGY
THROMBOPLASTIN

PLATENS

RT ∞ PLATES
PRESSES
∞ PRESSING
PUNCHES
RAMS (PRESSES)
ROLLERS
TOOLS

∞ PLATES

SN *(USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)*
RT CORRUGATING
DISKS (SHAPES)
FLAT PLATES
METAL COATINGS
METAL PLATES
MICROCHANNEL PLATES
PANELS
PARALLEL PLATES
PHOTOGRAPHIC PLATES
PLATENS
PLATES (STRUCTURAL MEMBERS)
PLATING
RECTANGULAR PLATES
SCATTER PLATES (OPTICS)
THICK PLATES
THIN PLATES
TRAYS

PLATES (STRUCTURAL MEMBERS)

GS STRUCTURAL MEMBERS
. PLATES (STRUCTURAL MEMBERS)
. . ANISOTROPIC PLATES
. . ANNULAR PLATES
. . CANTILEVER PLATES
. . CIRCULAR PLATES
. . CORRUGATED PLATES
. . ELASTIC PLATES
. . END PLATES
. . GIRDER WEBS
. . ORTHOTROPIC PLATES
. . PERFORATED PLATES
. . POROUS PLATES
. . REINFORCED PLATES
RT FLAT PLATES
GIRDERS
METAL PLATES
METAL SHEETS
ORTHOTROPISM
∞ PLATES
RECTANGULAR PLATES
REISSNER THEORY

PLATINUM COMPOUNDS

PLATES (STRUCTURAL MEMBERS)-(CONT.)

SLABS
THICK PLATES
THIN PLATES

PLATES (TECTONICS)

RT EARTH CRUST
EARTH MANTLE
EARTH PLANETARY STRUCTURE
EARTHQUAKES
GEOLOGICAL FAULTS
GEOPHYSICS
LITHOSPHERE
STRUCTURAL PROPERTIES (GEOLOGY)
TECTONICS

∞ PLATFORMS

SN *(USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)*
RT FLIGHT MECHANICS
FLOORS
FLYING PLATFORMS
GUIDANCE (MOTION)
INERTIAL PLATFORMS
LANDFORMS
LAUNCHING PADS
OFFSHORE PLATFORMS
SLABS
SOLETTAS
SPACE STATIONS
STABILIZED PLATFORMS
SUPPORTS
SYNCHRONOUS PLATFORMS

PLATING

GS PLATING
. ELECTROPLATING
. FLAME PLATING
. ION PLATING
. NICKEL PLATE
RT ANODIC STRIPPING
CATHODIC COATINGS
CLADDING
DEPOSITION
DEPOSITS
ELECTRODEPOSITION
ELECTROLESS DEPOSITION
FINISHES
LAMINATES
METAL COATINGS
METAL FINISHING
METALLIZING
∞ PLATES
PROTECTIVE COATINGS
SUBSTRATES
THIN FILMS

PLATINUM

GS CHEMICAL ELEMENTS
. PLATINUM
. . PLATINUM BLACK
. . PLATINUM ISOTOPES
METALS
. TRANSITION METALS
. . PLATINUM
. . . PLATINUM BLACK
. . . PLATINUM ISOTOPES

PLATINUM ALLOYS

GS ALLOYS
. PLATINUM ALLOYS

PLATINUM BLACK

GS CHEMICAL ELEMENTS
. PLATINUM
. . PLATINUM BLACK
METALS
. METAL POWDER
. . PLATINUM BLACK
. . TRANSITION METALS
. . PLATINUM
. . . PLATINUM BLACK
PARTICLES
. METAL PARTICLES
. . PLATINUM BLACK
. . POWDER (PARTICLES)
. . PLATINUM BLACK
CATALYSTS
RT

PLATINUM COMPOUNDS

GS PLATINUM COMPOUNDS
. PLATINUM OXIDES
RT ∞ CHEMICAL COMPOUNDS
∞ GROUP 8 COMPOUNDS

PLATINUM ISOTOPES

PLATINUM COMPOUNDS-(CONT.)

∞ METAL COMPOUNDS

PLATINUM ISOTOPES

GS CHEMICAL ELEMENTS
 . NUCIDES
 . . ISOTOPES
 . . . **PLATINUM ISOTOPES**
 . PLATINUM
 . . **PLATINUM ISOTOPES**
 METALS
 . TRANSITION METALS
 . . PLATINUM
 . . . **PLATINUM ISOTOPES**

PLATINUM OXIDES

GS CHALCOGENIDES
 . OXIDES
 . . METAL OXIDES
 . . . **PLATINUM OXIDES**
 PLATINUM COMPOUNDS
 . **PLATINUM OXIDES**

PLAYAS

GS LAND
 . PLAINS
 . . **PLAYAS**
 LANDFORMS
 . **PLAYAS**
 RT DESERTS
 LAKES

PLAYBACKS

RT MAGNETIC TAPES
 ∞ RECORDERS
 RECORDING
 RECORDS
 ∞ TAPES
 VIDEO DISKS

PLENUM CHAMBERS

RT AIR INTAKES
 ∞ CHAMBERS
 DUCTS
 EXHAUST SYSTEMS
 FUEL SYSTEMS
 INTAKE SYSTEMS
 MANIFOLDS
 ∞ WATER INTAKES

PLETHYSMOGRAPHY

GS BIOENGINEERING
 . BIOMETRICS
 . . **PLETHYSMOGRAPHY**
 . . . ELECTROPLETHYSMOGRAPHY

PLEURAE

GS MEMBRANES
 . **PLEURAE**
 RT LUNGS

PLEUROTIN

GS DRUGS
 . ANTIBIOTICS
 . . **PLEUROTIN**
 RT STAPHYLOCOCCUS

PLEXIGLASS (TRADEMARK)

USE POLYMETHYL METHACRYLATE

PLIES

USE LAYERS

∞ PLOTS

SN *(USE OF A MORE SPECIFIC TERM IS
 RECOMMENDED--CONSULT THE TERMS
 LISTED BELOW)*
 RT CHARTS
 DISPLAY DEVICES
 PLOTTERS
 PLOTTING
 SITES

PLOTTERS

UF PLOTTING INSTRUMENTS
 GS RECORDING INSTRUMENTS
 . **PLOTTERS**
 . . X-Y PLOTTERS
 RT COMPUTER GRAPHICS
 DIGITAL TO ANALOG CONVERTERS
 DISPLAY DEVICES
 NAVIGATION AIDS
 ∞ PLOTS
 PLOTTING

PLOTTERS-(CONT.)

POSITION INDICATORS
 PRINTERS
 REMOTE CONSOLES

PLOTTING

RT ANALOG TO DIGITAL CONVERTERS
 DISPLAY DEVICES
 NAVIGATION
 ∞ PLOTS
 PLOTTERS
 PRINTING
 RECORDING

PLOTTING INSTRUMENTS

USE PLOTTERS

PLOWED FIELDS

USE FARMLANDS

PLOWING

GS CULTIVATION
 . **PLOWING**
 RT AGRICULTURE
 FARM CROPS
 FARMLANDS
 GRASSLANDS
 PLANTING
 PLANTS (BOTANY)
 PLOWS
 SOD
 TRACTORS

PLOWS

RT AGRICULTURE
 MIXERS
 PLANTING
 PLOWING

PLSS

USE PORTABLE LIFE SUPPORT SYSTEMS

PLUG NOZZLES

GS EXHAUST NOZZLES
 . **PLUG NOZZLES**
 RT ANNULAR NOZZLES
 CONICAL NOZZLES
 NOZZLE GEOMETRY
 ∞ NOZZLES
 ROCKET NOZZLES
 SPIKE NOZZLES

PLUGGING

UF CLOGGING
 RT AGGLOMERATION
 BLOCKING
 CAULKING
 CLOSING
 CLOSURES
 CONSTRICTIONS
 FOULING
 PLUGS
 SEALING
 SEALS (STOPPERS)

PLUGS

SN (EXCLUDES SPARKPLUGS OR
 ELECTRICAL CONNECTORS)
 GS SEALS (STOPPERS)
 . **PLUGS**
 RT BLOCKING
 CLOSURES
 LABYRINTH SEALS
 OUTLETS
 PLUGGING
 STOPPING

PLUM BROOK REACTOR

GS NUCLEAR REACTORS
 . LIQUID COOLED REACTORS
 . . WATER COOLED REACTORS
 . . . **PLUM BROOK REACTOR**
 . NUCLEAR RESEARCH AND TEST
 REACTORS
 . . **PLUM BROOK REACTOR**

PLUMAGE

RT BIRDS

PLUMBANE

USE LEAD COMPOUNDS
 METAL HYDRIDES

NASA THESAURUS (VOLUME 1)

PLUMES

GS **PLUMES**
 . ROCKET EXHAUST
 RT CHIMNEYS
 CONDENSATES
 POLLUTION TRANSPORT
 SHOCK WAVES

PLUNGERS

RT MIXERS
 PISTONS
 RAMS (PRESSES)
 RAMS (PUMPS)

PLUTO (PLANET)

GS CELESTIAL BODIES
 . PLANETS
 . . **PLUTO (PLANET)**
 RT CHARON

PLUTO REACTORS

GS NUCLEAR REACTORS
 . **PLUTO REACTORS**
 RT NUCLEAR RAMJET ENGINES
 NUCLEAR ROCKET ENGINES
 SUPERSONIC LOW ALTITUDE MISSILE

PLUTONIUM

GS CHEMICAL ELEMENTS
 . ACTINIDE SERIES
 . . TRANSURANIUM ELEMENTS
 . . . **PLUTONIUM**
 PLUTONIUM ISOTOPES
 PLUTONIUM 238
 PLUTONIUM 239
 PLUTONIUM 240
 PLUTONIUM 241
 PLUTONIUM 244
 . NUCIDES
 . . ISOTOPES
 . . . RADIOACTIVE ISOTOPES
 TRANSURANIUM ELEMENTS
 **PLUTONIUM**
 PLUTONIUM ISOTOPES
 HEAVY ELEMENTS
 . TRANSURANIUM ELEMENTS
 . . **PLUTONIUM**
 . . . PLUTONIUM ISOTOPES
 PLUTONIUM 238
 PLUTONIUM 239
 PLUTONIUM 240
 PLUTONIUM 241
 PLUTONIUM 244
 METALS
 . ACTINIDE SERIES
 . . TRANSURANIUM ELEMENTS
 . . . **PLUTONIUM**
 PLUTONIUM ISOTOPES
 PLUTONIUM 238
 PLUTONIUM 239
 PLUTONIUM 240
 PLUTONIUM 241
 PLUTONIUM 244
 RT FISSIONABLE MATERIALS
 NUCLEAR FUELS

PLUTONIUM ALLOYS

GS ALLOYS
 . **PLUTONIUM ALLOYS**
 RT NUCLEAR FUEL ELEMENTS
 NUCLEAR FUELS

PLUTONIUM CARBIDES

USE PLUTONIUM COMPOUNDS

PLUTONIUM COMPOUNDS

UF PLUTONIUM CARBIDES
 GS ACTINIDE SERIES COMPOUNDS
 . **PLUTONIUM COMPOUNDS**
 . . PLUTONIUM FLUORIDES
 . . . PLUTONIUM OXIDES
 RT CERAMIC NUCLEAR FUELS
 ∞ METAL COMPOUNDS
 NUCLEAR FUELS

PLUTONIUM FLUORIDES

GS ACTINIDE SERIES COMPOUNDS
 . PLUTONIUM COMPOUNDS
 . . **PLUTONIUM FLUORIDES**
 HALOGEN COMPOUNDS
 . FLUORINE COMPOUNDS
 . . FLUORIDES
 . . . METAL FLUORIDES
 **PLUTONIUM FLUORIDES**
 . HALIDES

PLUTONIUM FLUORIDES-(CONT.)

- . . . METAL HALIDES
- . . . **PLUTONIUM FLUORIDES**

PLUTONIUM ISOTOPES

- GS CHEMICAL ELEMENTS
 - . . . ACTINIDE SERIES
 - . . . TRANSURANIUM ELEMENTS
 - . . . **PLUTONIUM**
 - **PLUTONIUM ISOTOPES**
 - PLUTONIUM 238
 - PLUTONIUM 239
 - PLUTONIUM 240
 - PLUTONIUM 241
 - PLUTONIUM 244
 - . . . NUCLIDES
 - . . . ISOTOPES
 - . . . RADIOACTIVE ISOTOPES
 - . . . TRANSURANIUM ELEMENTS
 - . . . **PLUTONIUM**
 - **PLUTONIUM ISOTOPES**
- HEAVY ELEMENTS
 - . . . TRANSURANIUM ELEMENTS
 - . . . **PLUTONIUM**
 - **PLUTONIUM ISOTOPES**
 - PLUTONIUM 238
 - PLUTONIUM 239
 - PLUTONIUM 240
 - PLUTONIUM 241
 - PLUTONIUM 244
- METALS
 - . . . ACTINIDE SERIES
 - . . . TRANSURANIUM ELEMENTS
 - . . . **PLUTONIUM**
 - **PLUTONIUM ISOTOPES**
 - PLUTONIUM 238
 - PLUTONIUM 239
 - PLUTONIUM 240
 - PLUTONIUM 241
 - PLUTONIUM 244

PLUTONIUM OXIDES

- GS ACTINIDE SERIES COMPOUNDS
 - . . . PLUTONIUM COMPOUNDS
 - . . . **PLUTONIUM OXIDES**
- CHALCOGENIDES
 - . . . OXIDES
 - . . . METAL OXIDES
 - . . . **PLUTONIUM OXIDES**
- RT CERAMIC NUCLEAR FUELS
 - . . . MIXED OXIDES

PLUTONIUM RECYCLE TEST REACTOR

- UF PRTR (REACTOR)
- GS NUCLEAR ELECTRIC POWER GENERATION
 - . . . NUCLEAR POWER REACTORS
 - . . . **PLUTONIUM RECYCLE TEST REACTOR**
- NUCLEAR REACTORS
 - . . . LIQUID COOLED REACTORS
 - . . . WATER COOLED REACTORS
 - . . . HEAVY WATER REACTORS
 - . . . **PLUTONIUM RECYCLE TEST REACTOR**
- NUCLEAR POWER REACTORS
 - . . . **PLUTONIUM RECYCLE TEST REACTOR**
- NUCLEAR RESEARCH AND TEST REACTORS
 - . . . **PLUTONIUM RECYCLE TEST REACTOR**
- WATER MODERATED REACTORS
 - . . . **PLUTONIUM RECYCLE TEST REACTOR**

PLUTONIUM 238

- GS CHEMICAL ELEMENTS
 - . . . ACTINIDE SERIES
 - . . . TRANSURANIUM ELEMENTS
 - . . . **PLUTONIUM**
 - PLUTONIUM ISOTOPES
 - **PLUTONIUM 238**
 - . . . NUCLIDES
 - . . . ISOTOPES
 - . . . RADIOACTIVE ISOTOPES
 - . . . TRANSURANIUM ELEMENTS
 - . . . **PLUTONIUM**
 - PLUTONIUM ISOTOPES
- HEAVY ELEMENTS
 - . . . TRANSURANIUM ELEMENTS
 - . . . **PLUTONIUM**
 - PLUTONIUM ISOTOPES
 - **PLUTONIUM 238**
- METALS

PLUTONIUM 238-(CONT.)

- . . . ACTINIDE SERIES
- . . . TRANSURANIUM ELEMENTS
- . . . **PLUTONIUM**
 - PLUTONIUM ISOTOPES
 - **PLUTONIUM 238**

PLUTONIUM 239

- GS CHEMICAL ELEMENTS
 - . . . ACTINIDE SERIES
 - . . . TRANSURANIUM ELEMENTS
 - . . . **PLUTONIUM**
 - PLUTONIUM ISOTOPES
 - **PLUTONIUM 239**
 - . . . NUCLIDES
 - . . . ISOTOPES
 - . . . RADIOACTIVE ISOTOPES
 - . . . TRANSURANIUM ELEMENTS
 - . . . **PLUTONIUM**
 - PLUTONIUM ISOTOPES
- HEAVY ELEMENTS
 - . . . TRANSURANIUM ELEMENTS
 - . . . **PLUTONIUM**
 - PLUTONIUM ISOTOPES
 - **PLUTONIUM 239**
- METALS
 - . . . ACTINIDE SERIES
 - . . . TRANSURANIUM ELEMENTS
 - . . . **PLUTONIUM**
 - PLUTONIUM ISOTOPES
 - **PLUTONIUM 239**

PLUTONIUM 240

- GS CHEMICAL ELEMENTS
 - . . . ACTINIDE SERIES
 - . . . TRANSURANIUM ELEMENTS
 - . . . **PLUTONIUM**
 - PLUTONIUM ISOTOPES
 - **PLUTONIUM 240**
 - . . . NUCLIDES
 - . . . ISOTOPES
 - . . . RADIOACTIVE ISOTOPES
 - . . . TRANSURANIUM ELEMENTS
 - . . . **PLUTONIUM**
 - PLUTONIUM ISOTOPES
- HEAVY ELEMENTS
 - . . . TRANSURANIUM ELEMENTS
 - . . . **PLUTONIUM**
 - PLUTONIUM ISOTOPES
 - **PLUTONIUM 240**
- METALS
 - . . . ACTINIDE SERIES
 - . . . TRANSURANIUM ELEMENTS
 - . . . **PLUTONIUM**
 - PLUTONIUM ISOTOPES
 - **PLUTONIUM 240**

PLUTONIUM 241

- GS CHEMICAL ELEMENTS
 - . . . ACTINIDE SERIES
 - . . . TRANSURANIUM ELEMENTS
 - . . . **PLUTONIUM**
 - PLUTONIUM ISOTOPES
 - **PLUTONIUM 241**
 - . . . NUCLIDES
 - . . . ISOTOPES
 - . . . RADIOACTIVE ISOTOPES
 - . . . TRANSURANIUM ELEMENTS
 - . . . **PLUTONIUM**
 - PLUTONIUM ISOTOPES
- HEAVY ELEMENTS
 - . . . TRANSURANIUM ELEMENTS
 - . . . **PLUTONIUM**
 - PLUTONIUM ISOTOPES
 - **PLUTONIUM 241**
- METALS
 - . . . ACTINIDE SERIES
 - . . . TRANSURANIUM ELEMENTS
 - . . . **PLUTONIUM**
 - PLUTONIUM ISOTOPES
 - **PLUTONIUM 241**

PLUTONIUM 244

- GS CHEMICAL ELEMENTS
 - . . . ACTINIDE SERIES
 - . . . TRANSURANIUM ELEMENTS
 - . . . **PLUTONIUM**
 - PLUTONIUM ISOTOPES
 - **PLUTONIUM 244**
 - . . . NUCLIDES
 - . . . ISOTOPES
 - . . . RADIOACTIVE ISOTOPES
 - . . . TRANSURANIUM ELEMENTS
 - . . . **PLUTONIUM**
 - PLUTONIUM ISOTOPES

PLUTONIUM 244-(CONT.)

- HEAVY ELEMENTS
 - . . . TRANSURANIUM ELEMENTS
 - . . . **PLUTONIUM**
 - PLUTONIUM ISOTOPES
 - **PLUTONIUM 244**
- METALS
 - . . . ACTINIDE SERIES
 - . . . TRANSURANIUM ELEMENTS
 - . . . **PLUTONIUM**
 - PLUTONIUM ISOTOPES
 - **PLUTONIUM 244**

PLUVIOGRAPHS

- USE RAIN GAGES
 - . . . RECORDING INSTRUMENTS

PLY ORIENTATION

- RT ALIGNMENT
 - . . . COMPOSITE MATERIALS
 - . . . INTERLAYERS
 - . . . LAMINATES
 - . . . LAYERS
 - . . . MULTILAYER INSULATION
 - . . . ORIENTATION
 - . . . PLYWOOD
 - . . . POSITIONING
 - . . . SANDWICH STRUCTURES
 - . . . SUBSTRATES

PLYWOOD

- GS COMPOSITE MATERIALS
 - . . . LAMINATES
 - . . . **PLYWOOD**
- COMPOSITE STRUCTURES
 - . . . LAMINATES
 - . . . **PLYWOOD**
 - . . . WOOD
 - . . . **PLYWOOD**
- RT PLY ORIENTATION
 - . . . TREES (PLANTS)
 - . . . WOODEN STRUCTURES

PNEUMATIC CIRCUITS

- GS CIRCUITS
 - . . . **PNEUMATIC CIRCUITS**
 - . . . PNEUMATIC EQUIPMENT
 - . . . **PNEUMATIC CIRCUITS**
- RT FLUIDICS
 - . . . VALVES

PNEUMATIC CONTROL

- UF PNEUMATIC RESET
- RT AUTOMATIC CONTROL
 - . . . AUTOMATIC CONTROL VALVES
 - . . . COMPRESSED GAS
 - . . . CONTROL
 - . . . CONTROL EQUIPMENT
 - . . . CONTROL VALVES
 - . . . CONTROLLERS
 - . . . ELECTRONIC CONTROL
 - . . . ENGINE CONTROL
 - . . . FLUID POWER
 - . . . FLUIDICS
 - . . . HYDRAULIC CONTROL
 - . . . REMOTE CONTROL

PNEUMATIC EQUIPMENT

- GS **PNEUMATIC EQUIPMENT**
 - . . . GAS VALVES
 - . . . PNEUMATIC CIRCUITS
- RT AIR BAG RESTRAINT DEVICES
 - . . . COMPRESSED AIR
 - . . . CUSHIONS
 - . . . EQUIPMENT
 - . . . FLUID AMPLIFIERS
 - . . . FLUID POWER
 - . . . FLUID SWITCHING ELEMENTS
 - . . . FLUIDICS
 - . . . GAS GENERATORS
 - . . . GOLAY DETECTOR CELLS
 - . . . INFLATABLE STRUCTURES
 - . . . NETWORKS
 - . . . SERVOCONTROL
 - . . . SERVOMECHANISMS
 - . . . SHOCK ABSORBERS
 - . . . SYSTEMS
 - . . . VALVES

PNEUMATIC PROBES

- GS MEASURING INSTRUMENTS
 - . . . TEMPERATURE MEASURING INSTRUMENTS
 - . . . TEMPERATURE PROBES
 - . . . **PNEUMATIC PROBES**

PNEUMATIC RESET

PNEUMATIC PROBES-(CONT.)

RT FLOW MEASUREMENT
HIGH TEMPERATURE GASES
MASS FLOW RATE
NOZZLE FLOW
PRESSURE MEASUREMENT

PNEUMATIC RESET

USE PNEUMATIC CONTROL

PNEUMATICS

GS FLUID MECHANICS
. PNEUMATICS
RT FLOW THEORY
FLUID POWER
FLUIDICS
GASES
∞HYDRAULICS

PNEUMOGRAPHY

USE PNEUMOGRAPHY

PNEUMOGRAPHY

UF PNEUMOGRAPHY
RT BIOTELEMETRY
LUNGS
∞MEASUREMENT
RADIOGRAPHY

PNEUMONIA

GS DISEASES
. RESPIRATORY DISEASES
. PNEUMONIA
RT CONGESTION

PNEUMOTHORAX

RT DISEASES
LUNGS
MEDICAL SCIENCE
ORGANS

PNICTIDES

USE GROUP 5A COMPOUNDS

POCKELS EFFECT

USE BIREFRINGENCE

POCKET MICE

GS ANIMALS
. VERTEBRATES
. MAMMALS
. RODENTS
. MICE
. POCKET MICE
RT RATS

PODS (EXTERNAL STORES)

GS EXTERNAL STORES
. PODS (EXTERNAL STORES)
RT COWLINGS
EXTERNAL STORE SEPARATION
FUEL TANKS
NACELLES
WING-FUSELAGE STORES

POGO

UF POLAR ORBIT GEOPHYSICAL
OBSERVATORY
GS OBSERVATORIES
. GEOPHYSICAL OBSERVATORIES
. OGO
. POGO
. OGO-C
. OGO-4
. OGO-6
SATELLITES
. ARTIFICIAL SATELLITES
. GEOPHYSICAL SATELLITES
. OGO
. POGO
. OGO-C
. OGO-4
. OGO-6
. EARTH SATELLITES
. GEOPHYSICAL SATELLITES
. OGO
. POGO
. OGO-C
. OGO-4
. OGO-6
RT AGENA B ROCKET VEHICLE
EGO

POGO EFFECTS

GS VIBRATION
. POGO EFFECTS
VIBRATION EFFECTS
. POGO EFFECTS
RT LONGITUDINAL STABILITY

POHLHAUSEN METHOD

UF POHLHAUSEN SOLUTION
GS ANALYSIS (MATHEMATICS)
. NUMERICAL ANALYSIS
. APPROXIMATION
. POHLHAUSEN METHOD
RT LAMINAR BOUNDARY LAYER
VELOCITY DISTRIBUTION
VISCOUS FLOW

POHLHAUSEN SOLUTION

USE POHLHAUSEN METHOD

POIKILOthermia

GS ANIMALS
. POIKILOthermia
. AMPHIBIA
. FROGS
. REPTILES
. LIZARDS
. SNAKES
. TURTLES
RT BODY TEMPERATURE

POINCARÉ PROBLEM

RT ∞PROBLEMS

POINCARÉ SPHERES

GS SYMMETRICAL BODIES
. BODIES OF REVOLUTION
. SPHERES
. POINCARÉ SPHERES
RT GEOMETRY

POINT DEFECTS

GS DEFECTS
. CRYSTAL DEFECTS
. POINT DEFECTS
. VACANCIES (CRYSTAL DEFECTS)
. FRENKEL DEFECTS
RT CRYSTAL DISLOCATIONS
IMPURITIES
SURFACE DEFECTS

POINT IMPACT

GS IMPACT
. POINT IMPACT
RT ELECTRON IMPACT
HYPERVELOCITY IMPACT
ION IMPACT
PROTON IMPACT

POINT MATCHING METHOD (MATHEMATICS)

USE BOUNDARY VALUE PROBLEMS

POINT SOURCES

GS RADIATION SOURCES
. POINT SOURCES
RT DIFFUSE RADIATION
∞ENERGY SOURCES
HUYGENS PRINCIPLE
LIGHT SOURCES
SPHERICAL WAVES

POINT SPREAD FUNCTIONS

GS FUNCTIONS (MATHEMATICS)
. POINT SPREAD FUNCTIONS
RT IMAGE PROCESSING

POINT TO POINT COMMUNICATION

GS COMMUNICATING
. POINT TO POINT COMMUNICATION
. NASCOM NETWORK
RT RADIO COMMUNICATION
TELECOMMUNICATION
WESTAR SATELLITES
WIDEBAND COMMUNICATION

POINTERS

USE DIALS

POINTING CONTROL SYSTEMS

GS FLIGHT CONTROL
. POINTING CONTROL SYSTEMS
. ANNULAR SUSPENSION AND
POINTING SYSTEM
RT ∞CONTROL

NASA THESAURUS (VOLUME 1)

POINTING CONTROL SYSTEMS-(CONT.)

ENTRY GUIDANCE (STS)
GUIDANCE (MOTION)
SPACE FLIGHT
SPACECRAFT CONTROL

∞POINTS

SN (USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)
RT NONPOINT SOURCES
POINTS (MATHEMATICS)
POSITION (LOCATION)

POINTS (MATHEMATICS)

GS GEOMETRY
. EUCLIDEAN GEOMETRY
. POINTS (MATHEMATICS)
. FIXED POINTS (MATHEMATICS)
. INFLECTION POINTS
RT FOCI
LOCI
NAKED SINGULARITIES
∞POINTS
RECIPROCAL THEOREMS
SINGULARITY (MATHEMATICS)

POISEUILLE FLOW

USE LAMINAR FLOW

∞POISONING

SN (USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)
RT BENZENE POISONING
BERYLLIUM POISONING
CARBON MONOXIDE POISONING
CARBON TETRACHLORIDE POISONING
CURARE
HYDROCARBON POISONING
INTOXICATION
LEAD POISONING
NARCOSIS
POISONING (REACTION INHIBITION)
TOXIC DISEASES
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POISONING (REACTION INHIBITION)

RT CONTROL RODS
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∞POISONING
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POISONING (TOXICOLOGY)

USE TOXIC DISEASES

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GS POISONS
. CARBAMATES (TRADENAME)
. URETHANES
. CURARE
. ENDOTOXINS
. PESTICIDES
. INSECTICIDES
. DIELDRIN
. PHOSGENE
. STRYCHNINE
RT ENVIRONMENT EFFECTS
ENVIRONMENT POLLUTION
ENVIRONMENTAL SURVEYS
NONPOINT SOURCES
POLLUTION
TOXICITY

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UF POISSON PROCESS
GS FUNCTIONS (MATHEMATICS)
. POISSON DENSITY FUNCTIONS
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. POISSON DENSITY FUNCTIONS
RT CONTINUITY (MATHEMATICS)
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EXPONENTIAL FUNCTIONS

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GS ANALYSIS (MATHEMATICS)
. REAL VARIABLES
. DIFFERENTIAL EQUATIONS
. POISSON EQUATION
RT CLASSICAL MECHANICS
ELECTROSTATICS
ISENTROPIC
LAPLACE EQUATION

POISSON EQUATION-(CONT.)

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POISSON PROCESSUSE POISSON DENSITY FUNCTIONS
STOCHASTIC PROCESSES**POISSON RATIO**GS MECHANICAL PROPERTIES
. POISSON RATIO
RATIOSRT . POISSON RATIO
AIRY FUNCTION
COMPRESSIVE STRENGTH
ELASTIC PROPERTIES
FIBER STRENGTH
MODULUS OF ELASTICITY
NU FACTOR
STRESS-STRAIN DIAGRAMS
TENSILE STRENGTH**POILAIRE SATELLITE**

USE D-2 SATELLITES

POLANDRT CENTRAL EUROPE
EUROPE
NATIONS**POLAR AURORAS**

USE AURORAS

POLAR CAP ABSORPTIONGS ENERGY ABSORPTION
. ELECTROMAGNETIC ABSORPTION
. . POLAR CAP ABSORPTION
. THERMAL ABSORPTION
. . POLAR CAP ABSORPTION
RADIATION ABSORPTION
. ELECTROMAGNETIC ABSORPTION
. . POLAR CAP ABSORPTION**POLAR CAPS**RT ANTARCTIC REGIONS
ARCTIC REGIONS
∞ CAPS
EARTH (PLANET)
ICE
MARS (PLANET)**POLAR COORDINATES**GS COORDINATES
. POLAR COORDINATES
ASTRONOMICAL COORDINATES
PLANISPHERES
SMITH CHART
SPHERICAL COORDINATES**POLAR GASES**GS GASES
. MOLECULAR GASES
. . POLAR GASES
RT CARBON DIOXIDE LASERS
GAS COMPOSITION
GAS DISCHARGES
GAS DYNAMICS
GAS LASERS
GAS MASERS
POLARIZATION (CHARGE SEPARATION)**POLAR IONOSPHERE BEACON**

USE BEACON SATELLITES

POLAR METEOROLOGYGS METEOROLOGY
. POLAR METEOROLOGY
RT AEROLOGY
CLIMATOLOGY
HYDROLOGY
ICE REPORTING**POLAR NAVIGATION**GS NAVIGATION
. POLAR NAVIGATION
RT AIR NAVIGATION
CELESTIAL NAVIGATION
DEAD RECKONING
DIGITAL NAVIGATION
INERTIAL NAVIGATION
LORAN**POLAR ORBIT GEOPHYSICAL OBSERVATORY**

USE POGO

POLAR ORBITSGS ORBITS
. SPACECRAFT ORBITS
. . SATELLITE ORBITS
. . . POLAR ORBITS
RT CIRCULAR ORBITS
DISCOVERER 5 SATELLITE
DISCOVERER 6 SATELLITE
EARTH ORBITS
ELLIPTICAL ORBITS
EQUATORIAL ORBITS
LUNAR ORBITS
LUNAR SATELLITES
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TIROS SATELLITES
TWENTY-FOUR HOUR ORBITS**POLAR RADIO BLACKOUT**GS ELECTROMAGNETIC INTERFERENCE
. RADIO FREQUENCY INTERFERENCE
. . BLACKOUT (PROPAGATION)
. . . POLAR RADIO BLACKOUT
RT AURORAL ZONES
IONOSPHERIC PROPAGATION**POLAR REGIONS**UF HIGH LATITUDES
GS REGIONS
. POLAR REGIONS
. . ANTARCTIC REGIONS
. . . MCMURDO SOUND
. . . ROSS ICE SHELF
. . . ARCTIC REGIONS
RT AURORAL ZONES
CLIMATOLOGY
GEOGRAPHY
PERMAFROST
TEMPERATE REGIONS
TIMBERLINE**POLAR SUBSTORMS**GS STORMS
. STORMS (METEOROLOGY)
. . POLAR SUBSTORMS**POLAR WANDERING (GEOLOGY)**UF CHANDLER MOTION
RT EARTH AXIS
∞ EARTH MOTION
GEODESY
NUTATION
PERIODIC VARIATIONS
PRECESSION**POLARIMETERS**UF SPECTROPOLARIMETERS
GS MEASURING INSTRUMENTS
. OPTICAL MEASURING INSTRUMENTS
. . POLARIMETERS
OPTICAL EQUIPMENT
. OPTICAL MEASURING INSTRUMENTS
. . POLARIMETERS
RT CHEMICAL ANALYSIS
ELLIPSOMETERS
OPTICAL MEASUREMENT
PHOTOMETERS
POLARIMETRY
POLARISCOPES
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POLAROGRAPHY
SOLAR MAXIMUM MISSION**POLARIMETRY**GS OPTICAL MEASUREMENT
. POLARIMETRY
RT OPTICAL ACTIVITY
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. BALLISTIC MISSILES
. . INTERMEDIATE RANGE BALLISTIC
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. . . POLARIS MISSILES
. . . . POLARIS A1 MISSILE
. . . SURFACE TO SURFACE MISSILES
. . . FLEET BALLISTIC MISSILES
. . . . POLARIS A1 MISSILE
. . . INTERMEDIATE RANGE BALLISTIC
MISSILES
. . . . POLARIS MISSILES
. POLARIS A1 MISSILE**POLARIS A2 MISSILE**GS MISSILES
. BALLISTIC MISSILES
. . INTERMEDIATE RANGE BALLISTIC
MISSILES
. . . POLARIS MISSILES
. . . . POLARIS A2 MISSILE
. . . SURFACE TO SURFACE MISSILES
. . . FLEET BALLISTIC MISSILES
. . . . POLARIS A2 MISSILE
. . . INTERMEDIATE RANGE BALLISTIC
MISSILES
. . . . POLARIS MISSILES
. POLARIS A2 MISSILE**POLARIS A2A MISSILE**GS MISSILES
. BALLISTIC MISSILES
. . INTERMEDIATE RANGE BALLISTIC
MISSILES
. . . POLARIS MISSILES
. . . . POLARIS A2A MISSILE
. . . SURFACE TO SURFACE MISSILES
. . . FLEET BALLISTIC MISSILES
. . . . POLARIS A2A MISSILE
. . . INTERMEDIATE RANGE BALLISTIC
MISSILES
. . . . POLARIS MISSILES
. POLARIS A2A MISSILE**POLARIS A3 MISSILE**GS MISSILES
. BALLISTIC MISSILES
. . INTERMEDIATE RANGE BALLISTIC
MISSILES
. . . POLARIS MISSILES
. . . . POLARIS A3 MISSILE
. . . SURFACE TO SURFACE MISSILES
. . . FLEET BALLISTIC MISSILES
. . . . POLARIS A3 MISSILE
. . . INTERMEDIATE RANGE BALLISTIC
MISSILES
. . . . POLARIS MISSILES
. POLARIS A3 MISSILE**POLARIS MISSILES**GS MISSILES
. BALLISTIC MISSILES
. . INTERMEDIATE RANGE BALLISTIC
MISSILES
. . . POLARIS MISSILES
. . . . POLARIS A1 MISSILE
. . . . POLARIS A2 MISSILE
. . . . POLARIS A2A MISSILE
. . . . POLARIS A3 MISSILE
. . . SURFACE TO SURFACE MISSILES
. . . INTERMEDIATE RANGE BALLISTIC
MISSILES
. . . . POLARIS MISSILES
. POLARIS A1 MISSILE
. POLARIS A2 MISSILE
. POLARIS A2A MISSILE
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RT MULTISTAGE ROCKET VEHICLES
SOLID PROPELLANT ROCKET ENGINES
XM-33 ENGINE**POLARIS SUBMARINES**

USE GUIDED MISSILE SUBMARINES

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. POLARISCOPES
. . SENARMONT POLARISCOPES
OPTICAL EQUIPMENT
. POLARISCOPES
. . SENARMONT POLARISCOPES
RT OPTICAL MEASURING INSTRUMENTS
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POLARIZATION (WAVES)
POLARIZERS**POLARITY**RT ∞ DIPOLES
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ELECTRIC FIELDS
MAGNETIC FIELDS
MAGNETIC POLES
POLARIZATION (CHARGE SEPARATION)
POLARIZATION (SPIN ALIGNMENT)
QUADRUPOLES

POLARIZATION

∞ POLARIZATION

- SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)*
- RT ANTIFERROELECTRICITY
BIPOLARITY
LINEAR POLARIZATION
MAGNETIZATION
OVERHAUSER EFFECT
PHOTOELASTIC ANALYSIS
POLARIZATION (CHARGE SEPARATION)
POLARIZATION (SPIN ALIGNMENT)
POLARIZATION (WAVES)
POLARIZED RADIATION

POLARIZATION (CHARGE SEPARATION)

- UF CHARGE SEPARATION
- GS **POLARIZATION (CHARGE SEPARATION)**
· DIELECTRIC POLARIZATION
· ELECTROLYTIC POLARIZATION
- RT CHARGE DISTRIBUTION
CHARGE TRANSFER
DEACTIVATION
DEPOLARIZATION
ELECTRETS
ELECTRIC CHARGE
ELECTRIC MOMENTS
ELECTRODE FILM BARRIERS
ELECTROMIGRATION
HALL EFFECT
IONOSPHERIC DRIFT
MAGNETIZATION
OVERVOLTAGE
POLAR GASES
POLARITY
∞ POLARIZATION
PYROELECTRICITY
∞ SEPARATION
TAFEL LAW

POLARIZATION (SPIN ALIGNMENT)

- RT ALIGNMENT
ANISOTROPY
DEACTIVATION
MAGNETIC PROPERTIES
MAGNETIZATION
∞ ORIENTATION
POLARITY
∞ POLARIZATION
ROTATION
SPIN TESTS

POLARIZATION (WAVES)

- UF POLARIZATION CHARTS
- GS **POLARIZATION (WAVES)**
· CIRCULAR POLARIZATION
· CROSS POLARIZATION
· ELLIPTICAL POLARIZATION
· LINEAR POLARIZATION
- RT ANISOTROPIC MEDIA
ANISOTROPY
BIREFRINGENCE
BL LACERTAE OBJECTS
COLLIMATION
FARADAY EFFECT
KERR ELECTROOPTICAL EFFECT
KERR MAGNETOOPTICAL EFFECT
MAGNETO-OPTICS
MONOCHROMATIZATION
OPTICAL COUPLING
OPTICAL PROPERTIES
∞ ORIENTATION
PHOTOELASTIC ANALYSIS
POLARIMETRY
POLARISCOPES
∞ POLARIZATION
POLARIZED ELECTROMAGNETIC RADIATION
POLARIZERS
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POLARIZATION CHARACTERISTICS

- GS MAGNETIC PROPERTIES
· **POLARIZATION CHARACTERISTICS**
- RT BREWSTER ANGLE
POLARIZED RADIATION

POLARIZATION CHARTS

- USE GRAPHS (CHARTS)
POLARIZATION (WAVES)

POLARIZED ELASTIC WAVES

- GS ELASTIC WAVES

POLARIZED ELASTIC WAVES-(CONT.)

- **POLARIZED ELASTIC WAVES**
POLARIZED RADIATION
· **POLARIZED ELASTIC WAVES**
- RT S WAVES
SEISMIC WAVES
SOUND WAVES

POLARIZED ELECTROMAGNETIC RADIATION

- GS ELECTROMAGNETIC RADIATION
· **POLARIZED ELECTROMAGNETIC RADIATION**
· POLARIZED LIGHT
· SYNCHROTRON RADIATION
POLARIZED RADIATION
· **POLARIZED ELECTROMAGNETIC RADIATION**
· POLARIZED LIGHT
· SYNCHROTRON RADIATION
- RT CROSS POLARIZATION
EXTRATERRESTRIAL RADIATION
FARADAY EFFECT
INFRARED RADIATION
KERR CELLS
LIGHT (VISIBLE RADIATION)
LINEAR POLARIZATION
LYMAN ALPHA RADIATION
LYMAN BETA RADIATION
MAGNETO-OPTICS
MONOCHROMATIC RADIATION
POLARIZATION (WAVES)
POLARIZERS
RADIATIVE TRANSFER
RADIO WAVES
STELLAR RADIATION
ULTRAVIOLET RADIATION

POLARIZED LIGHT

- GS ELECTROMAGNETIC RADIATION
· LIGHT (VISIBLE RADIATION)
· **POLARIZED LIGHT**
· POLARIZED ELECTROMAGNETIC RADIATION
· **POLARIZED LIGHT**
POLARIZED RADIATION
· POLARIZED ELECTROMAGNETIC RADIATION
· **POLARIZED LIGHT**
- RT GEGENSCHIEIN
KERR MAGNETOOPTICAL EFFECT
MONOCHROMATIC RADIATION
OPTICAL ACTIVITY
OPTICAL DEPOLARIZATION --
OPTICAL POLARIZATION
PHOTOELASTICITY
ZODIACAL LIGHT

POLARIZED RADIATION

- GS **POLARIZED RADIATION**
· POLARIZED ELASTIC WAVES
· POLARIZED ELECTROMAGNETIC RADIATION
· **POLARIZED LIGHT**
· SYNCHROTRON RADIATION
- RT CAUSTICS (OPTICS)
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ELECTROMAGNETIC RADIATION
EXTRATERRESTRIAL RADIATION
LINEAR POLARIZATION
PLASMA RADIATION
∞ POLARIZATION
POLARIZATION CHARACTERISTICS
∞ RADIATION
∞ RAYS

POLARIZERS

- RT KERR CELLS
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OPTICAL POLARIZATION
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- USE POLAROGRAPHY

POLAROGRAPHY

- UF POLAROGRAPHS
- GS ELECTRICAL MEASUREMENT
· **POLAROGRAPHY**
- RT CHEMICAL ANALYSIS
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- GS ELEMENTARY EXCITATIONS
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- RT CONDUCTION BANDS
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IONIC CRYSTALS
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∞ POLES

- SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)*
- RT ∞ DIPOLES
MAGNETIC DIPOLES
MAGNETIC POLES
MONOPOLES
POLES (SUPPORTS)
REGGE POLES

POLES (SUPPORTS)

- RT ELECTRIC POWER TRANSMISSION
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- GS PERSONNEL
· **POLICE**
- RT COMMUNITIES
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SECURITY
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POLICIES

- GS **POLICIES**
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· PATENT POLICY
· PROCUREMENT POLICY
- RT COPYRIGHTS
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LICENSING
PROHIBITION
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- GS DISEASES
· INFECTIOUS DISEASES
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- USE TS-11 AIRCRAFT

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- USE METAL POLISHING

POLISHING

- GS **POLISHING**
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· ELECTROPOLISHING
· VIBRATORY POLISHING
- RT ABRASION
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FINISHES
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- RT AIR LAW
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INTERNATIONAL COOPERATION
INTERNATIONAL LAW
LAW (JURISPRUDENCE)
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REGIMES
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SOVEREIGNTY
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- GS PARTICLES
· **POLLEN**

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DUST
PLANTS (BOTANY)
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USE CONTAMINANTS

POLLUTION

GS **POLLUTION**
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. . . GLOBAL AIR POLLUTION
. WATER POLLUTION
. . . OIL POLLUTION
. NOISE POLLUTION
. THERMAL POLLUTION
RT CLEAN FUELS
CONTAMINANTS
CONTAMINATION
DEBRIS
DECONTAMINATION
DISSIPATION
ELIMINATION
ENDANGERED SPECIES
ENERGY POLICY
ENVIRONMENT EFFECTS
ENVIRONMENT PROTECTION
ENVIRONMENTAL QUALITY
ENVIRONMENTAL SURVEYS
HUMAN WASTES
METABOLIC WASTES
MICROCYSTIS
MICROORGANISMS
NONPOINT SOURCES
OIL SLICKS
POISONS
PREVENTION
PUBLIC HEALTH
PURITY
QUALITY
RADIOACTIVE WASTES
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WASTE DISPOSAL
WASTES
WATER
WATER RECLAMATION
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POLLUTION CONTROL

RT AIR QUALITY
BIOCHEMICAL OXYGEN DEMAND
DEWATERING
ENVIRONMENTAL SURVEYS
FLUE GASES
FLY ASH

POLLUTION MONITORING

RT AIR POLLUTION
AIR QUALITY
ENVIRONMENT POLLUTION
GLOBAL AIR POLLUTION
GROUND STATIONS
MONITORS
WARNING SYSTEMS
WATER POLLUTION

POLLUTION TRANSPORT

RT AEROSOLS
AIR POLLUTION
ATMOSPHERIC CIRCULATION
ATMOSPHERIC DIFFUSION
COMBUSTION PRODUCTS
DISPERSING
ENVIRONMENT POLLUTION
EXHAUST EMISSION
EXHAUST GASES
GAS TRANSPORT
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GLOBAL AIR POLLUTION
PLUMES
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GS CELESTIAL BODIES
. STARS

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. . . **POLLUX STAR**
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RT MAGNETIC FIELD CONFIGURATIONS
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. POLONIUM 208
. POLONIUM 209
. POLONIUM 210
RT METALS

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RT ∞ GROUP 6A COMPOUNDS

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. METALLOIDS
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. POLONIUM 210
. NUCLIDES
. . . ISOTOPES
. . . . **POLONIUM ISOTOPES**
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. POLONIUM 210
RT METALS

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. **POLONIUM 208**
. NUCLIDES
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. POLONIUM ISOTOPES
. **POLONIUM 208**
. RADIOACTIVE ISOTOPES
. **POLONIUM 208**
RT METALS

POLONIUM 209

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. **POLONIUM 209**
. NUCLIDES
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. POLONIUM ISOTOPES
. **POLONIUM 209**
. RADIOACTIVE ISOTOPES
. **POLONIUM 209**
RT METALS

POLONIUM 210

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. **POLONIUM 210**
. NUCLIDES
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. POLONIUM ISOTOPES
. **POLONIUM 210**
. RADIOACTIVE ISOTOPES
. **POLONIUM 210**
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RT SEMICONDUCTORS (MATERIALS)

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USE ACRYLIC RESINS

POLYAMIDE RESINS

UF NYLON RESINS
GS PLASTICS
. SYNTHETIC RESINS
. . . THERMOSETTING RESINS
. . . FURAN RESINS
. . . . **POLYAMIDE RESINS**
. KEVLAR (TRADEMARK)
RESINS

POLYETHER RESINS

POLYAMIDE RESINS-(CONT.)

. SYNTHETIC RESINS
. . THERMOSETTING RESINS
. . . FURAN RESINS
. . . . **POLYAMIDE RESINS**
. KEVLAR (TRADEMARK)

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GS GASES
. MOLECULAR GASES
. . **POLYATOMIC GASES**
. . . DIATOMIC GASES

POLYATOMIC MOLECULES

GS MOLECULES
. **POLYATOMIC MOLECULES**
. . TRIATOMIC MOLECULES
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∞ CHEMICAL BONDS
CHEMICAL COMPOUNDS
IONS
MOLECULAR STRUCTURE
MOLECULAR WEIGHT
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RT SYNTHETIC FIBERS

POLYBUTADIENE

GS PLASTICS
. **POLYBUTADIENE**
RT ADDITION RESINS
BUTADIENE
HTPB PROPELLANTS
SYNTHETIC RUBBERS

POLYBUTADIENE TETRANITRAMINE

GS NITROGEN COMPOUNDS
. NITRO COMPOUNDS
. . **POLYBUTADIENE TETRANITRAMINE**
RT PLASTIC PROPELLANTS

POLYCARBONATES

GS CARBON COMPOUNDS
. CARBONATES
. . **POLYCARBONATES**
. . . LEXAN (TRADEMARK)
ESTERS
. **POLYCARBONATES**
. . LEXAN (TRADEMARK)
RT ∞ POLYMERS

POLYCHLORINATED BIPHENYLS

UF PCB
GS PHENYLS
. **POLYCHLORINATED BIPHENYLS**

POLYCRYSTALS

GS CRYSTALS
. **POLYCRYSTALS**
RT BICRYSTALS
CRYSTAL STRUCTURE
SINGLE CRYSTALS

POLYCYTHEMIA

RT HEMOGLOBIN
HEMOLYSIS
HEMORRHAGES
SPLEEN

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. SYNTHETIC RESINS
. . **POLYESTER RESINS**
RESINS
. SYNTHETIC RESINS
. . **POLYESTER RESINS**
RT DACRON (TRADEMARK)
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POLYESTERS

GS ESTERS
. **POLYESTERS**
RT ∞ POLYMERS
SYNTHETIC FIBERS

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. . **POLYETHER RESINS**
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. . . SYNTHETIC RESINS
. . . **POLYETHER RESINS**

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POLYETHER RESINS-(CONT.)

- ... POLYMETHYL METHACRYLATE
- RT VULCANIZED ELASTOMERS

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- GS ESTERS
 - . POLYETHYLENE TEREPHTHALATE
- PLASTICS
 - . POLYETHYLENES
 - . POLYETHYLENE TEREPHTHALATE
- RT ADDITION RESINS
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- ∞ POLYMERS

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- GS PLASTICS
 - . POLYETHYLENES
 - . POLYETHYLENE TEREPHTHALATE
- RT ADDITION RESINS
 - ETHYLENE
 - SYNTHETIC RESINS
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- RT CRYSTAL DEFECTS
- CRYSTAL GROWTH
- RECRYSTALLIZATION

POLYGONS

- GS GEOMETRY
 - . EUCLIDEAN GEOMETRY
 - . POLYGONS
 - . . . HEXAGONS
 - . . . TETRAGONS
 - . . . PARALLELOGRAMS
 - . . . RHOMBOIDS
 - . . . RECTANGLES
 - . . . SQUARES (MATHEMATICS)
 - . . . TRAPEZOIDS
 - . . . TRIANGLES
- RT POLYTOPES

POLYHEDRONS

- GS GEOMETRY
 - . EUCLIDEAN GEOMETRY
 - . POLYHEDRONS
 - . . . CUBES (MATHEMATICS)
 - . . . ICOSAEDRONS
 - . . . OCTAHEDRONS
 - . . . PARALLELEPIPEDS
 - . . . PYRAMIDS
 - . . . RHOMBOHEDRONS
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- RT POLYTOPES

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- GS RESINS
 - . POLYIMIDE RESINS
- RT POLYIMIDES
 - RESIN MATRIX COMPOSITES

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- GS NITROGEN COMPOUNDS
 - . AMIDES
 - . POLYIMIDES
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POLYISOBUTYLENE

- GS PLASTICS
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- RT ADDITION RESINS
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POLYISOPRENES

- RT ∞ POLYMERS
 - RUBBER
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- RT ∞ CHEMISTRY
 - PHOSPHAZENE
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- GS COMPOSITE MATERIALS
 - . POLYMER MATRIX COMPOSITES
- RT BORON FIBERS
 - ∞ CONSTRUCTION MATERIALS
 - FIBER COMPOSITES
 - LAMINATES
 - ∞ MATERIALS
 - ∞ MATRICES
 - ∞ POLYMERS

POLYMER MATRIX COMPOSITES-(CONT.)

- PULTRUSION
- REINFORCED PLASTICS
- RESIN MATRIX COMPOSITES

POLYMER PHYSICS

- RT ∞ PHYSICS
 - POLYMER CHEMISTRY
 - POLYWATER

POLYMERIC FILMS

- UF PLASTIC FILMS
- GS POLYMERIC FILMS
 - . KAPTON (TRADEMARK)
 - . MYLAR (TRADEMARK)
- RT CASTING
 - FIBERS
- ∞ FILMS
 - NYLON (TRADEMARK)
 - PHOTOGRAPHIC FILM
 - PLASTIC COATINGS
- ∞ SHEETS

POLYMERIZATION

- GS POLYMERIZATION
 - . COPOLYMERIZATION
 - . DIMERIZATION
 - . VINYL COPOLYMERS
- RT CHEMICAL REACTIONS
 - COUPLED MODES
 - DEPOLYMERIZATION
 - QUINOXALINES
 - REFINING
- ∞ SETTING
 - ZIEGLER CATALYST

∞ POLYMERS

- SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)*
- RT CELLOPHANE
 - COORDINATION POLYMERS
 - COPOLYMERIZATION
 - COPOLYMERS
 - ELASTOMERS
 - FLUOROPOLYMERS
 - FORMICA
 - HIGH POLYMERS
 - KAPTON (TRADEMARK)
 - KEL-F
 - LEXAN (TRADEMARK)
 - LIGNIN
 - METALLOSILOXANE POLYMER
 - METALLOXANE POLYMER
 - METHYL POLYSILOXANE
 - MICARTA
 - MONOMERS
 - MYLAR (TRADEMARK)
 - NITROGEN POLYMERS
 - NYLON (TRADEMARK)
 - ORGANIC MATERIALS
 - ORGANOMETALLIC POLYMERS
 - PHOSPHORUS POLYMERS
 - PLASTICS
 - POLYCARBONATES
 - POLYESTERS
 - POLYETHYLENE TEREPHTHALATE
 - POLYISOPRENES
 - POLYMER MATRIX COMPOSITES
 - POLYQUINOXALINES
 - POLYTETRAFLUOROETHYLENE
 - POLYURETHANE FOAM
 - POLYVINYL FLUORIDE
 - PREPOLYMERS
 - PYRRONES (TRADEMARK)
 - SILICON POLYMERS
 - SILICONES
 - SILOXANES
 - SOLITHANES
 - STYROFOAM (TRADEMARK)
 - SYNTHETIC RESINS
 - TEFLON (TRADEMARK)
 - VINYL COPOLYMERS
 - VINYL POLYMERS

POLYMETHYL METHACRYLATE

- UF LUCITE (TRADEMARK)
- GS PLEXIGLASS (TRADEMARK)
 - PLASTICS
 - . SYNTHETIC RESINS
 - . . . POLYETHER RESINS
 - . . . POLYMETHYL METHACRYLATE
 - RESINS
 - . SYNTHETIC RESINS
 - . . . POLYETHER RESINS

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POLYMETHYL METHACRYLATE-(CONT.)

- ... POLYMETHYL METHACRYLATE

POLYMORPHISM

- GS MORPHOLOGY
 - . POLYMORPHISM
- RT ALLOTROPY
 - CRYSTAL LATTICES
 - CRYSTAL STRUCTURE
- ∞ PHYSICAL PROPERTIES

POLYNOMIALS

- GS ALGEBRA
 - . POLYNOMIALS
 - . . . BINOMIALS
 - . . . DYADICS
 - . . . HERMITIAN POLYNOMIAL
- RT COEFFICIENTS
 - CUBIC EQUATIONS
 - EIGENVALUES
 - EIGENVECTORS
- ∞ EQUATIONS
 - LINEAR EQUATIONS
 - NONLINEAR EQUATIONS
 - QUADRATIC EQUATIONS
 - ROOTS OF EQUATIONS

POLYNUCLEAR ORGANIC COMPOUNDS

- GS ORGANIC COMPOUNDS
 - . POLYNUCLEAR ORGANIC COMPOUNDS
- RT AIR POLLUTION
 - PETROLEUM PRODUCTS
 - PURIFICATION

POLYNUCLEOTIDES

- GS ORGANIC COMPOUNDS
 - . NUCLEOTIDES
 - . . . POLYNUCLEOTIDES
 - PHOSPHORUS COMPOUNDS
 - . PHOSPHATES
 - . . . NUCLEOTIDES
 - . . . POLYNUCLEOTIDES
- PROTEINS
 - . NUCLEOTIDES
 - . . . POLYNUCLEOTIDES
- RT RIBONUCLEIC ACIDS

POLYOT SATELLITES

- GS SATELLITES
 - . ARTIFICIAL SATELLITES
 - . . . POLYOT SATELLITES
 - . EARTH SATELLITES
 - . . . POLYOT SATELLITES
 - UNMANNED SPACECRAFT
 - . POLYOT SATELLITES

POLYPEPTIDES

- GS ORGANIC COMPOUNDS
 - . AMINO ACIDS
 - . . . PEPTIDES
 - . . . HYPERTENSIN
 - . . . POLYPEPTIDES
- PROTEINS
 - . PEPTIDES
 - . . . HYPERTENSIN
 - . . . POLYPEPTIDES

POLYPHENYL ETHER

- GS ETHERS
 - . POLYPHENYL ETHER

POLYPHENYLS

- GS PHENYLS
 - . POLYPHENYLS
 - . . . TETRAPHENYLS

POLYPROPYLENE

- GS PLASTICS
 - . POLYPROPYLENE
- RT ADDITION RESINS
 - SYNTHETIC RESINS

POLYQUINOXALINES

- RT ∞ CHEMICAL COMPOUNDS
 - ∞ POLYMERS

POLYSACCHARIDES

- GS ALIPHATIC COMPOUNDS
 - . POLYSACCHARIDES
 - . . . CELLULOSE
 - . . . FORTISAN (TRADEMARK)
 - . . . CHITIN
 - . . . DEXTRANS
 - . . . GLYCOGENS

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POROUS MATERIALS

POLYSACCHARIDES-(CONT.)

. STARCHES
CARBOHYDRATES
. **POLYSACCHARIDES**
. CELLULOSE
. . . FORTISAN (TRADEMARK)
. CHITIN
. . . DEXTRANS
. . . GLYCOGENS
. . . STARCHES
RT GUMS (SUBSTANCES)

POLYSLIPS

RT ∞ SLIP

POLYSTATION DOPPLER TRACKING SYSTEM

GS STATIONS
. GROUND STATIONS
. . **POLYSTATION DOPPLER TRACKING SYSTEM**
. TRACKING STATIONS
. . **POLYSTATION DOPPLER TRACKING SYSTEM**
TRACKING (POSITION)
. **POLYSTATION DOPPLER TRACKING SYSTEM**
TRACKING NETWORKS
. **POLYSTATION DOPPLER TRACKING SYSTEM**
RT DOPPLER RADAR
MISSILE TRACKING
PULSE RADAR
RADAR NETWORKS
SPACE DETECTION AND TRACKING SYSTEM
SPACECRAFT TRACKING
∞ SYSTEMS

POLYSTYRENE

GS PLASTICS
. **POLYSTYRENE**
STYRENES
. **POLYSTYRENE**
. . . STYROFOAM (TRADEMARK)
RT ADDITION RESINS
SANTOWAX (TRADEMARK)
SYNTHETIC RESINS
THERMOPLASTIC RESINS

POLYSULFIDES

GS CHALCOGENIDES
. SULFIDES
. . . INORGANIC SULFIDES
. . . **POLYSULFIDES**
SULFUR COMPOUNDS
. SULFIDES
. . . INORGANIC SULFIDES
. . . **POLYSULFIDES**
RT COMPOSITE PROPELLANTS

POLYTETRAFLUOROETHYLENE

GS HALOGEN COMPOUNDS
. FLUORINE COMPOUNDS
. . FLUORO COMPOUNDS
. . . DIFLUORO COMPOUNDS
. . . **POLYTETRAFLUOROETHYLENE**
PLASTICS
. **POLYTETRAFLUOROETHYLENE**
RT ∞ POLYMERS
SYNTHETIC RESINS
TEFLON (TRADEMARK)

POLYTOPES

RT ANALYTIC GEOMETRY
EUCLIDEAN GEOMETRY
HYPERPLANES
POLYGONS
POLYHEDRONS

POLYTROPIC PROCESSES

RT ADIABATIC CONDITIONS
∞ ISOBARS
THERMODYNAMICS

POLYURETHANE FOAM

RT FOAMS
LOW DENSITY MATERIALS
∞ POLYMERS
SOILS
SPONGES (MATERIALS)

POLYURETHANE RESINS

GS RESINS
. **POLYURETHANE RESINS**

POLYURETHANE RESINS-(CONT.)

RT COMPOSITE PROPELLANTS

POLYVINYL ALCOHOL

GS HYDROXYL COMPOUNDS
. ALCOHOLS
. . **POLYVINYL ALCOHOL**
PLASTICS
. **POLYVINYL ALCOHOL**
RT ADDITION RESINS
SYNTHETIC RESINS
VINYL POLYMERS

POLYVINYL CHLORIDE

UF GEON (TRADEMARK)
GS PLASTICS
. **POLYVINYL CHLORIDE**
RT ADDITION RESINS
CHLORIDES
SYNTHETIC RESINS
TETRAHYDROFURAN
VINYL POLYMERS

POLYVINYL FLUORIDE

GS PLASTICS
. **POLYVINYL FLUORIDE**
VINYL POLYMERS
. **POLYVINYL FLUORIDE**
RT ∞ POLYMERS

POLYWATER

GS WATER
. **POLYWATER**
RT ATOMIC STRUCTURE
CHEMICAL BONDS
MOLECULAR STRUCTURE
POLYMER CHEMISTRY
POLYMER PHYSICS

POMERANCHUK THEOREM

GS THEOREMS
. **POMERANCHUK THEOREM**
RT ANTIPARTICLES
DEUTERONS
DIFFRACTION PATTERNS
EIKONAL EQUATION
ELASTIC SCATTERING
ELECTRONS
ELEMENTARY PARTICLES
FIELD THEORY (PHYSICS)
FREDHOLM EQUATIONS
GLAUBER THEORY
HIGH ENERGY INTERACTIONS
K-MESONS
MESONS
NUCLEON-NUCLEON SCATTERING
POMERONS
REGGE POLES
SCATTERING CROSS SECTIONS

POMERONS

RT NUCLEAR REACTIONS
POMERANCHUK THEOREM
PROTON-PROTON REACTIONS
REGGE POLES
SCATTERING CROSS SECTIONS

PONDEROMOTIVE FORCES

GS ELECTROMOTIVE FORCES
. **PONDEROMOTIVE FORCES**
RT ELECTRODYNAMICS
∞ FORCE
LORENTZ FORCE
RELATIVISTIC PLASMAS
RELATIVITY

PONDS

RT AQUIFERS
BASINS (CONTAINERS)
GREAT SALT LAKE (UT)
IRRIGATION
LAGOONS
LAKES
LIMNOLOGY
LIQUID WASTES
RESERVOIRS
SOLAR PONDS (HEAT STORAGE)
SURFACE WATER
WASTE DISPOSAL
WATER RESOURCES
WATERSHEDS
WINDPOWERED PUMPS

PONTIAC (MI)

GS CITIES
. **PONTIAC (MI)**
RT MICHIGAN

PONTRYAGIN PRINCIPLE

RT CALCULUS OF VARIATIONS
MAXIMUM PRINCIPLE
OPTIMIZATION
REACTION TIME

POPULATION INVERSION

GS INVERSIONS
. **POPULATION INVERSION**
RT ELECTRON PUMPING
ENERGY LEVELS
MOLECULAR RELAXATION
NITROGEN LASERS
NUCLEAR PUMPING
POPULATIONS
STIMULATED EMISSION

POPULATION THEORY

RT POPULATIONS
PROBABILITY THEORY
∞ THEORIES

POPULATIONS

RT BIOMASS
DISCRIMINANT ANALYSIS (STATISTICS)
POPULATION INVERSION
POPULATION THEORY
∞ STATISTICS

PORCELAIN

GS CERAMICS
. **PORCELAIN**
REFRACTORY MATERIALS
. **PORCELAIN**
RT CERAMIC COATINGS
ENAMELS
GLASS
GLAZES
SILICON DIOXIDE
VITREOUS MATERIALS
VITRIFICATION

PORES

USE POROSITY

POROSITY

UF PORES
GS **POROSITY**
. MICROPOROSITY
RT AQUIFERS
BUOYANCY
COMPRESSIBILITY
DEFECTS
∞ DENSITY
DENSITY (MASS/VOLUME)
FORMATIONS
GAS INJECTION
HOLE DISTRIBUTION (MECHANICS)
HYGRAL PROPERTIES
IMPREGNATING
INFILTRATION
INTERSTICES
LEAKAGE
MOISTURE RESISTANCE
PERMEABILITY
PERMEATING
PINHOLES
POROUS BOUNDARY LAYER CONTROL
POROUS MATERIALS
POROUS PLATES
∞ PROPERTIES
SINTERING
TEXTURES
VOID RATIO
VOIDS
WETTABILITY

POROUS BOUNDARY LAYER CONTROL

GS BOUNDARY LAYER CONTROL
. **POROUS BOUNDARY LAYER CONTROL**
RT CONVECTIVE FLOW
EKMAN LAYER
FREE CONVECTION
MASS TRANSFER
POROSITY

POROUS MATERIALS

RT BRITTLE MATERIALS
∞ CELLS

POROUS PLATES

POROUS MATERIALS-(CONT.)

HONEYCOMB STRUCTURES
INTERSTICES
LOW DENSITY MATERIALS
∞ MATERIALS
METAL POWDER
POROSITY
POWDER METALLURGY
SANDS
SOILS
SPONGES (MATERIALS)

POROUS PLATES

GS STRUCTURAL MEMBERS
. PLATES (STRUCTURAL MEMBERS)
. **POROUS PLATES**
RT LOW DENSITY MATERIALS
POROSITY

POROUS WALLS

GS WALLS
. **POROUS WALLS**
RT ∞ DIFFUSERS

PORPHINES

GS ORGANOMETALLIC COMPOUNDS
. **PORPHINES**
RT CHLOROPHYLLS
HEMOGLOBIN

PORPHYRA

GS ALGAE
. **PORPHYRA**

PORPHYRINS

GS **PORPHYRINS**
. CHLOROPHYLLS
RT HEMOGLOBIN

PORPOISES

GS ANIMALS
. VERTEBRATES
. MAMMALS
. **PORPOISES**
RT MARINE MAMMALS

PORTABLE EQUIPMENT

RT ∞ EQUIPMENT
LIXISCOPES
LOGISTICS
MOBILITY
STOWAGE (ONBOARD EQUIPMENT)

PORTABLE LIFE SUPPORT SYSTEMS

UF PLSS
GS SUPPORT SYSTEMS
. LIFE SUPPORT SYSTEMS
. **PORTABLE LIFE SUPPORT SYSTEMS**
. AEPS
RT ARGON-OXYGEN ATMOSPHERES
BIOPAKS
BREATHING APPARATUS
EMERGENCY LIFE SUSTAINING
SYSTEMS
HELIUM-OXYGEN ATMOSPHERES
OXYGEN MASKS
PRESSURE SUITS

∞ PORTS

SN *(USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)*
RT AIRPORTS
DRYDOCKS
HARBORS
PORTS (OPENINGS)
SHIPYARDS
WHARVES

PORTS (OPENINGS)

GS OPENINGS
. **PORTS (OPENINGS)**
RT APERTURES
CAVITIES
DUCTS
EXHAUST SYSTEMS
ORIFICES
OUTLETS
∞ PORTS
VENTS
∞ WINDOWS
WINDOWS (APERTURES)

PORTUGAL

RT EUROPE
NATIONS

POSEIDON MISSILES

GS MISSILES
. BALLISTIC MISSILES
. **POSEIDON MISSILES**
. SURFACE TO SURFACE MISSILES
. FLEET BALLISTIC MISSILES
. **POSEIDON MISSILES**
RT BALLISTIC MISSILE SUBMARINES
GUIDED MISSILE SUBMARINES
SEA LAUNCHING

∞ POSITION

SN *(USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)*
RT ATTITUDE (INCLINATION)
POSITION (LOCATION)
POSITION (TITLE)

POSITION (LOCATION)

UF LOCALIZATION
LOCATION
GS **POSITION (LOCATION)**
. SOLAR POSITION
RT ALTITUDE
ASTROLABES
AZIMUTH
BEARING (DIRECTION)
COLLATING
COLLOCATION
COORDINATES
DETECTION
DISTANCE
EPHEMERIDES
EXPOSURE
∞ FIXING
GEOMETRY
LATITUDE
LONGITUDE
MISALIGNMENT
NAVIGATION
ORBITAL POSITION ESTIMATION
∞ ORIENTATION
∞ POINTS
POSITION ERRORS
POSITIONING
RADAR BEACONS
SITES
SOUND RANGING
SPATIAL DISTRIBUTION
SPHERICAL COORDINATES
STATIONS
SURVEYS
TRACKING (POSITION)

POSITION (TITLE)

RT EMPLOYEE RELATIONS
EVALUATION
∞ GRADE
PERSONNEL
∞ POSITION
RATINGS

POSITION ERRORS

GS ERRORS
. **POSITION ERRORS**
RT ASTROLABES
ERROR SIGNALS
NAVIGATION
OPTICAL CORRECTION PROCEDURE
ORBITAL POSITION ESTIMATION
POSITIONING
VELOCITY ERRORS

POSITION INDICATORS

GS AIRCRAFT INSTRUMENTS
. **POSITION INDICATORS**
. PLAN POSITION INDICATORS
. RADIO DIRECTION FINDERS
. SPACECRAFT POSITION INDICATORS
DISPLAY DEVICES
. **POSITION INDICATORS**
. PLAN POSITION INDICATORS
. RADIO DIRECTION FINDERS
. SPACECRAFT POSITION INDICATORS
MEASURING INSTRUMENTS
. INDICATING INSTRUMENTS
. **POSITION INDICATORS**
. ASTROLABES
. PLAN POSITION INDICATORS
. RADIO DIRECTION FINDERS

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POSITION INDICATORS-(CONT.)

. . . SPACECRAFT POSITION
INDICATORS
RT ALTIMETERS
BEACONS
DISTANCE MEASURING EQUIPMENT
FLIGHT INSTRUMENTS
GLOBAL POSITIONING SYSTEM
HEAD-UP DISPLAYS
NAVIGATION AIDS
NAVIGATION INSTRUMENTS
PLOTTERS
RANGE FINDERS
ROCKET-BORNE INSTRUMENTS
SEXTANTS
SOLAR COMPASSES
SOUND LOCALIZATION

POSITIONING

RT ADJUSTING
ALIGNMENT
AMBIGUITY
AUTOMATIC GIMBAL ANTENNA VECTOR
EQUIPMENT
COLLATING
COLLOCATION
DISPLACEMENT
DISTRIBUTING
∞ DISTRIBUTION
EXPOSURE
FITTING
∞ FIXING
INSTRUMENT ORIENTATION
∞ JOINING
LATITUDE MEASUREMENT
LONGITUDE MEASUREMENT
LOOK ANGLES (ELECTRONICS)
NAVIGATION
∞ ORIENTATION
PLY ORIENTATION
POSITION (LOCATION)
POSITION ERRORS
RADIO NAVIGATION
RELOCATION
∞ SETTING
SPACING
STATIONKEEPING

POSITIONING DEVICES (MACHINERY)

GS **POSITIONING DEVICES (MACHINERY)**
. BOOMS (EQUIPMENT)
. CAMS
. JIGS
RT ∞ DEVICES
HOLDERS
JACKS (LIFTS)
SLEWING

POSITIVE FEEDBACK

UF REGENERATIVE FEEDBACK
GS FEEDBACK
. **POSITIVE FEEDBACK**
RT AMPLIFICATION
FEEDBACK AMPLIFIERS
MULTIVIBRATORS
NONLINEAR FEEDBACK
OSCILLATORS
REGENERATION (ENGINEERING)
SELF OSCILLATION
TRANSFER FUNCTIONS

POSITIVE IONS

GS IONS
. **POSITIVE IONS**
RT ATOMS
CATIONS
HYDROGEN IONS
HYDRONIUM IONS
ION DENSITY (CONCENTRATION)
IONIC MOBILITY
IONOSPHERIC ION DENSITY
MAGNETOSPHERIC ION DENSITY
METAL IONS
MOLECULAR IONS
MONATOMIC MOLECULES
POLYATOMIC MOLECULES
PROTONS
TRIVALENT IONS
VALENCE

POSITRON ANNIHILATION

GS NUCLEAR REACTIONS
. ANNIHILATION REACTIONS
. **POSITRON ANNIHILATION**
RT ANTIPARTICLES

POSITRON ANNIHILATION-(CONT.)

ELEMENTARY PARTICLES
NUCLEAR PARTICLES
PAIR PRODUCTION
PARTICLES

POSITRONIUM

RT ATOMS
EXCITONS

POSITRONS

GS ANTIMATTER
... ANTIPARTICLES
... **POSITRONS**
PARTICLES
... CHARGED PARTICLES
... **POSITRONS**
... ELEMENTARY PARTICLES
... ANTIPARTICLES
... **POSITRONS**
... NUCLEAR PARTICLES
... ANTIPARTICLES
... **POSITRONS**
RT PAIR PRODUCTION

POST BOOST PROPULSION SYSTEM

RT ASCENT TRAJECTORIES
PROPULSION
PROPULSION SYSTEM CONFIGURATIONS
ROCKET ENGINES
SPACECRAFT PROPULSION
TRAJECTORY CONTROL

POST-BLAST NUCLEAR RADIATION

GS NUCLEAR RADIATION
... **POST-BLAST NUCLEAR RADIATION**
RT FALLOUT
HALF LIFE
RADIANT FLUX DENSITY
RADIATION EFFECTS
RADIOACTIVE DECAY
RADIOACTIVITY
VELA SATELLITES

POSTAMPLIFIERS

GS AMPLIFIERS
... **POSTAMPLIFIERS**
RT PREAMPLIFIERS

POSTERIOR SECTIONS

RT ANATOMY
DORSAL SECTIONS

POSTFLIGHT ANALYSIS

RT ∞ ANALYZING
 ∞ PERFORMANCE
POSTMISSION ANALYSIS (SPACECRAFT)

POSTLAUNCH REPORTS

GS DOCUMENTS
... **POSTLAUNCH REPORTS**
REPORTS
RT **POSTLAUNCH REPORTS**
PRELAUNCH SUMMARIES
SPACECRAFT LAUNCHING
SPACECRAFT PERFORMANCE
SUMMARIES

POSTMISSION ANALYSIS (SPACECRAFT)

RT FLIGHT TESTS
POSTFLIGHT ANALYSIS

POSTULATES

USE AXIOMS

POSTURE

RT HUMAN BODY
ORTHOSTATIC TOLERANCE
PHYSICAL FITNESS

POTABLE LIQUIDS

GS LIQUIDS
... **POTABLE LIQUIDS**
... BEVERAGES
... WINES
RT PURITY

POTABLE WATER

GS WATER
... **POTABLE WATER**
RT COLD WATER
CONSERVATION
DROUGHT
FRESH WATER

POTABLE WATER-(CONT.)

GROUND WATER
LIMNOLOGY
MODULAR INTEGRATED UTILITY SYSTEM
OASES
PURIFICATION
SANITATION
SPRINGS (WATER)
WATER MANAGEMENT
WATER RESOURCES
WATER TABLES
WATER TREATMENT

POTASSIUM

GS CHEMICAL ELEMENTS
... ALKALI METALS
... **POTASSIUM**
... LIQUID POTASSIUM
... POTASSIUM ISOTOPES
... POTASSIUM 38
... POTASSIUM 39
... POTASSIUM 40
METALS
... ALKALI METALS
... **POTASSIUM**
... LIQUID POTASSIUM
... POTASSIUM ISOTOPES
... POTASSIUM 38
... POTASSIUM 39
... POTASSIUM 40
RT KREEP

POTASSIUM ALLOYS

GS ALLOYS
... **POTASSIUM ALLOYS**

POTASSIUM BROMIDES

GS HALOGEN COMPOUNDS
... BROMINE COMPOUNDS
... BROMIDES
... **POTASSIUM BROMIDES**
... HALIDES
... BROMIDES
... **POTASSIUM BROMIDES**
... METAL HALIDES
... **POTASSIUM BROMIDES**
POTASSIUM COMPOUNDS
... **POTASSIUM BROMIDES**

POTASSIUM CHLORIDES

GS HALOGEN COMPOUNDS
... CHLORINE COMPOUNDS
... CHLORIDES
... **POTASSIUM CHLORIDES**
... HALIDES
... CHLORIDES
... **POTASSIUM CHLORIDES**
... METAL HALIDES
... **POTASSIUM CHLORIDES**
POTASSIUM COMPOUNDS
... **POTASSIUM CHLORIDES**

POTASSIUM CHROMATES

GS CHROMIUM COMPOUNDS
... CHROMATES
... **POTASSIUM CHROMATES**
POTASSIUM COMPOUNDS
... **POTASSIUM CHROMATES**

POTASSIUM COMPOUNDS

GS **POTASSIUM COMPOUNDS**
... ALUM
... NEPHELINE
... POTASSIUM BROMIDES
... POTASSIUM CHLORIDES
... POTASSIUM CHROMATES
... POTASSIUM HYDRIDES
... POTASSIUM HYDROXIDES
... POTASSIUM IODIDES
... POTASSIUM NITRATES
... POTASSIUM OXIDES
... POTASSIUM PERCHLORATES
... POTASSIUM PEROXIDES
... POTASSIUM PHOSPHATES
... POTASSIUM SILICATES
RT ∞ ALKALI METAL COMPOUNDS
 ∞ METAL COMPOUNDS

POTASSIUM HYDRIDES

GS HYDROGEN COMPOUNDS
... HYDRIDES
... METAL HYDRIDES
... **POTASSIUM HYDRIDES**
POTASSIUM COMPOUNDS
... **POTASSIUM HYDRIDES**

POTASSIUM HYDROXIDES

GS ALKALIES
... **POTASSIUM HYDROXIDES**
HYDROXIDES
... **POTASSIUM HYDROXIDES**
POTASSIUM COMPOUNDS
... **POTASSIUM HYDROXIDES**

POTASSIUM IODIDES

GS HALOGEN COMPOUNDS
... HALIDES
... METAL HALIDES
... ALKALI HALIDES
... **POTASSIUM IODIDES**
... IODINE COMPOUNDS
... IODIDES
... **POTASSIUM IODIDES**
POTASSIUM COMPOUNDS
... **POTASSIUM IODIDES**

POTASSIUM ISOTOPES

GS CHEMICAL ELEMENTS
... ALKALI METALS
... POTASSIUM
... **POTASSIUM ISOTOPES**
... POTASSIUM 38
... POTASSIUM 39
... POTASSIUM 40
... NUCLIDES
... ISOTOPES
... **POTASSIUM ISOTOPES**
... POTASSIUM 38
... POTASSIUM 39
... POTASSIUM 40
METALS
... ALKALI METALS
... POTASSIUM
... **POTASSIUM ISOTOPES**
... POTASSIUM 38
... POTASSIUM 39
... POTASSIUM 40

POTASSIUM NITRATES

GS NITROGEN COMPOUNDS
... NITRATES
... INORGANIC NITRATES
... **POTASSIUM NITRATES**
POTASSIUM COMPOUNDS
... **POTASSIUM NITRATES**

POTASSIUM OXIDES

GS CHALCOGENIDES
... OXIDES
... METAL OXIDES
... **POTASSIUM OXIDES**
POTASSIUM COMPOUNDS
... **POTASSIUM OXIDES**

POTASSIUM PERCHLORATES

GS HALOGEN COMPOUNDS
... CHLORINE COMPOUNDS
... PERCHLORATES
... **POTASSIUM PERCHLORATES**
POTASSIUM COMPOUNDS
... **POTASSIUM PERCHLORATES**
RT EXPLOSIVES
SOLID ROCKET PROPELLANTS

POTASSIUM PEROXIDES

GS POTASSIUM COMPOUNDS
... **POTASSIUM PEROXIDES**

POTASSIUM PHOSPHATES

GS PHOSPHORUS COMPOUNDS
... PHOSPHATES
... **POTASSIUM PHOSPHATES**
POTASSIUM COMPOUNDS
... **POTASSIUM PHOSPHATES**

POTASSIUM SILICATES

GS POTASSIUM COMPOUNDS
... **POTASSIUM SILICATES**
SILICON COMPOUNDS
... SILICATES
... **POTASSIUM SILICATES**
RT MINERALS

POTASSIUM 38

GS CHEMICAL ELEMENTS
... ALKALI METALS
... POTASSIUM
... POTASSIUM ISOTOPES
... **POTASSIUM 38**
... NUCLIDES

POTASSIUM 39

POTASSIUM 38-(CONT.)

- . ISOTOPES
- . . . POTASSIUM ISOTOPES
- **POTASSIUM 38**
- RADIOACTIVE ISOTOPES
- **POTASSIUM 38**
- METALS
- . ALKALI METALS
- . . . POTASSIUM
- POTASSIUM ISOTOPES
- **POTASSIUM 38**

POTASSIUM 39

- GS CHEMICAL ELEMENTS
- . ALKALI METALS
- . . . POTASSIUM
- POTASSIUM ISOTOPES
- **POTASSIUM 39**
- NUCLIDES
- ISOTOPES
- POTASSIUM ISOTOPES
- **POTASSIUM 39**
- METALS
- . ALKALI METALS
- . . . POTASSIUM
- POTASSIUM ISOTOPES
- **POTASSIUM 39**

POTASSIUM 40

- GS CHEMICAL ELEMENTS
- . ALKALI METALS
- . . . POTASSIUM
- POTASSIUM ISOTOPES
- **POTASSIUM 40**
- NUCLIDES
- ISOTOPES
- POTASSIUM ISOTOPES
- **POTASSIUM 40**
- RADIOACTIVE ISOTOPES
- **POTASSIUM 40**
- METALS
- . ALKALI METALS
- . . . POTASSIUM
- POTASSIUM ISOTOPES
- **POTASSIUM 40**

POTATOES

- GS FARM CROPS
- . **POTATOES**
- . . . VEGETABLES
- . . . **POTATOES**
- RT ∞ FOOD
- . . . PLANTS (BOTANY)

∞ POTENTIAL

- SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)*
- RT COULOMB POTENTIAL
- ELECTRIC POTENTIAL
- GEOPOTENTIAL
- IONIZATION POTENTIALS
- KLEIN-DUNHAM POTENTIAL
- MYOELECTRIC POTENTIALS
- NUCLEON POTENTIAL
- OPEN CIRCUIT VOLTAGE
- PLASMA POTENTIALS
- POTENTIAL ENERGY
- POTENTIAL FIELDS
- POTENTIAL THEORY
- YUKAWA POTENTIAL

POTENTIAL ENERGY

- GS **POTENTIAL ENERGY**
- . BIOELECTRIC POTENTIAL
- . . . ELECTRIC POTENTIAL
- . . . CONTACT POTENTIALS
- . . . COULOMB POTENTIAL
- . . . LIENARD POTENTIAL
- . . . LOW VOLTAGE
- . . . OPEN CIRCUIT VOLTAGE
- . . . PHOTOVOLTAGES
- . . . SPIKE POTENTIALS
- . . . GEOPOTENTIAL HEIGHT
- . . . IONIZATION POTENTIALS
- . . . NUCLEAR POTENTIAL
- . . . PLASMA POTENTIALS
- RT CHEMICAL ENERGY
- ELECTRIC ENERGY STORAGE
- ∞ ENERGY
- ENERGY STORAGE
- FROUDE NUMBER
- GEOPOTENTIAL
- INTERNAL ENERGY
- KINETIC ENERGY

POTENTIAL ENERGY-(CONT.)

- MORSE POTENTIAL
- ∞ POTENTIAL

POTENTIAL FIELDS

- RT FIELD THEORY (PHYSICS)
- ∞ POTENTIAL

POTENTIAL FLOW

- UF IRROTATIONAL FLOW
- GS FLUID FLOW
- . **POTENTIAL FLOW**
- . . . EQUIPOTENTIALS
- RT CARTAN SPACE
- HEAT TRANSMISSION
- INVISCID FLOW
- VORTICITY

POTENTIAL GRADIENTS

- GS GRADIENTS
- . **POTENTIAL GRADIENTS**
- RT PRESSURE GRADIENTS
- SPARK GAPS
- TEMPERATURE GRADIENTS

POTENTIAL THEORY

- RT DIFFERENTIAL EQUATIONS
- JACOBI INTEGRAL
- ∞ POTENTIAL
- STREAM FUNCTIONS (FLUIDS)
- ∞ THEORIES

∞ POTENTIOMETERS

- SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)*
- RT POTENTIOMETERS (INSTRUMENTS)
- POTENTIOMETERS (RESISTORS)

POTENTIOMETERS (INSTRUMENTS)

- GS MEASURING INSTRUMENTS
- . **POTENTIOMETERS (INSTRUMENTS)**
- RT BOLOMETERS
- ELECTRIC POTENTIAL
- ELECTRICAL MEASUREMENT
- ELECTROMETERS
- ∞ POTENTIOMETERS
- THERMOCOUPLE PYROMETERS
- THERMOCOUPLES
- VOLTMETERS

POTENTIOMETERS (RESISTORS)

- GS ATTENUATORS
- . RESISTORS
- . . . **POTENTIOMETERS (RESISTORS)**
- RT ∞ POTENTIOMETERS

POTENTIOMETRIC ANALYSIS

- UF POTENTIOMETRY
- GS CHEMICAL TESTS
- . CHEMICAL ANALYSIS
- . . . **POTENTIOMETRIC ANALYSIS**

POTENTIOMETRY

- USE POTENTIOMETRIC ANALYSIS

POTEZ AIRCRAFT

- GS **POTEZ AIRCRAFT**
- . POTEZ 840 AIRCRAFT
- RT ∞ AIRCRAFT

POTEZ 840 AIRCRAFT

- GS JET AIRCRAFT
- . TURBOPROP AIRCRAFT
- . . . **POTEZ 840 AIRCRAFT**
- . . . LIGHT AIRCRAFT
- . . . **POTEZ 840 AIRCRAFT**
- . . . MONOPLANES
- . . . **POTEZ 840 AIRCRAFT**
- . . . PASSENGER AIRCRAFT
- . . . **POTEZ 840 AIRCRAFT**
- . . . POTEZ AIRCRAFT
- . . . **POTEZ 840 AIRCRAFT**
- . . . TRANSPORT AIRCRAFT
- . . . **POTEZ 840 AIRCRAFT**

POTOMAC RIVER VALLEY (MD-VA-WV)

- GS VALLEYS
- . **POTOMAC RIVER VALLEY (MD-VA-WV)**
- RT DISTRICT OF COLUMBIA
- MARYLAND
- VIRGINIA
- WEST VIRGINIA

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POTTING COMPOUNDS

- RT ∞ COMPOUNDS
- ENCAPSULATING
- INSULATION

POURING

- RT CASTING
- CASTINGS

POWDER (PARTICLES)

- GS PARTICLES
- . **POWDER (PARTICLES)**
- . . . FINES
- . . . PLATINUM BLACK
- . . . POWDERED ALUMINUM
- RT COMPRESSIBILITY
- CROP DUSTING
- DUST
- EXPLOSIVES
- FLAKES
- FLOUR (FOOD)
- GRANULAR MATERIALS
- OBSIDIAN
- PUMICE
- SIZE SEPARATION

POWDER METALLURGY

- RT ALLOYS
- AUTOCCLAVING
- CERMETS
- COMMUNION
- COMPACTING
- COMPOSITE MATERIALS
- ELECTRODEPOSITION
- LOW DENSITY MATERIALS
- METAL MATRIX COMPOSITES
- METAL PARTICLES
- ∞ METALLURGY
- MIXED CRYSTALS
- POROUS MATERIALS
- PREFORMS
- REACTION BONDING
- SINTERED ALUMINUM POWDER
- SINTERING
- VACUUM MELTING

POWDERED ALUMINUM

- GS CHEMICAL ELEMENTS
- . ALUMINUM
- . . . **POWDERED ALUMINUM**
- . . . METALS
- . . . ALUMINUM
- . . . **POWDERED ALUMINUM**
- . . . METAL POWDER
- . . . **POWDERED ALUMINUM**
- . . . PARTICLES
- . . . METAL PARTICLES
- . . . **POWDERED ALUMINUM**
- . . . POWDER (PARTICLES)
- . . . **POWDERED ALUMINUM**
- RT LITHIUM ALUMINUM HYDRIDES
- SINTERED ALUMINUM POWDER

POWDERED METALS

- USE METAL POWDER

∞ POWER

- SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)*
- RT ELECTRIC GENERATORS
- FLUID POWER
- FLUX (RATE)
- FLUX DENSITY
- HORSEPOWER
- RESOLUTION
- THRUST

POWER AMPLIFIERS

- GS AMPLIFIERS
- . **POWER AMPLIFIERS**
- RT AMPLIDYNES
- CYCLOTRON RESONANCE DEVICES
- FEEDBACK AMPLIFIERS
- MAGNETIC AMPLIFIERS
- PARAMETRIC AMPLIFIERS
- PUSH-PULL AMPLIFIERS
- TRANSISTOR AMPLIFIERS

POWER CONDITIONING

- UF POWER PROCESSING SYSTEMS
- RT ∞ CONDITIONING
- ELECTRIC CURRENT
- ELECTRIC GENERATORS
- ELECTRIC POTENTIAL

POWER CONDITIONING-(CONT.)

ENERGY CONVERSION
ENERGY CONVERSION EFFICIENCY
OUTPUT
SATELLITE SOLAR ENERGY
CONVERSION
SATELLITE SOLAR POWER STATIONS

POWER CONVERTERS

RT TORQUE CONVERTERS

POWER DENSITY (ELECTROMAGNETIC)

USE RADIANT FLUX DENSITY

POWER EFFICIENCY

GS EFFICIENCY
RT . **POWER EFFICIENCY**
COMBUSTION EFFICIENCY
COMPRESSOR EFFICIENCY
HORSEPOWER
NOZZLE EFFICIENCY
PROPELLER EFFICIENCY
PROPULSION SYSTEM PERFORMANCE
PROPULSIVE EFFICIENCY
THERMODYNAMIC EFFICIENCY
TRANSMISSION EFFICIENCY

POWER GAIN

GS AMPLIFICATION
RT . **POWER GAIN**
CATT DEVICES
HIGH GAIN
OPEN CIRCUIT VOLTAGE

POWER GENERATORS

USE ELECTRIC GENERATORS

POWER LIMITED SPACECRAFT

RT ∞SPACECRAFT

POWER LIMITERS

RT ATTENUATORS
CLAMPING CIRCUITS
CLIPPER CIRCUITS
LIMITER CIRCUITS

POWER LINES

GS TRANSMISSION LINES
RT . **POWER LINES**
BUS CONDUCTORS
∞CABLES
COAXIAL CABLES
ELECTRIC POWER TRANSMISSION
ELECTRIC WIRE
SUBMARINE CABLES
SUPERCONDUCTING POWER
TRANSMISSION
UNDERGROUND TRANSMISSION LINES

POWER MODULES (STS)

GS MODULES
RT . **POWER MODULES (STS)**
PAYLOAD DELIVERY (STS)
SOLAR ARRAYS
SPACE TRANSPORTATION SYSTEM
SPACECRAFT POWER SUPPLIES

∞POWER PLANTS

SN *(USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)*
RT COGENERATION
ELECTRIC POWER PLANTS
ENGINES
ENRICO FERMI ATOMIC POWER PLANT
GEOTHERMAL ENERGY UTILIZATION
HALLAM NUCLEAR POWER FACILITY
HYDROELECTRIC POWER STATIONS
HYDROELECTRICITY
ML-1 NUCLEAR POWER PLANT
SOLAR SEA POWER PLANTS

POWER PROCESSING SYSTEMS

USE POWER CONDITIONING

POWER REACTORS

RT NUCLEAR POWER REACTORS
∞REACTORS
SATURABLE REACTORS

POWER SERIES

GS ANALYSIS (MATHEMATICS)
CALCULUS
.. SERIES (MATHEMATICS)

POWER SERIES-(CONT.)

... **POWER SERIES**
... TAYLOR SERIES
... MACLAURIN SERIES
REAL VARIABLES
.. SERIES (MATHEMATICS)
... **POWER SERIES**
... TAYLOR SERIES
... MACLAURIN SERIES
ANALYTIC FUNCTIONS
BESSEL FUNCTIONS

POWER SPECTRA

GS SPECTRA
RT . **POWER SPECTRA**
.. CEPSTRA
ACOUSTICS
CEPSTRAL ANALYSIS
ENERGY SPECTRA
FLUX DENSITY
LOUDNESS
MAXIMUM ENTROPY METHOD

∞POWER SUPPLIES

SN *(USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)*
RT AIRCRAFT ENGINES
AUXILIARY POWER SOURCES
ELECTRIC BATTERIES
ELECTRIC GENERATORS
ELECTRIC POWER SUPPLIES
ELECTRON SOURCES
ENERGY REQUIREMENTS
HEAT SOURCES
LEAD ACID BATTERIES
LINE CURRENT
LITHIUM SULFUR BATTERIES
NUCLEAR AUXILIARY POWER UNITS
PLASMA POWER SOURCES
PROPELLANTS
RECTIFIERS
SOLAR GENERATORS
SPACECRAFT POWER SUPPLIES
VOLTAGE CONVERTERS (AC TO AC)
VOLTAGE CONVERTERS (DC TO DC)

POWER SUPPLY CIRCUITS

GS CIRCUITS
RT . **POWER SUPPLY CIRCUITS**
CURRENT REGULATORS
RECTIFIERS
TRANSFORMERS
VOLTAGE CONVERTERS (DC TO DC)
VOLTAGE REGULATORS

∞POWER TRANSMISSION

SN *(USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)*
RT BUS CONDUCTORS
ELECTRIC OUTLETS
ELECTRIC POWER TRANSMISSION
ELECTRICAL ENGINEERING
ELECTRIFICATION
HYDROELECTRIC POWER STATIONS
MECHANICAL DRIVES
WINDMILLS (WINDPOWERED MACHINES)

POWER TRANSMISSION (LASERS)

RT CARBON DIOXIDE LASERS
CARBON MONOXIDE LASERS
ELECTRIC POWER TRANSMISSION
GAS LASERS
LASERS
SOLAR POWER SATELLITES

POWERED LIFT AIRCRAFT

RT ∞AIRCRAFT
EXTERNALLY BLOWN FLAPS
SHORT TAKEOFF AIRCRAFT
VERTICAL TAKEOFF AIRCRAFT

POWERED MODELS

SN (LIMITED TO TEST FACILITIES)
GS MODELS
WIND TUNNEL MODELS
RT . **POWERED MODELS**
AIRCRAFT MODELS
DYNAMIC MODELS

POYNTING THEOREM

GS THEOREMS
RT . **POYNTING THEOREM**
∞ELECTRIC POWER

POYNTING THEOREM-(CONT.)

ELECTROMAGNETIC RADIATION
ENERGY TRANSFER
MAXWELL EQUATION
VECTOR ANALYSIS

POYNTING-ROBERTSON EFFECT

RT ∞EFFECTS
MICROMETEORIDS
ORBITAL MECHANICS
RADIATION EFFECTS
ZODIACAL DUST
ZODIACAL LIGHT

PPI (POSITION INDICATORS)

USE PLAN POSITION INDICATORS

PPM (MODULATION)

USE PULSE POSITION MODULATION

PRACTICES

USE PROCEDURES

PRAESEPE STAR CLUSTERS

GS CELESTIAL BODIES
STAR CLUSTERS
.. **PRAESEPE STAR CLUSTERS**
STARS
.. **PRAESEPE STAR CLUSTERS**

PRAETERSONIC DEVICES

RT MICROWAVE FREQUENCIES
PIEZOELECTRIC TRANSDUCERS
THIN FILMS
ULTRAHIGH FREQUENCIES

PRAIRIES

USE GRASSLANDS

PRANDTL NUMBER

GS RATIOS
DIMENSIONLESS NUMBERS
.. **PRANDTL NUMBER**
RT FORCED CONVECTION
HEAT TRANSFER
INVISCID FLOW
MOMENTUM TRANSFER
NUSSELT NUMBER
PECLET NUMBER
REYNOLDS NUMBER
SCHMIDT NUMBER
THERMODYNAMIC PROPERTIES
VISCIOUS FLOW

PRANDTL-MEYER EXPANSION

GS EXPANSION
.. **PRANDTL-MEYER EXPANSION**
RT BLASIUS EQUATION
FALKNER-SKAN EQUATION
LAMINAR FLOW
METHOD OF CHARACTERISTICS
NEWTON PRESSURE LAW
SUPERSONIC FLOW
TWO DIMENSIONAL FLOW

PRASEODYMIUM

GS CHEMICAL ELEMENTS
RARE EARTH ELEMENTS
.. **PRASEODYMIUM**
... PRASEODYMIUM ISOTOPES
METALS
RARE EARTH ELEMENTS
.. **PRASEODYMIUM**
... PRASEODYMIUM ISOTOPES

PRASEODYMIUM ISOTOPES

UF PRASEODYMIUM 144
GS CHEMICAL ELEMENTS
NUCLIDES
ISOTOPES
... **PRASEODYMIUM ISOTOPES**
RARE EARTH ELEMENTS
.. **PRASEODYMIUM**
... **PRASEODYMIUM ISOTOPES**
METALS
RARE EARTH ELEMENTS
.. **PRASEODYMIUM**
... **PRASEODYMIUM ISOTOPES**

PRASEODYMIUM 144

USE PRASEODYMIUM ISOTOPES

PRE-IMBRIAN PERIOD

RT LUNAR COMPOSITION

PREAMPLIFIERS

PRE-IMBRIAN PERIOD-(CONT.)

LUNAR CRATERS
LUNAR EVOLUTION
LUNAR GEOLOGY
LUNAR ROCKS

PREAMPLIFIERS

UF PRESELECTORS
GS AMPLIFIERS
 . PREAMPLIFIERS
RT INTERMEDIATE FREQUENCY AMPLIFIERS
 LOW NOISE
 MIXING CIRCUITS
 POSTAMPLIFIERS
 SIGNAL DETECTION
 SIGNAL DETECTORS
 SIGNAL RECEPTION
 TRANSISTOR AMPLIFIERS
 VOLTAGE AMPLIFIERS

PREBURNERS

GS PRESSURE VESSELS
 . PREBURNERS
RT PUMPS
 TURBINE PUMPS

PRECAMBRIAN PERIOD

RT BALTIC SHIELD (EUROPE)
 CANADIAN SHIELD
 GEOLOGY
 PALEONTOLOGY

PRECAUTIONS

USE ACCIDENT PREVENTION

PRECESSION

GS GYRATION
 . PRECESSION
 . LARMOR PRECESSION
 . PROTON PRECESSION
 . QUENCHING (ATOMIC PHYSICS)
RT GYROSCOPES
 GYROSCOPIC STABILITY
 LARMOR RADIUS
 LIBRATION
 MUON SPIN ROTATION
 NUTATION
 POLAR WANDERING (GEOLOGY)
 ROTATION

PRECIOUS METALS

USE NOBLE METALS

∞ PRECIPITATION

SN *(USE OF A MORE SPECIFIC TERM IS
RECOMMENDED-CONSULT THE TERM
LISTED BELOW)*
RT DROP SIZE
 ELECTRON PRECIPITATION
 FALLING
 HYDROMETALLURGY
 MATERIALS RECOVERY
 PARTICLE PRECIPITATION
 PRECIPITATION (CHEMISTRY)
 PRECIPITATION (METEOROLOGY)
 PROTON PRECIPITATION

PRECIPITATION (CHEMISTRY)

RT AGGLOMERATION
 CEMENTATION
 COAGULATION
 COLLOIDING
 CONCENTRATING
 CRYSTALLIZATION
 DEPOSITION
 DISSOLVING
 FILTRATION
 FLOCCULATING
 HYDROMETALLURGY
 HYDROMETEOROLOGY
 MATERIALS RECOVERY
∞ PRECIPITATION
 PRECIPITATORS
∞ SATURATION
 SATURATION (CHEMISTRY)
∞ SEPARATION
 SETTLING
 SOLUBILITY
 SUPERSATURATION
 UNSATURATION (CHEMISTRY)

PRECIPITATION (METEOROLOGY)

GS PRECIPITATION (METEOROLOGY)
 . DEW

PRECIPITATION (METEOROLOGY)-(CONT.)

 . HAIL
 . RAIN
 . . ACID RAIN
 . SNOW
 . SNOW COVER
RT ALPINE METEOROLOGY
 ANVIL CLOUDS
 ATMOSPHERIC MOISTURE
 CAP CLOUDS
 CIRROCUMULUS CLOUDS
 CIRROSTRATUS CLOUDS
 CLIMATOLOGY
 CLOUD PHYSICS
 CLOUD SEEDING
 CLOUDS (METEOROLOGY)
 CUMULONIMBUS CLOUDS
 CYCLONES
 DRAINAGE PATTERNS
 DROUGHT
 FLOOD DAMAGE
 FLOOD PREDICTIONS
 FLOODS
 FOG
 FOG DISPERSAL
 HAILSTORMS
 HUMIDITY
 HYDROLOGY
 HYDROLOGY MODELS
 HYDROMETEOROLOGY
 INTERNATIONAL HYDROLOGICAL
 DECADE
 METEOROLOGICAL PARAMETERS
 METEOROLOGY
 MIST
 MONSOONS
 NEPHANALYSIS
 NIMBOSTRATUS CLOUDS
∞ PRECIPITATION
 RAINMAKING
 RAINSTORMS
∞ SATURATION
 SNOWSTORMS
 STORM DAMAGE
 STORM ENHANCEMENT
 STORM SUPPRESSION
 STORMS
 STORMS (METEOROLOGY)
 WATER
 WATER RESOURCES
 WATERSHEDS
 WEATHER
 WEATHER FORECASTING

PRECIPITATION HARDENING

UF AGE HARDENING
 DISPERSION PRECIPITATION HARDENING
 STRAIN AGING
GS HARDENING (MATERIALS)
 . PRECIPITATION HARDENING
 . . MARAGING
RT COLD HARDENING
 EUTECTIC COMPOSITES
 HEAT TREATMENT
 SOLID SOLUTIONS
 STRAIN HARDENING
 SUPERSATURATION

PRECIPITATION PARTICLE MEASUREMENT

GS SIZE DETERMINATION
 . PRECIPITATION PARTICLE
 MEASUREMENT
RT DROP SIZE
 METEOROLOGICAL RADAR
 PARTICLE SIZE DISTRIBUTION
 PARTICLES

PRECIPITATORS

GS SEPARATORS
 . PRECIPITATORS
 . . ELECTROSTATIC PRECIPITATORS
RT AIR FILTERS
 CONCENTRATORS
 DUST COLLECTORS
 PRECIPITATION (CHEMISTRY)
 THICKENERS (EQUIPMENT)

PRECISION

UF EXACTNESS
RT ACCURACY
 ALLOWANCES
 CONFIDENCE LIMITS
 CONSISTENCY
∞ DEFINITION
 DYNAMIC CHARACTERISTICS

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PRECISION-(CONT.)

 ERRORS
 GEOMETRIC DILUTION OF PRECISION
 HIGH RESOLUTION
 HYSTERESIS
 QUALITY
 QUALITY CONTROL
 RELIABILITY
 RESOLUTION
 SCHEDULES
 SENSITIVITY
∞ SHARPNESS
 TOLERANCES (MECHANICS)
 TRUNCATION ERRORS
 VALIDITY

PRECISION GUIDED PROJECTILES

GS MISSILES
 . PRECISION GUIDED PROJECTILES
 PROJECTILES
 . PRECISION GUIDED PROJECTILES
 WEAPONS
 . ARTILLERY
 . . PRECISION GUIDED PROJECTILES
 . GUNS (ORDNANCE)
 . PRECISION GUIDED PROJECTILES
 . WARHEADS
 . . PRECISION GUIDED PROJECTILES
RT ∞ BOMBS

PRECONDITIONING

GS PREPARATION
 . PRECONDITIONING
RT ∞ CONDITIONING

PRECOOLING

GS COOLING
 . PRECOOLING
RT REGENERATIVE COOLING

PREDICTION ANALYSIS TECHNIQUES

GS FORECASTING
 . PERFORMANCE PREDICTION
 . . PREDICTION ANALYSIS TECHNIQUES
 SCHEDULING
 . PREDICTION ANALYSIS TECHNIQUES
RT ∞ ANALYZING
 PARAMETER IDENTIFICATION
 SYSTEM IDENTIFICATION

PREDICTION RECORDING

GS RECORDING
 . PREDICTION RECORDING
RT PREDICTIONS

PREDICTIONS

UF PREDICTORS
GS PREDICTIONS
 . FLOOD PREDICTIONS
 . IMPACT PREDICTION
 . LINEAR PREDICTION
 . NOISE PREDICTION
 . NOISE PREDICTION (AIRCRAFT)
 . PERFORMANCE PREDICTION
 . ROSKHO PREDICTION
RT CATASTROPHE THEORY
 CONFIDENCE LIMITS
 CONTINGENCY
 DELPHI METHOD (FORECASTING)
 ESTIMATES
 FORECASTING
 MAXIMUM LIKELIHOOD ESTIMATES
 MISSION PLANNING
 PATTERN METHOD (FORECASTING)
 PREDICTION RECORDING
 PROBE METHOD (FORECASTING)
 PROFILE METHOD (FORECASTING)
∞ PROJECTION
 RISK
 SCHEDULES
 TECHNOLOGICAL FORECASTING

PREDICTORS

USE PREDICTIONS

PREEMPTING

RT CLAIMING
 PREVENTION

PREFIRING TESTS

GS ENGINE TESTS
 . PREFIRING TESTS
RT CAPTIVE TESTS
 CHECKOUT

PREFIRING TESTS-(CONT.)

GROUND TESTS
 PREFLIGHT ANALYSIS
 PRELAUNCH TESTS
 ROCKET ENGINE DESIGN
 SPACE VEHICLE CHECKOUT PROGRAM
 STATIC TESTS
 TEST FIRING
 TEST STANDS

PREFLIGHT ANALYSIS

RT ∞ ANALYZING
 PREFIRING TESTS
 SYSTEMS ANALYSIS
 ∞ TESTS
 TRAJECTORY ANALYSIS
 WEIGHT ANALYSIS

PREFLIGHT OPERATIONS

GS **PREFLIGHT OPERATIONS**
 . AIRCRAFT RUNUP
 . COUNTDOWN
 RT CREW PROCEDURES (PREFLIGHT)
 GROUND TESTS
 ∞ OPERATIONS
 PRELAUNCH TESTS
 REFUELING

PREFOCUSING

GS FOCUSING
 . **PREFOCUSING**
 RT ∞ OPTICS

PREFORMS

RT BLANKS
 COMPOSITE MATERIALS
 MOLDS
 POWDER METALLURGY

PREGNANCY

RT BIRTH

PREHEATERS

USE HEATING EQUIPMENT

PREHEATING

USE HEATING

PREIMPREGNATION

RT FILAMENT WINDING
 PULTRUSION

PREJUDICES

RT ECONOMICS
 IRRATIONALITY
 MANAGEMENT
 ∞ PROPERTIES
 PSYCHOLOGY

PRELAUNCH PROBLEMS

RT COUNTDOWN
 ∞ PROBLEMS
 RELIABILITY
 SPACECRAFT RELIABILITY

PRELAUNCH SUMMARIES

GS SUMMARIES
 . **PRELAUNCH SUMMARIES**
 RT MISSION PLANNING
 POSTLAUNCH REPORTS
 SPACECRAFT LAUNCHING

PRELAUNCH TESTS

GS GROUND TESTS
 . **PRELAUNCH TESTS**
 . . STATIC FIRING
 NONDESTRUCTIVE TESTS
 . **PRELAUNCH TESTS**
 . . STATIC FIRING
 RT CAPTIVE TESTS
 COLD FLOW TESTS
 COUNTDOWN
 CREW PROCEDURES (PREFLIGHT)
 ENGINE TESTS
 LAUNCHING
 MISSILE TESTS
 PREFIRING TESTS
 PREFLIGHT OPERATIONS
 STATIC TESTS
 TEST FIRING
 TEST STANDS

PRELOADING

USE PRESTRESSING

PREMATURE OPERATION

RT ∞ OPERATIONS
 PREPARATION

PREMIXED FLAMES

GS FLAMES
 . **PREMIXED FLAMES**
 RT CARBURETORS
 FLAME PROPAGATION
 GAS MIXTURES
 MIXING
 PREMIXING

PREMIXING

GS MIXING
 . **PREMIXING**
 RT FUEL-AIR RATIO
 FUELS
 GAS MIXTURES
 HOMOGENIZING
 IGNITION
 JET MIXING FLOW
 PREMIXED FLAMES
 SPRAYING

PREPARATION

GS **PREPARATION**
 . PRECONDITIONING
 . PRETREATMENT
 . . PRESTRESSING
 . PREWHIRLING
 . PREWHITENING
 RT ASSEMBLING
 PREMATURE OPERATION
 ∞ PRIMING

PREPOLYMERS

GS **PREPOLYMERS**
 . DIMERS
 . TRIMERS
 RT MONOMERS
 ∞ POLYMERS

PREPREGS

RT COMPOSITE MATERIALS
 EPOXY RESINS
 LAMINATES
 RESIN MATRIX COMPOSITES

PRESBYOPIA

RT VISION

PRESELECTORS

USE PREAMPLIFIERS

PRESENTATION

RT INFORMATION

PRESERVATIVES

RT ADDITIVES
 ∞ AGENTS
 ANTICOAGULANTS
 ANTIOXIDANTS
 NEUTRALIZERS
 PENETRANTS
 PRESERVING
 RETARDANTS
 STABILIZERS (AGENTS)

PRESERVING

GS FOOD PROCESSING
 . **PRESERVING**
 RT BIOPAKS
 ∞ CONTAINERS
 CORROSION PREVENTION
 COVERINGS
 CURING
 DEGRADATION
 DEHYDRATED FOOD
 ∞ FOOD
 FREEZE DRYING
 FREEZING
 FROZEN FOODS
 IMPREGNATING
 IRRADIATION
 PACKAGING
 PRESERVATIVES
 RADIATION EFFECTS
 REFRIGERATING
 ∞ STORAGE
 WEATHERPROOFING

PRESIDENTIAL REPORTS

GS DOCUMENTS

PRESIDENTIAL REPORTS-(CONT.)

. **PRESIDENTIAL REPORTS**
 REPORTS
 RT . **PRESIDENTIAL REPORTS**
 CONGRESSIONAL REPORTS
 PAPERS
 RECORDS

PRESINTERING

USE SINTERING

PRESSES

GS **PRESSES**
 . RAMS (PRESSES)
 RT COMPACTING
 HAMMERS
 MACHINE TOOLS
 PLATENS
 ∞ PRESSING
 PRESSING (FORMING)
 PUNCHES
 TOOLS

∞ PRESSING

SN *(USE OF A MORE SPECIFIC TERM IS
 RECOMMENDED--CONSULT THE TERMS
 LISTED BELOW)*
 RT COLD PRESSING
 COMPACTING
 COMPRESSING
 HOT PRESSING
 PLATENS
 PRESSES
 PRESSING (FORMING)

PRESSING (FORMING)

GS FORMING TECHNIQUES
 . **PRESSING (FORMING)**
 . . BLANKING (CUTTING)
 . . COINING
 . . STAMPING
 RT COLD PRESSING
 COMPACTING
 EXTRUDING
 FORGING
 HOT PRESSING
 METAL WORKING
 MOLDS
 PRESSES
 ∞ PRESSING
 PULTRUSION
 SIZING (SHAPING)
 UPSETTING

PRESSORS

USE VASOCONSTRICTOR DRUGS

PRESSURE

UF SURFACE PRESSURE
 GS **PRESSURE**
 . ATMOSPHERIC PRESSURE
 . BASE PRESSURE
 . BLOOD PRESSURE
 . . DIASTOLIC PRESSURE
 . . HYPERTENSION
 . . HYPOTENSION
 . . SYSTOLIC PRESSURE
 . CRITICAL PRESSURE
 . DENSIFICATION
 . DIFFERENTIAL PRESSURE
 . DYNAMIC PRESSURE
 . FLUID PRESSURE
 . . WATER PRESSURE
 . GAS PRESSURE
 . GEOPRESSURE
 . HIGH PRESSURE
 . IMPACT LOADS
 . INLET PRESSURE
 . INTERNAL PRESSURE
 . INTRACRANIAL PRESSURE
 . INTRAOCULAR PRESSURE
 . ISOSTATIC PRESSURE
 . LOW PRESSURE
 . . HIGH ALTITUDE PRESSURE
 . MIDDLE EAR PRESSURE
 . OVERPRESSURE
 . PARTIAL PRESSURE
 . . OXYGEN TENSION
 . . . HYPOXEMIA
 . RADIATION PRESSURE
 . . ELECTRON PRESSURE
 . . LUMENS
 . . LUMINOUS INTENSITY
 . . . ILLUMINANCE
 . . . LUMINANCE

PRESSURE BREATHING

PRESSURE-(CONT.)

- . SOUND PRESSURE
- . STAGNATION PRESSURE
- . STATIC PRESSURE
- . HYDROSTATIC PRESSURE
- . SUPERCRITICAL PRESSURES
- . THRUST CHAMBER PRESSURE
- . TRANSIENT PRESSURES
- . TRANSITION PRESSURE
- . VACUUM
 - . HIGH VACUUM
 - . LOW VACUUM
 - . ULTRAHIGH VACUUM
- . VAPOR PRESSURE
- . WALL PRESSURE
- . WIND PRESSURE
- RT BARORECEPTORS
- BLAST LOADS
- COMPRESSING ENVIRONMENTS
- ∞ FORCE
- GIBBS-HELMHOLTZ EQUATIONS
- HEAD (FLUID MECHANICS)
- IMPACT
- LOADS (FORCES)
- NEWTON PRESSURE LAW
- OSMOSIS
- PRESSURIZING
- TEMPERATURE INVERSIONS
- WEIGHT (MASS)
- PRESSURE BREATHING**
 - GS RESPIRATION
 - . **PRESSURE BREATHING**
 - RT EMERGENCY BREATHING TECHNIQUES
 - LIQUID BREATHING
 - STRESS (PHYSIOLOGY)

PRESSURE BROADENING

- RT LINE SPECTRA
- SPECTROSCOPY

PRESSURE CABINS

- USE PRESSURIZED CABINS

PRESSURE CHAMBERS

- GS COMPARTMENTS
- . TEST CHAMBERS
- . **PRESSURE CHAMBERS**
- . . . HYPERBARIC CHAMBERS
- . . . VACUUM CHAMBERS
- RT AIR LOCKS
- ∞ CHAMBERS
- ENCLOSURES
- PRESSURIZED CABINS
- WIND TUNNEL DRIVES

PRESSURE DEPENDENCE

- RT BURNING RATE
- HYDROSTATIC PRESSURE
- REACTION KINETICS

PRESSURE DISTRIBUTION

- UF PRESSURE FIELDS
- GS DISTRIBUTION (PROPERTY)
- . **PRESSURE DISTRIBUTION**
- RT AERODYNAMIC COEFFICIENTS
- AERODYNAMIC LOADS
- AERODYNAMIC STABILITY
- CENTER OF PRESSURE
- DIFFERENTIAL PRESSURE
- ∞ DISTRIBUTION
- FIELD THEORY (PHYSICS)
- INFLUENCE COEFFICIENT
- INTERNAL PRESSURE
- ISOBARS (PRESSURE)
- LIFT
- LOADING MOMENTS
- LOADS (FORCES)
- MANOMETERS
- MASS DISTRIBUTION
- MOMENT DISTRIBUTION
- NEWTON PRESSURE LAW
- ∞ PRESSURE DROP
- SHOCK WAVE PROFILES
- SPANWISE BLOWING
- STATIC LOADS
- STRUCTURAL DESIGN CRITERIA
- THEODORSEN TRANSFORMATION
- THRUST DISTRIBUTION
- VELOCITY DISTRIBUTION
- VERTICAL DISTRIBUTION
- WALL PRESSURE

PRESSURE DRAG

- GS DYNAMIC CHARACTERISTICS
 - . DRAG
 - . . **PRESSURE DRAG**
 - . . . SUPERSONIC DRAG
 - . . . WAVE DRAG
 - INTERFERENCE DRAG
- RT AERODYNAMIC DRAG
- FRICTION DRAG
- ∞ **PRESSURE DROP**
 - SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED—CONSULT THE TERMS LISTED BELOW)*
 - RT FLUID POWER
 - FRICTION
 - GAS FLOW
 - HEAD FLOW
 - INLET FLOW
 - PRESSURE DISTRIBUTION
 - PRESSURE GRADIENTS
 - PRESSURE OSCILLATIONS
 - PRESSURE REDUCTION
 - TWO PHASE FLOW

PRESSURE EFFECTS

- RT BETA FACTOR
- COMPRESSIBILITY EFFECTS
- ∞ EFFECTS
- JET BLAST EFFECTS
- LOADS (FORCES)
- NONISOTHERMAL PROCESSES
- SUCTION
- TEMPERATURE EFFECTS
- TEMPERATURE INVERSIONS
- TRANSITION PRESSURE
- VACUUM EFFECTS
- WIND EFFECTS

PRESSURE FIELDS

- USE PRESSURE DISTRIBUTION

PRESSURE GAGES

- UF BOMBS (PRESSURE GAGES)
- GS MEASURING INSTRUMENTS
- . **PRESSURE GAGES**
- . . BAROMETERS
- . . ISOTENISCOPE
- . . MANOMETERS
- . . OSMOMETERS
- . . PIEZOELECTRIC GAGES
- . . PIEZOMETERS
- . . VACUUM GAGES
- . . . IONIZATION GAGES
- . . . ALPHATRONS
- . . . BAYARD-ALPERT IONIZATION GAGES
- PENNING GAGES
- PHILIPS IONIZATION GAGES
- . . . KNUDSEN GAGES
- . . . MCLEOD GAGES
- . . . PIRANI GAGES
- RT ∞ BOMBS
- BOURDON TUBES
- FLOWMETERS
- HYPOMETERS
- SHOCK MEASURING INSTRUMENTS
- STRAIN GAGE ACCELEROMETERS
- STRAIN GAGE BALANCES
- STRAIN GAGES
- WEIGHT INDICATORS

PRESSURE GRADIENTS

- GS GRADIENTS
- . **PRESSURE GRADIENTS**
- RT ATMOSPHERIC PRESSURE
- BATHYTHERMOGRAPHS
- CRITICAL FLOW
- DIFFERENTIAL PRESSURE
- FLUID BOUNDARIES
- FLUID FLOW
- FRICTION FACTOR
- GEOPRESSURE
- HYDRODYNAMICS
- HYDROSTATICS
- INLET PRESSURE
- ISOBARS (PRESSURE)
- KNUDSEN FLOW
- LIQUID FLOW
- LIQUID-LIQUID INTERFACES
- LIQUID-VAPOR INTERFACES
- MULTIPHASE FLOW
- ORIFICE FLOW
- PIPE FLOW
- POTENTIAL GRADIENTS

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PRESSURE GRADIENTS-(CONT.)

- ∞ PRESSURE DROP
- RANKINE-HUGONIOT RELATION
- STEADY FLOW
- STEAM FLOW
- SUBCRITICAL FLOW
- SUCTION
- SUPERCRITICAL FLOW
- UNIFORM FLOW
- UNSTEADY FLOW
- VENTURI TUBES

PRESSURE HEADS

- UF HEAD (PRESSURE)
- RT CENTER OF PRESSURE
- ELEVATION
- FLUID FLOW
- ∞ HYDRAULICS
- HYDRODYNAMICS
- HYDROSTATIC PRESSURE
- HYDROSTATICS
- LIQUID FLOW

PRESSURE ICE

- UF PRESSURE RIDGES
- GS ICE
- . SEA ICE
- . . **PRESSURE ICE**
- RT COLD WEATHER
- FREEZING
- ICE FORMATION
- LOW TEMPERATURE
- OCEAN CURRENTS
- TIDES
- WIND (METEOROLOGY)
- WINTER

PRESSURE MEASUREMENT

- UF TONOMETRY
- GS MECHANICAL MEASUREMENT
- . **PRESSURE MEASUREMENT**
- RT BAROMETERS
- BOURDON TUBES
- DIFFERENTIAL PRESSURE
- FLOW MEASUREMENT
- FLOWMETERS
- IONIZATION GAGES
- KNUDSEN GAGES
- MANOMETERS
- MCLEOD GAGES
- ∞ MEASUREMENT
- NOISE METERS
- PHILIPS IONIZATION GAGES
- PIRANI GAGES
- PITOT TUBES
- PNEUMATIC PROBES
- VACUUM
- VACUUM GAGES
- VELOCITY
- VELOCITY MEASUREMENT
- VENTURI TUBES
- WEIGHT INDICATORS
- WIND TUNNEL CALIBRATION
- WIND TUNNEL TESTS

PRESSURE MODULATOR RADIOMETERS

- GS MEASURING INSTRUMENTS
- . RADIATION MEASURING INSTRUMENTS
- . . ACTINOMETERS
- . . . RADIOMETERS
- **PRESSURE MODULATOR RADIOMETERS**
- RT INFRARED RADIOMETERS

PRESSURE OSCILLATIONS

- GS OSCILLATIONS
- . **PRESSURE OSCILLATIONS**
- RT COMBUSTION STABILITY
- FLAME PROPAGATION
- ∞ PRESSURE DROP
- TURBULENT FLOW

PRESSURE PROBES

- USE PRESSURE SENSORS

PRESSURE PULSES

- GS PULSES
- . **PRESSURE PULSES**
- RT BLAST LOADS
- FLAME PROPAGATION
- SHOCK WAVES

PRESSURE RATIO

- GS RATIOS
- . **PRESSURE RATIO**

PRESSURE RATIO-(CONT.)

RT FUEL-AIR RATIO
LIFT DRAG RATIO
MASS RATIOS
PAYLOAD MASS RATIO
PROPELLANT MASS RATIO
STRESS RATIO
THRUST-WEIGHT RATIO

PRESSURE RECORDERS

GS RECORDING INSTRUMENTS
. **PRESSURE RECORDERS**

PRESSURE RECOVERY

RT ∞ DIFFUSERS
EXPLOSIVE DECOMPRESSION
FLUID AMPLIFIERS
INLET PRESSURE
∞ RECOVERY

PRESSURE REDUCTION

UF BLEED-OFF
DECOMPRESSION
DEFLATING
DEPRESSURIZATION
GS **PRESSURE REDUCTION**
. EXPLOSIVE DECOMPRESSION
RT ∞ BLEEDING
COMPRESSING
GAS EXPANSION
INFLATING
∞ PRESSURE DROP
∞ REDUCTION

PRESSURE REGULATORS

GS CONTROL EQUIPMENT
. **PRESSURE REGULATORS**
REGULATORS
. **PRESSURE REGULATORS**
VALVES
. AUTOMATIC CONTROL VALVES
. **PRESSURE REGULATORS**
RT CONTROLLERS
FLOW REGULATORS
FUEL TANK PRESSURIZATION
OXYGEN REGULATORS
PRESSURIZING
RELIEF VALVES

PRESSURE RIDGES

USE PRESSURE ICE

PRESSURE SENSORS

UF PRESSURE PROBES
PRESSURE TRANSDUCERS
GS TRANSDUCERS
. **PRESSURE SENSORS**
. . . BOURDON TUBES
RT ELECTROACOUSTIC WAVES
PIEZOELECTRIC GAGES
QUARTZ TRANSDUCERS
∞ RAKES
SHOCK WAVE GENERATORS
TRANSIENT PRESSURES
TRANSIENT RESPONSE
ULTRASONIC WAVE TRANSDUCERS

PRESSURE SUITS

GS CLOTHING
. PROTECTIVE CLOTHING
. . . **PRESSURE SUITS**
. . . SPACE SUITS
. SUITS
. . . **PRESSURE SUITS**
. . . SPACE SUITS
RT FLIGHT CLOTHING
HELMETS
INFLATABLE STRUCTURES
LIFE SUPPORT SYSTEMS
PORTABLE LIFE SUPPORT SYSTEMS
SAFETY DEVICES

PRESSURE SWITCHES

GS CONTROL EQUIPMENT
. **PRESSURE SWITCHES**
SWITCHES
. **PRESSURE SWITCHES**
RT ELECTRIC SWITCHES

PRESSURE TRANSDUCERS

USE PRESSURE SENSORS

PRESSURE VESSEL DESIGN

GS STRUCTURAL DESIGN

PRESSURE VESSEL DESIGN-(CONT.)

. **PRESSURE VESSEL DESIGN**
RT PERFORATED SHELLS
SHELLS (STRUCTURAL FORMS)

PRESSURE VESSELS

GS **PRESSURE VESSELS**
. PREBURNERS
RT ACCUMULATORS
AUTOCLAVES
BELLS
BOILERS
BULBS
∞ CONTAINERS
DOMES (STRUCTURAL FORMS)
FUEL TANK PRESSURIZATION
FUEL TANKS
HEMISPHERE CYLINDER BODIES
ISOTENSOID STRUCTURES
PROPELLANT TANKS
REACTOR MATERIALS
SHALLOW SHELL EQUATIONS
SPHERICAL TANKS
STORAGE TANKS
TANKS (CONTAINERS)
∞ VESSELS
WALL PRESSURE
WIND TUNNEL WALLS

PRESSURE WAVES

USE ELASTIC WAVES

PRESSURE WELDING

GS WELDING
. **PRESSURE WELDING**
. . . DIFFUSION WELDING
. . . EXPLOSIVE WELDING
. . . ULTRASONIC WELDING
RT ARC WELDING
ELECTRIC WELDING
FLASH WELDING
FRICTION WELDING
FUSION WELDING
GAS WELDING
SPOT WELDS

PRESSURIZED CABINS

UF PRESSURE CABINS
GS COMPARTMENTS
. **PRESSURIZED CABINS**
RT AIRCRAFT COMPARTMENTS
CABIN ATMOSPHERES
∞ CABINS
COCKPITS
EMERGENCY LIFE SUSTAINING
SYSTEMS
ENVIRONMENTAL CONTROL
ESCAPE CAPSULES
EXPLOSIVE DECOMPRESSION
LIFE SUPPORT SYSTEMS
OXYGEN SUPPLY EQUIPMENT
PRESSURE CHAMBERS
SPACECRAFT CABIN ATMOSPHERES
SPACECRAFT CABINS

PRESSURIZED WATER REACTORS

GS NUCLEAR REACTORS
. LIQUID COOLED REACTORS
. . . WATER COOLED REACTORS
. . . **PRESSURIZED WATER REACTORS**
. SPECTRAL SHIFT CONTROL
REACTOR
RT NUCLEAR POWER REACTORS

PRESSURIZING

GS **PRESSURIZING**
. FUEL TANK PRESSURIZATION
RT ACCUMULATORS
DENSIFICATION
EXPULSION
EXPULSION BLADDERS
GAS GENERATORS
GAS INJECTION
INFLATING
PRESSURE
PRESSURE REGULATORS
STIMULATION

PRESTON TUBES

USE PITOT TUBES
SPEED INDICATORS

PRESTRAINING

USE PRESTRESSING

PRESTRESSING

UF PRELOADING
PRESTRaining
PRETWISTING
GS PREPARATION
. PRETREATMENT
. . . **PRESTRESSING**
RT ELASTIC DEFORMATION
ISOTENSOID STRUCTURES
STRESSES
STRUCTURAL STRAIN

PRETESTS

USE TESTS

PRETREATMENT

GS PREPARATION
. **PRETREATMENT**
. . . **PRESTRESSING**
RT PREVENTION
∞ PRIMING

PRETWISTING

USE PRESTRESSING
TWISTING

PREVAPORIZATION

GS PHASE TRANSFORMATIONS
. VAPORIZING
. . . **PREVAPORIZATION**
RT FLASHING (VAPORIZING)
GASES
VAPOR PHASES
VAPORS
VOLATILITY

PREVENTION

GS **PREVENTION**
. ACCIDENT PREVENTION
. CORROSION PREVENTION
. FIRE PREVENTION
. ICE PREVENTION
RT BLOCKING
ETIOLOGY
∞ INHIBITION
POLLUTION
PREEMPTING
PRETREATMENT
PROTECTION
∞ REDUCTION
∞ RESISTANCE
RETARDING
SABOTAGE
SAFETY
STOPPING

PREWHIRLING

GS PREPARATION
. **PREWHIRLING**

PREWHITENING

GS PREPARATION
. **PREWHITENING**
RT COLOR
∞ TREATMENT

PRIBRAM METEORITE

GS CELESTIAL BODIES
. METEORITES
. . . STONY METEORITES
. . . CHONDRITES
. **PRIBRAM METEORITE**
RT BOLIDES
METEOR TRAILS

PRIMARY BATTERIES

SN (NON-RECHARGEABLE BATTERIES)
GS ELECTRIC GENERATORS
. DIRECT POWER GENERATORS
. . . **PRIMARY BATTERIES**
. . . ALKALINE BATTERIES
. . . DRY CELLS
. . . MAGNESIUM CELLS
. . . NICKEL ZINC BATTERIES
. . . METAL AIR BATTERIES
. . . ZINC-OXYGEN BATTERIES
. . . THERMAL BATTERIES
ELECTROCHEMICAL CELLS
. ELECTRIC BATTERIES
. . . **PRIMARY BATTERIES**
. . . DRY CELLS
. . . MAGNESIUM CELLS
. . . NICKEL ZINC BATTERIES
. . . METAL AIR BATTERIES

PRIMARY COSMIC RAYS

PRIMARY BATTERIES-(CONT.)

.... ZINC-OXYGEN BATTERIES
 SODIUM SULFUR BATTERIES
 THERMAL BATTERIES
 RT CHARGE EFFICIENCY
 ELECTROLYTES
 NONAQUEOUS ELECTROLYTES
 STORAGE BATTERIES
 WET CELLS

PRIMARY COSMIC RAYS

UF HEAVY COSMIC RAY PRIMARIES
 GS EXTRATERRESTRIAL RADIATION
 . PRIMARY COSMIC RAYS
 . . SOLAR COSMIC RAYS
 . IONIZING RADIATION
 . COSMIC RAYS
 . . PRIMARY COSMIC RAYS
 . . . SOLAR COSMIC RAYS
 PARTICLES
 . . . CORPUSCULAR RADIATION
 . . . PRIMARY COSMIC RAYS
 SOLAR COSMIC RAYS
 RT COSMIC RAY ALBEDO
 HEAVY NUCLEI
 SECONDARY COSMIC RAYS

PRIMATES

GS ANIMALS
 . VERTEBRATES
 . . MAMMALS
 . . . PRIMATES
 BABOONS
 CHIMPANZEES
 HUMAN BEINGS
 MONKEYS
 CERCOCERBUS MONKEYS
 MANGABEYS

PRIMERS

SN *(USE OF A MORE SPECIFIC TERM IS
 RECOMMENDED--CONSULT THE TERMS
 LISTED BELOW)*
 RT ENGINE PRIMERS
 PRIMERS (COATINGS)
 PRIMERS (EXPLOSIVES)

PRIMERS (COATINGS)

GS COATINGS
 . PROTECTIVE COATINGS
 . . PRIMERS (COATINGS)
 RT DOPES
 FILLERS
 FINISHES
 LACQUERS
 METAL COATINGS
 PAINTS
 PRIMERS
 SPRAYED COATINGS
 SUBSTRATES
 VARNISHES

PRIMERS (EXPLOSIVES)

GS EXPLOSIVE DEVICES
 . INITIATORS (EXPLOSIVES)
 . . PRIMERS (EXPLOSIVES)
 . IGNITERS
 . . INITIATORS (EXPLOSIVES)
 . . . PRIMERS (EXPLOSIVES)
 RT CAPS (EXPLOSIVES)
 DETONATION
 DETONATORS
 EXPLODING WIRES
 PERCUSSION
 PRIMERS
 SQUIBS

PRIMING

SN *(USE OF A MORE SPECIFIC TERM IS
 RECOMMENDED--CONSULT THE TERMS
 LISTED BELOW)*
 RT COATING
 COATINGS
 INITIATION
 PREPARATION
 PRETREATMENT
 STARTING

PRIMITIVE EARTH ATMOSPHERE

GS EARTH ATMOSPHERE
 . PRIMITIVE EARTH ATMOSPHERE
 RT ATMOSPHERES
 ATMOSPHERIC COMPOSITION
 ATMOSPHERIC ELECTRICITY
 ATMOSPHERIC MODELS

PRIMITIVE EARTH ATMOSPHERE-(CONT.)

EARTH PLANETARY STRUCTURE
 FREE ATMOSPHERE
 PLANETARY ATMOSPHERES

PRIMITIVE EQUATIONS

RT ATMOSPHERIC BOUNDARY LAYER
 CLIMATOLOGY
 EQUATIONS
 EULER EQUATIONS OF MOTION
 FLUID DYNAMICS
 MATHEMATICS

PRINCE WILLIAM SOUND (AK)

GS SOUNDS (TOPOGRAPHIC FEATURES)
 . PRINCE WILLIAM SOUND (AK)
 RT ALASKA

PRINCETON SAILWINGS

USE SAILWINGS

PRINCIPLES

SN *(USE OF A MORE SPECIFIC TERM IS
 RECOMMENDED--CONSULT THE TERMS
 LISTED BELOW)*
 RT DUALITY PRINCIPLE
 LOGIC
 MATHEMATICS

PRINTED CIRCUITS

GS CIRCUITS
 . PRINTED CIRCUITS
 . . MEDIUM SCALE INTEGRATION
 RT BREADBOARD MODELS
 CIRCUIT BOARDS
 ELECTRONIC PACKAGING
 HYBRID CIRCUITS
 INTEGRATED CIRCUITS
 MINIATURE ELECTRONIC EQUIPMENT
 MINIATURIZATION
 PHOTOMASKS
 SUBMINIATURIZATION
 THICK FILMS
 TRANSISTOR CIRCUITS

PRINTED RESISTORS

GS ATTENUATORS
 . RESISTORS
 . . PRINTED RESISTORS
 RT MINIATURIZATION

PRINTERS

GS PRINTERS
 . PRINTERS (DATA PROCESSING)
 . TELEPRINTERS
 RT CATHODE RAY TUBES
 DATA PROCESSING EQUIPMENT
 PLOTTERS
 PRINTING
 PROJECTORS
 TYPEWRITERS

PRINTERS (DATA PROCESSING)

GS DATA PROCESSING EQUIPMENT
 . AUXILIARY EQUIPMENT (COMPUTERS)
 . . PRINTERS (DATA PROCESSING)
 . PRINTERS
 . . PRINTERS (DATA PROCESSING)
 RT AUTOMATIC TYPEWRITERS
 COMPUTERS
 DISPLAY DEVICES
 PRINTOUTS
 READOUT
 TELEPRINTERS

PRINTING

GS PRINTING
 . LITHOGRAPHY
 . . PHOTOLITHOGRAPHY
 RT BINDING
 CONTRAST
 ELECTRONOGRAPHY
 ENGRAVING
 INKS
 LEGIBILITY
 PHOTOENGRAVING
 PHOTOGRAPHIC PROCESSING
 PHOTOMECHANICAL EFFECT
 PLOTTING
 PRINTERS
 READING
 REPRODUCTION (COPYING)
 STENCIL PROCESSES

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PRINTOUTS

RT FORMAT
 LISTS
 OUTPUT
 PRINTERS (DATA PROCESSING)
 READOUT
 TABLES (DATA)

PRIORITIES

RT ENGINEERING MANAGEMENT
 PROJECT PLANNING
 RESEARCH MANAGEMENT
 RESOURCE ALLOCATION
 SEQUENCING

PRISMATIC BARS

GS BARS
 . PRISMATIC BARS
 . OPTICAL EQUIPMENT
 . PRISMS
 . . PRISMATIC BARS

PRISMS

GS OPTICAL EQUIPMENT
 . PRISMS
 . . PRISMATIC BARS
 RT PHOTOELASTICITY
 REFRACTION

PRIVACY

RT COMPUTER INFORMATION SECURITY
 INFORMATION
 INFORMATION DISSEMINATION
 INTEGRITY
 PAPERS
 RECORDING
 RECORDS
 SECURITY

PRIVATE AIRCRAFT

USE GENERAL AVIATION AIRCRAFT

PROBABILITY

USE PROBABILITY THEORY

PROBABILITY DENSITY FUNCTIONS

GS FUNCTIONS (MATHEMATICS)
 . PROBABILITY DENSITY FUNCTIONS
 . . NORMAL DENSITY FUNCTIONS
 . . PEARSON DISTRIBUTIONS
 . . RAYLEIGH DISTRIBUTION
 . . WEIBULL DENSITY FUNCTIONS
 . STATISTICAL ANALYSIS
 . . PROBABILITY DENSITY FUNCTIONS
 . . . NORMAL DENSITY FUNCTIONS
 . . . PEARSON DISTRIBUTIONS
 . . . RAYLEIGH DISTRIBUTION
 . . . WEIBULL DENSITY FUNCTIONS
 RT BINOMIAL THEOREM
 CENSORED DATA (MATHEMATICS)
 CONTINUITY (MATHEMATICS)
 DISCRETE FUNCTIONS
 EVENTS
 EXPECTANCY HYPOTHESIS
 EXPONENTIAL FUNCTIONS
 FAILURE ANALYSIS
 GAS DENSITY
 MILLS RATIO
 QUANTILES

PROBABILITY DISTRIBUTION FUNCTIONS

GS FUNCTIONS (MATHEMATICS)
 . PROBABILITY DISTRIBUTION
 . . FUNCTIONS
 . . . STATISTICAL ANALYSIS
 . . . PROBABILITY DISTRIBUTION
 FUNCTIONS
 STATISTICAL DISTRIBUTIONS
 PROBABILITY DISTRIBUTION
 FUNCTIONS
 RT DISCRETE FUNCTIONS
 GOODNESS OF FIT

PROBABILITY THEORY

UF PROBABILITY
 STATISTICAL PROBABILITY
 RT APPLICATIONS OF MATHEMATICS
 BINOMIAL THEOREM
 BOREL SETS
 COMBINATORIAL ANALYSIS
 CONFIDENCE
 CONJUNCTION
 CONSECUTIVE EVENTS
 CONTINUUMS

PROBABILITY THEORY-(CONT.)

CORRELATION
 DECISION THEORY
 DISTRIBUTION FUNCTIONS
 DUFFING DIFFERENTIAL EQUATION
 EINSTEIN EQUATIONS
 ERGODIC PROCESS
 ERROR ANALYSIS
 EVENTS
 EXTREMUM VALUES
 FORECASTING
 FUZZY SYSTEMS
 GAME THEORY
 GOODNESS OF FIT
 ∞ INDICATION
 INFINITY
 INFORMATION THEORY
 ITERATION
 LIKELIHOOD RATIO
 MARTINGALES
 ∞ MATHEMATICS
 MAXWELL-BOLTZMANN DENSITY
 FUNCTION
 MINKOWSKI SPACE
 MONTE CARLO METHOD
 OPERATIONS RESEARCH
 OUTLIERS (STATISTICS)
 PARAMETER IDENTIFICATION
 POPULATION THEORY
 QUALITY CONTROL
 RANDOM ERRORS
 RANDOM NOISE
 RELIABILITY
 SAMPLING
 STATISTICAL ANALYSIS
 STATISTICAL DISTRIBUTIONS
 ∞ STATISTICS
 STIELTJES INTEGRAL
 STOCHASTIC PROCESSES
 SUBGROUPS
 SYSTEM IDENTIFICATION
 ∞ THEORIES
 TRANSITION PROBABILITIES
 TRAVELING SALESMAN PROBLEM
 UNIQUENESS THEOREM

PROBE METHOD (FORECASTING)

GS FORECASTING
 . TECHNOLOGICAL FORECASTING
 . . **PROBE METHOD (FORECASTING)**
 MANAGEMENT METHODS
 RT DELPHI METHOD (FORECASTING)
 ESTIMATING
 ∞ METHODOLOGY
 OPERATIONS RESEARCH
 PATTERN METHOD (FORECASTING)
 PLANNING
 PREDICTIONS
 PROFILE METHOD (FORECASTING)
 TECHNOLOGY ASSESSMENT

∞ PROBES

SN *(USE OF A MORE SPECIFIC TERM IS
 RECOMMENDED--CONSULT THE TERMS
 LISTED BELOW)*
 RT GALILEO PROBE
 GAS DETECTORS
 MARS 6 SPACECRAFT
 MEASURING INSTRUMENTS .
 PIONEER VENUS SPACECRAFT
 PIONEER VENUS 1 SPACECRAFT
 PIONEER VENUS 2 DAY PROBE
 PIONEER VENUS 2 ENTRY PROBES
 PIONEER VENUS 2 NIGHT PROBE
 PIONEER VENUS 2 NORTH PROBE
 PIONEER VENUS 2 SPACECRAFT
 PIONEER VENUS 2 TRANSPORTER BUS
 PIONEER 8 SPACE PROBE
 PIONEER 9 SPACE PROBE
 PIONEER 10 SPACE PROBE
 PIONEER 11 SPACE PROBE
 RADIO PROBING
 REMOTE SENSORS
 SONDES
 SPACE PROBES
 TRANSDUCERS

PROBLEM SOLVING

GS **PROBLEM SOLVING**
 . ASYMPTOTIC METHODS
 . ITERATIVE SOLUTION
 . THEOREM PROVING
 RT APPROXIMATION
 DECISION MAKING

PROBLEM SOLVING-(CONT.)

EXISTENCE THEOREMS
 GROUP DYNAMICS
 HOUSEHOLDER TRANSFORMATIONS
 ITERATION
 LEARNING THEORY
 MANAGEMENT
 MAZE LEARNING
 ∞ METHODOLOGY
 SIMPLEX METHOD
 ∞ SOLUTION

∞ PROBLEMS

SN *(USE OF A MORE SPECIFIC TERM IS
 RECOMMENDED--CONSULT THE TERMS
 LISTED BELOW)*
 RT BOLZA PROBLEMS
 BOUNDARY VALUE PROBLEMS
 CAUCHY PROBLEM
 CHAPMAN-FERRARO PROBLEM
 DIRICHLET PROBLEM
 FOUR BODY PROBLEM
 ISOPERIMETRIC PROBLEM
 MANY BODY PROBLEM
 MAYER PROBLEM
 NEUMANN PROBLEM
 OPERATIONAL PROBLEMS
 POINCARÉ PROBLEM
 PRELAUNCH PROBLEMS
 THREE BODY PROBLEM
 TRACKING PROBLEM
 TRAVELING SALESMAN PROBLEM
 TWO BODY PROBLEM

PROCEDURES

UF METHODS
 PRACTICES
 GS **PROCEDURES**
 . BOUNDARY INTEGRAL METHOD
 . CREW PROCEDURES (INFLIGHT)
 . CREW PROCEDURES (PREFLIGHT)
 . FINITE ELEMENT METHOD
 . FINITE VOLUME METHOD
 . GLIMM METHOD
 . OPTICAL CORRECTION PROCEDURE
 . PANEL METHOD (FLUID DYNAMICS)
 RT PROCUREMENT POLICY
 SYSTEMS ANALYSIS

PROCEEDINGS

GS DOCUMENTS
 . **PROCEEDINGS**
 LITERATURE
 RT **PROCEEDINGS**
 CONFERENCES
 DOCUMENTATION
 PAPERS -
 REPORTS

PROCESS CONTROL (INDUSTRY)

RT COMPONENT RELIABILITY
 PRODUCT DEVELOPMENT
 QUALITY CONTROL
 SAMPLING
 SPECIFICATIONS

PROCESS HEAT

GS HEAT
 . **PROCESS HEAT**
 RT HEAT GENERATION

∞ PROCESSES

SN *(USE OF A MORE SPECIFIC TERM IS
 RECOMMENDED--CONSULT THE TERMS
 LISTED BELOW)*
 RT AUTOREGRESSIVE PROCESSES
 ISENTROPIC PROCESSES
 JET MEMBRANE PROCESS
 KRAFT PROCESS (WOODPULP)
 NONISENTROPICITY
 NONISOTHERMAL PROCESSES
 ORNSTEIN-UHLENBECK PROCESS
 PRODUCT DEVELOPMENT
 QUALITY CONTROL
 SOL-GEL PROCESSES
 SPACE INDUSTRIALIZATION
 UMKLAPP PROCESS

∞ PROCESSING

SN *(USE OF A MORE SPECIFIC TERM IS
 RECOMMENDED--CONSULT THE TERMS
 LISTED BELOW)*
 RT ASSOCIATIVE PROCESSING
 (COMPUTERS)
 BATCH PROCESSING

PROCESSING-(CONT.)

DATA PROCESSING
 FOOD PROCESSING
 IMAGE PROCESSING
 MANUFACTURING
 MATERIALS RECOVERY
 MESSAGE PROCESSING
 NUCLEAR FUEL REPROCESSING
 OPTICAL DATA PROCESSING
 PHOTOGRAPHIC PROCESSING
 PRODUCTION ENGINEERING
 RECYCLING
 REFINING
 RETORT PROCESSING
 SETTLING
 SIGNAL PROCESSING
 WET SPINNING

PROCESSORS (COMPUTERS)

USE CENTRAL PROCESSING UNITS

PROCUREMENT

GS **PROCUREMENT**
 . GOVERNMENT PROCUREMENT
 . LEASING
 RT CONTRACTS
 EQUIPMENT SPECIFICATIONS
 GOVERNMENT/INDUSTRY RELATIONS
 ∞ RECEIVING
 SERVICES
 SPECIFICATIONS
 SUBCONTRACTS

PROCUREMENT MANAGEMENT

GS MANAGEMENT
 . **PROCUREMENT MANAGEMENT**
 RT ALLOCATIONS
 BUDGETING
 ∞ BUDGETS
 COMMODITIES
 FEDERAL BUDGETS
 FINANCIAL MANAGEMENT
 INVENTORY MANAGEMENT
 PRODUCTS
 SERVICES

PROCUREMENT POLICY

GS POLICIES
 . **PROCUREMENT POLICY**
 RT DECISIONS
 MANAGEMENT
 PROCEDURES
 REGULATIONS
 RULES

PRODUCT DEVELOPMENT

UF ENGINEERING DEVELOPMENT
 GS **PRODUCT DEVELOPMENT**
 . WEAPONS DEVELOPMENT
 RT AIRCRAFT DESIGN
 AIRCRAFT PRODUCTION
 AMPLIFIER DESIGN
 ANTENNA DESIGN
 BREADBOARD MODELS
 COMMERCE
 COMPUTER DESIGN
 CONSUMERS
 ∞ DESIGN
 ∞ DEVELOPMENT
 ENGINE DESIGN
 FUNCTIONAL DESIGN SPECIFICATIONS
 HELICOPTER DESIGN
 INVENTIONS
 LENS DESIGN .
 MANAGEMENT
 MARKET RESEARCH
 MARKETING
 PATENT APPLICATIONS
 PATENT POLICY
 PILOT PLANTS
 PROCESS CONTROL (INDUSTRY)
 ∞ PROCESSES
 ∞ PRODUCTION
 PRODUCTION ENGINEERING
 QUALITY
 QUALITY CONTROL
 REACTOR DESIGN
 RELIABILITY
 SATELLITE DESIGN
 SOLVENT REFINED COAL
 SPACE INDUSTRIALIZATION
 SPACECRAFT DESIGN
 STANDARDIZATION
 STRUCTURAL DESIGN

PRODUCTION

∞ PRODUCTION
 SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)*
 RT AIRCRAFT PRODUCTION
 FUEL PRODUCTION
 OUTPUT
 PRODUCT DEVELOPMENT
 PRODUCTION ENGINEERING
 PRODUCTION PLANNING
 RESERVES
 TOOLS

PRODUCTION COSTS
 RT COST ANALYSIS
 COST ESTIMATES
 DESIGN TO COST
 LIFE CYCLE COSTS
 OPERATING COSTS

PRODUCTION ENGINEERING
 UF PRODUCTION METHODS
 GS **PRODUCTION ENGINEERING**
 . PRODUCTION PLANNING
 RT AIRCRAFT PRODUCTION
 AIRCRAFT PRODUCTION COSTS
 AIRPLANE PRODUCTION COSTS
 ∞ CAPACITY
 ∞ ENGINEERING
 HUMAN FACTORS ENGINEERING
 LASER APPLICATIONS
 MANAGEMENT
 NUMERICAL CONTROL
 ∞ OPERATIONS
 PLANNING
 ∞ PROCESSING
 PRODUCT DEVELOPMENT
 ∞ PRODUCTION
 PRODUCTIVITY
 PRODUCTS
 SCHEDULING
 STANDARDIZATION

PRODUCTION MANAGEMENT
 GS MANAGEMENT
 . **PRODUCTION MANAGEMENT**
 RT AIRCRAFT PRODUCTION COSTS
 EMPLOYEE RELATIONS
 ESTIMATES
 FABRICATION
 INDUSTRIAL MANAGEMENT
 MANUFACTURING
 QUALITY CONTROL
 RELIABILITY
 RESOURCES
 SAFETY MANAGEMENT

PRODUCTION METHODS
 USE PRODUCTION ENGINEERING

PRODUCTION PLANNING
 GS PLANNING
 . MANAGEMENT PLANNING
 . **PRODUCTION PLANNING**
 PRODUCTION ENGINEERING
 . **PRODUCTION PLANNING**
 RT SCHEDULES

PRODUCTIVITY
 RT AIRCRAFT PRODUCTION COSTS
 ALLOWANCES
 EFFICIENCY
 MATRIX MANAGEMENT
 MORALE
 PRODUCTION ENGINEERING
 RELIABILITY

PRODUCTS
 GS **PRODUCTS**
 . GROSS NATIONAL PRODUCT
 . PETROLEUM PRODUCTS
 . ASPHALT
 . GREASES
 . TARS
 . REACTION PRODUCTS
 RT BY-PRODUCTS
 COMBUSTION PRODUCTS
 COMMODITIES
 FISSION PRODUCTS
 MANUFACTURING
 OUTPUT
 PROCUREMENT MANAGEMENT
 PRODUCTION ENGINEERING
 QUALITY CONTROL
 RESOURCE ALLOCATION

PRODUCTS-(CONT.)

SERVICES
 SPACE INDUSTRIALIZATION

PROFICIENCY
 USE ABILITIES

PROFILE METHOD (FORECASTING)
 GS FORECASTING
 . TECHNOLOGICAL FORECASTING
 . **PROFILE METHOD (FORECASTING)**
 MANAGEMENT METHODS
 . **PROFILE METHOD (FORECASTING)**
 RT DELPHI METHOD (FORECASTING)
 ESTIMATING
 ∞ METHODOLOGY
 OPERATIONS RESEARCH
 PLANNING
 PREDICTIONS
 PROBE METHOD (FORECASTING)
 TECHNOLOGY ASSESSMENT

∞ PROFILES
 SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)*
 RT AIRFOIL PROFILES
 ANGLES (GEOMETRY)
 CURVATURE
 DELINEATION
 DISTRIBUTION (PROPERTY)
 GEOMETRY
 GRADIENTS
 LINE SHAPE
 PLANFORMS
 PROFILOMETERS
 SEARCH PROFILES
 SHAPES
 SHOCK WAVE PROFILES
 SLOPES
 STREAMLINING
 TOPOGRAPHY
 WIND PROFILES

PROFILOMETERS
 GS MEASURING INSTRUMENTS
 . **PROFILOMETERS**
 RT ∞ PROFILES
 ROUGHNESS
 SHAPES
 SURFACE PROPERTIES
 SURFACE ROUGHNESS

PROGENY
 RT CHILDREN
 REPRODUCTION (BIOLOGY)

PROGNOSIS
 RT DIAGNOSIS

PROGNOZ SATELLITES
 GS SATELLITES
 . ARTIFICIAL SATELLITES
 . **PROGNOZ SATELLITES**
 . EARTH SATELLITES
 . **PROGNOZ SATELLITES**
 SOVIET SPACECRAFT
 . **PROGNOZ SATELLITES**

PROGRAM MANAGEMENT
 USE PROJECT MANAGEMENT

PROGRAM TREND LINE ANALYSIS
 RT CRITICAL PATH METHOD
 MANAGEMENT PLANNING
 PERT
 PROGRAMS
 PROJECT MANAGEMENT

PROGRAM VERIFICATION (COMPUTERS)
 RT CHECKOUT
 COMPUTER PROGRAMMING
 FILE MAINTENANCE (COMPUTERS)
 PROVING
 SYSTEMS ANALYSIS
 ∞ TESTS

PROGRAMMED INSTRUCTION
 GS **PROGRAMMED INSTRUCTION**
 . COMPUTER ASSISTED INSTRUCTION
 RT COMPILERS
 COMPUTER PROGRAMMING
 COMPUTER PROGRAMS

NASA THESAURUS (VOLUME 1)

PROGRAMMERS

GS PERSONNEL
 . **PROGRAMMERS**
 RT CODERS
 COMPUTER PROGRAMMING
 FILE MAINTENANCE (COMPUTERS)

∞ PROGRAMMING

SN *(USE OF A MORE SPECIFIC TERMS IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)*
 RT COGO (PROGRAMMING LANGUAGE)
 COMPUTER PROGRAMMING
 DYNAMIC PROGRAMMING
 FILE MAINTENANCE (COMPUTERS)
 LINEAR PROGRAMMING
 MATHEMATICAL PROGRAMMING
 MICROPROGRAMMING
 MULTIPROGRAMMING
 NONLINEAR PROGRAMMING
 QUADRATIC PROGRAMMING

PROGRAMMING (SCHEDULING)

GS **PROGRAMMING (SCHEDULING)**
 . THRUST PROGRAMMING
 RT CRITICAL PATH METHOD
 ∞ STEPS

PROGRAMMING LANGUAGES

GS LANGUAGES
 . **PROGRAMMING LANGUAGES**
 . ASSEMBLY LANGUAGE
 . . AUTOCODERS
 . . COMPASS (PROGRAMMING LANGUAGE)
 . . MAP (PROGRAMMING LANGUAGE)
 . . BASIC (PROGRAMMING LANGUAGE)
 . . COBOL
 . . COGO (PROGRAMMING LANGUAGE)
 . . CONTEXT FREE LANGUAGES
 . . FORTRAN
 . . HAL/S (LANGUAGE)
 . . HIGH LEVEL LANGUAGES
 . . LISP (PROGRAMMING LANGUAGE)
 . . MACHINE ORIENTED LANGUAGES
 . . MARVS (PROGRAMMING LANGUAGE)
 . . SLEUTH (PROGRAMMING LANGUAGE)
 . . NATURAL LANGUAGE (COMPUTERS)
 . . PASCAL (PROGRAMMING LANGUAGE)
 . . PL/1
 RT COMPUTER PROGRAMMING

PROGRAMS

GS **PROGRAMS**
 . ACCORDION PROJECT
 . ARMY-NAVY INSTRUMENTATION PROGRAM
 . COMSAT PROGRAM
 . DEFENSE PROGRAM
 . DOWNRANGE ANTIMISSILE MEASUREMENT PROGRAM
 . GULLIVER PROGRAM
 . MACHINE-INDEPENDENT PROGRAMS
 . NASA PROGRAMS
 . APOLLO APPLICATIONS PROGRAM
 . APOLLO PROJECT
 . ASSESS PROGRAM
 . ATLIT PROJECT
 . BIOASTRONAUTICAL ORBITAL SPACE SYSTEM
 . CENTAUR PROJECT
 . EARTH & OCEAN PHYSICS APPLICATIONS PROGRAM
 . EARTH RESOURCES PROGRAM
 . . SEASAT PROGRAM
 . EARTH RESOURCES SURVEY PROGRAM
 . . SEASAT PROGRAM
 . ECHO PROJECT
 . GALILEO PROJECT
 . GEMINI PROJECT
 . GLOBAL ATMOSPHERIC RESEARCH PROGRAM
 . . GARP ATLANTIC TROPICAL EXPERIMENT
 . . HELIOS PROJECT
 . . JUPITER PROJECT
 . . MARINER PROGRAM
 . . MARS 69 PROJECT
 . . MARS 71 PROJECT
 . . MERCURY PROJECT
 . . NATIONAL LAUNCH VEHICLE PROGRAM

PROGRAMS-(CONT.)

.. NEW MOONS PROJECT
 .. NIMBUS PROJECT
 .. QUIET ENGINE PROGRAM
 .. RANGER PROJECT
 .. . AGENA B RANGER PROGRAM
 .. ROVER PROJECT
 .. SAIL PROJECT
 .. SATURN PROJECT
 .. SCOUT PROJECT
 .. SKYLAB PROGRAM
 .. SUPERSONIC CRUISE AIRCRAFT
 RESEARCH
 .. SURVEYOR PROJECT
 .. SYNCHRONOUS COMMUNICATIONS
 SATELLITE PROJ
 .. TACT PROGRAM
 .. TEKITE PROJECT
 .. TERMINAL CONFIGURED VEHICLE
 PROGRAM
 .. TILT ROTOR RESEARCH AIRCRAFT
 PROGRAM
 .. TIROS PROJECT
 .. TITAN PROJECT
 .. VANGUARD PROJECT
 .. PANT PROGRAM
 .. PROJECTS
 .. ADVENT PROJECT
 .. AGRISTARS PROJECT
 .. ALARM PROJECT
 .. APOLLO PROJECT
 .. APOLLO SOYUZ TEST PROJECT
 .. ARGUS PROJECT
 .. ASSET PROJECT
 .. ATLIT PROJECT
 .. BABY PROJECT
 .. BEAGLE PROJECT
 .. BIG SHOT PROJECT
 .. BIOS PROJECT
 .. BUMBLEBEE PROJECT
 .. CENTAUR PROJECT
 .. DEFENDER PROJECT
 .. EARTH & OCEAN PHYSICS
 APPLICATIONS PROGRAM
 .. ECHO PROJECT
 .. ECLIPSE PROJECT
 .. EXPERIMENTAL REFLECTOR ORBITAL
 SHOT PROJ
 .. GALILEO PROJECT
 .. GEMINI PROJECT
 .. GEOSARI PROJECT
 .. HARVARD RADIO METEOR PROJECT
 .. HEIOS PROJECT
 .. JUPITER PROJECT
 .. MARS 69 PROJECT
 .. MARS 71 PROJECT
 .. MERCURY PROJECT
 .. NEW MOONS PROJECT
 .. NIKE PROJECT
 .. NIMBUS PROJECT
 .. ORBITER PROJECT
 .. PIONEER PROJECT
 .. PROJECT SETI
 .. RADIO ATTENUATION MEASUREMENT
 PROJECT
 .. RAND PROJECT
 .. RANGER PROJECT
 .. . AGENA B RANGER PROGRAM
 .. ROVER PROJECT
 .. SAIL PROJECT
 .. SATURN PROJECT
 .. SCANNER PROJECT
 .. SCOUT PROJECT
 .. SEAFARER PROJECT
 .. SQUID PROJECT
 .. SUBMARINE INTEGRATED CONTROL
 PROJECT
 .. SUCCESS PROJECT
 .. SURVEYOR PROJECT
 .. SYNCHRONOUS COMMUNICATIONS
 SATELLITE PROJ
 .. TELSTAR PROJECT
 .. THEMIS PROJECT
 .. TIROS PROJECT
 .. TITAN PROJECT
 .. VANGUARD PROJECT
 .. VOYAGER PROJECT
 .. WEST FORD PROJECT
 .. WHIRLWIND PROJECT
 .. RADAR TARGET SCATTER SITE
 PROGRAM
 .. SOURCE PROGRAMS
 .. SPACE PROGRAMS
 .. CANADIAN SPACE PROGRAMS
 .. CHINESE SPACE PROGRAMS
 .. EUROPEAN SPACE PROGRAMS

PROGRAMS-(CONT.)

.. FRENCH SPACE PROGRAMS
 .. GEOGRAPHIC APPLICATIONS
 PROGRAM
 .. INDIAN SPACE PROGRAM
 .. JAPANESE SPACE PROGRAM
 .. JUPITER PROJECT
 .. LUNAR PROGRAMS
 .. APOLLO PROJECT
 .. SURVEYOR PROJECT
 .. TEKITE PROJECT
 .. U.S.S.R. SPACE PROGRAM
 .. STARSITE PROGRAM
 .. TRAP PROGRAM
 .. UNIVERSITY PROGRAM
 RT BUREAUS (ORGANIZATIONS)
 COMMITTEE ON SPACE RESEARCH
 COMPUTER PROGRAM INTEGRITY
 COMPUTER PROGRAMS
 EARTH RESOURCES INFORMATION
 SYSTEM
 INVESTIGATION
 MISSION PLANNING
 ∞ MISSIONS
 ∞ OPERATIONS
 PROGRAM TREND LINE ANALYSIS
 RESEARCH AND DEVELOPMENT
 ∞ RESEARCH PROJECTS
 SEASAT SATELLITES
 SEASAT-A SATELLITE
 SEASAT-B SATELLITE
 SOLAR MAXIMUM MISSION
 SYNCHRONOUS EARTH OBSERVATORY
 SATELLITE
 USER MANUALS (COMPUTER
 PROGRAMS)

PROGRESS

RT ECONOMICS
 MANAGEMENT
 PLANNING
 ∞ PROPERTIES

PROGRESSIONS

GS ANALYSIS (MATHEMATICS)
 . CALCULUS
 . . SERIES (MATHEMATICS)
 . . . PROGRESSIONS
 . . . REAL VARIABLES
 . . . SERIES (MATHEMATICS)
 . . . PROGRESSIONS

PROHIBITION

RT LEGAL LIABILITY
 PENALTIES
 POLICIES
 REGULATIONS

PROJECT MANAGEMENT

UF PROGRAM MANAGEMENT
 GS MANAGEMENT
 . PROJECT MANAGEMENT
 RT COMMERCE
 CONTRACT MANAGEMENT
 CRITICAL PATH METHOD
 GERT
 INTERFACES
 MANAGEMENT PLANNING
 MANAGEMENT SYSTEMS
 MISSION PLANNING
 PERT
 PROGRAM TREND LINE ANALYSIS
 RESEARCH AND DEVELOPMENT
 ∞ RESEARCH PROJECTS
 WEAPON SYSTEM MANAGEMENT

PROJECT PLANNING

GS PLANNING
 . MANAGEMENT PLANNING
 . . PROJECT PLANNING
 RT ALLOCATIONS
 BUDGETING
 DECISIONS
 ESTIMATES
 FORECASTING
 GOALS
 MANAGEMENT
 MATRIX MANAGEMENT
 ∞ MISSIONS
 NASA INTERACTIVE PLANNING SYSTEM
 OPERATIONS RESEARCH
 PRIORITIES

PROJECT SETI

UF SEARCH FOR EXTRATERRESTRIAL
 INTELLIGENCE
 SETI
 GS PROGRAMS
 . PROJECTS
 . . PROJECT SETI
 RT EXTRATERRESTRIAL INTELLIGENCE
 RADIO COMMUNICATION
 RADIO SIGNALS

PROJECTILE CRATERING

UF HYPERVELOCITY CRATERING
 GS CRATERING
 . PROJECTILE CRATERING
 RT EJECTA
 HYPERVELOCITY IMPACT
 HYPERVELOCITY PROJECTILES
 METEORITE CRATERS
 METEORITIC DAMAGE
 METEOROID HAZARDS

PROJECTILE PENETRATION

USE TERMINAL BALLISTICS

PROJECTILES

GS PROJECTILES
 . HYPERVELOCITY PROJECTILES
 . PRECISION GUIDED PROJECTILES
 . SABOT PROJECTILES
 RT AMMUNITION
 BALLISTICS
 BOMBS (ORDNANCE)
 CARTRIDGES
 FINNED BODIES
 GUNFIRE
 GUNS (ORDNANCE)
 INCENDIARY AMMUNITION
 NUCLEAR WEAPONS
 PYROTECHNICS
 SHAPED CHARGES
 SHRAPNEL
 TERMINAL BALLISTICS
 TERRADYNAMICS
 WARHEADS
 WEAPONS

∞ PROJECTION

SN (USE OF A MORE SPECIFIC TERM IS
 RECOMMENDED—CONSULT THE TERMS
 LISTED BELOW)
 RT BONNE PROJECTION
 DESCRIPTIVE GEOMETRY
 DRAWINGS
 FORECASTING
 GNOMONIC PROJECTION
 GRAPHIC ARTS
 ILLUMINATING
 MAGNIFICATION
 PREDICTIONS
 PROJECTORS
 TRENDS

PROJECTIVE GEOMETRY

GS GEOMETRY
 . EUCLIDEAN GEOMETRY
 . . PROJECTIVE GEOMETRY
 . . . MERCATOR PROJECTION
 RT ANALYTIC GEOMETRY
 DESCRIPTIVE GEOMETRY
 GNOMONIC PROJECTION
 RECIPROCAL THEOREMS

PROJECTORS

SN (LIGHT AND IMAGE)
 RT BEACONS
 ILLUMINATING
 LUMINAIRES
 MOTION PICTURES
 PHOTOGRAMMETRY
 PHOTOGRAPHIC EQUIPMENT
 PHOTOGRAPHY
 PRINTERS
 ∞ PROJECTION
 SEARCHLIGHTS

PROJECTS

GS PROGRAMS
 . PROJECTS
 . . ADVENT PROJECT
 . . AGRISTARS PROJECT
 . . ALARM PROJECT
 . . APOLLO PROJECT
 . . APOLLO SOYUZ TEST PROJECT
 . . ARGUS PROJECT

PROLATE SPHEROIDS

PROJECTS-(CONT.)

- . . . ASSET PROJECT
- . . . ATUT PROJECT
- . . . BABY PROJECT
- . . . BEAGLE PROJECT
- . . . BIG SHOT PROJECT
- . . . BIOS PROJECT
- . . . BUMBLEBEE PROJECT
- . . . CENTAUR PROJECT
- . . . DEFENDER PROJECT
- . . . EARTH & OCEAN PHYSICS APPLICATIONS PROGRAM
- . . . ECHO PROJECT
- . . . ECLIPSE PROJECT
- . . . EXPERIMENTAL REFLECTOR ORBITAL SHOT PROJ
- . . . GALILEO PROJECT
- . . . GEMINI PROJECT
- . . . GEOSARI PROJECT
- . . . HARVARD RADIO METEOR PROJECT
- . . . HELOS PROJECT
- . . . JUPITER PROJECT
- . . . MARS 69 PROJECT
- . . . MARS 71 PROJECT
- . . . MERCURY PROJECT
- . . . NEW MOONS PROJECT
- . . . NIKE PROJECT
- . . . NIMBUS PROJECT
- . . . ORBITER PROJECT
- . . . PIONEER PROJECT
- . . . PROJECT SETI
- . . . RADIO ATTENUATION MEASUREMENT PROJECT
- . . . RAND PROJECT
- . . . RANGER PROJECT
- . . . AGENA B RANGER PROGRAM
- . . . ROVER PROJECT
- . . . SAIL PROJECT
- . . . SATURN PROJECT
- . . . SCANNER PROJECT
- . . . SCOUT PROJECT
- . . . SEAFARER PROJECT
- . . . SQUID PROJECT
- . . . SUBMARINE INTEGRATED CONTROL PROJECT
- . . . SUCCESS PROJECT
- . . . SURVEYOR PROJECT
- . . . SYNCHRONOUS COMMUNICATIONS SATELLITE PROJ
- . . . TELSTAR PROJECT
- . . . THEMIS PROJECT
- . . . TIROS PROJECT
- . . . TITAN PROJECT
- . . . VANGUARD PROJECT
- . . . VOYAGER PROJECT
- . . . WEST FORD PROJECT
- . . . WHIRLWIND PROJECT
- RT BUREAUS (ORGANIZATIONS)
- CONTRACTS
- ESTIMATING
- ∞ MISSIONS
- ∞ OPERATIONS
- ∞ RESEARCH PROJECTS
- TASKS
- TEAMS

PROLATE SPHEROIDS

- GS GEOMETRY
- . . . EUCLIDEAN GEOMETRY
- . . . ANALYTIC GEOMETRY
- . . . SPHEROIDS
- **PROLATE SPHEROIDS**
- RT OBLATE SPHEROIDS

PROLATENESS

- RT SHAPES

PROLONGATION

- GS EXTENSIONS
- . . . **PROLONGATION**
- RT TIME

PROMETHAZINE

- GS AMINES
- . . . **PROMETHAZINE**
- DRUGS
- . . . ANTIHISTAMINICS
- . . . **PROMETHAZINE**
- HETEROCYCLIC COMPOUNDS
- . . . **PROMETHAZINE**

PROMETHIUM

- GS CHEMICAL ELEMENTS
- . . . RARE EARTH ELEMENTS
- . . . **PROMETHIUM**

PROMETHIUM-(CONT.)

- PROMETHIUM ISOTOPEs
- METALS
- . . . RARE EARTH ELEMENTS
- . . . **PROMETHIUM**
- PROMETHIUM ISOTOPEs

PROMETHIUM ISOTOPEs

- UF PROMETHIUM 146
- GS CHEMICAL ELEMENTS
- . . . NUCLIDES
- . . . ISOTOPEs
- **PROMETHIUM ISOTOPEs**
- . . . RARE EARTH ELEMENTS
- . . . **PROMETHIUM**
- **PROMETHIUM ISOTOPEs**
- METALS
- . . . RARE EARTH ELEMENTS
- . . . **PROMETHIUM**
- **PROMETHIUM ISOTOPEs**

PROMETHIUM 146

- USE PROMETHIUM ISOTOPEs

PROMINENCES

- GS **PROMINENCES**
- . . . SOLAR PROMINENCES
- RT SOLAR ACTIVITY

PROMOTION

- RT DISPLAY DEVICES
- INCREASING
- PUBLIC RELATIONS
- UPGRADING

PRONE POSITION

- RT REST
- SITTING POSITION
- SUPINE POSITION

PRONY SERIES

- GS ANALYSIS (MATHEMATICS)
- . . . CALCULUS
- . . . SERIES (MATHEMATICS)
- **PRONY SERIES**
- . . . REAL VARIABLES
- . . . SERIES (MATHEMATICS)
- **PRONY SERIES**

PROOFS

- USE PROVING

PROP-FAN TECHNOLOGY

- RT PROPELLER BLADES
- PROPELLER EFFICIENCY
- PROPELLER FANS
- TURBOPROP ENGINES

∞ PROPAGATION

- SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED-CONSULT THE TERMS LISTED BELOW)*

- UF PROPAGATORS
- RT ACOUSTIC PROPAGATION
- ATTENUATION
- CRACK PROPAGATION
- DIFFRACTION PROPAGATION
- DIFFUSION
- ELECTROMAGNETIC RADIATION
- FLAME PROPAGATION
- PROPAGATION (EXTENSION)
- SELF PROPAGATION
- STRESS PROPAGATION
- TRANSEQUATORIAL PROPAGATION
- TRANSMISSION
- WAVE PROPAGATION

PROPAGATION (EXTENSION)

- GS **PROPAGATION (EXTENSION)**
- . . . CRACK PROPAGATION
- . . . FLAME PROPAGATION
- RT ∞ PROPAGATION

PROPAGATION MODES

- GS MODES
- . . . **PROPAGATION MODES**
- RT ELECTROMAGNETIC SURFACE WAVES
- MODE TRANSFORMERS
- MULTIMODE RESONATORS
- PROPAGATION VELOCITY
- SHOCK WAVE INTERACTION
- WAVE INTERACTION
- WAVE PROPAGATION
- WAVEGUIDES

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PROPAGATION VELOCITY

- GS RATES (PER TIME)
- . . . **PROPAGATION VELOCITY**
- VELOCITY
- . . . **PROPAGATION VELOCITY**
- RT ELECTROMAGNETIC RADIATION
- GROUP VELOCITY
- PHASE VELOCITY
- PROPAGATION MODES
- WAVE PROPAGATION

PROPAGATORS

- USE PROPAGATION

PROPANE

- GS ALIPHATIC COMPOUNDS
- . . . ALKANES
- **PROPANE**
- HYDROCARBONS
- . . . ALKANES
- **PROPANE**
- RT CYCLOPROPANE
- HYDROCARBON FUELS
- NITROPROPANE

PROPARGYL GROUPS

- GS ORGANIC COMPOUNDS
- . . . **PROPARGYL GROUPS**
- RT ETHERS
- GETTERS
- PHENYLS

∞ PROPELLANT ACTUATED DEVICES

- SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED-CONSULT THE TERMS LISTED BELOW)*
- RT EJECTION SEATS
- EXPLOSIVE DEVICES
- PROPELLANT ACTUATED INSTRUMENTS
- ROCKET ENGINES

PROPELLANT ACTUATED INSTRUMENTS

- RT ACTUATORS
- CONTROLLERS
- ∞ INSTRUMENTS
- MEASURING INSTRUMENTS
- ∞ PROPELLANT ACTUATED DEVICES

PROPELLANT ADDITIVES

- GS ADDITIVES
- . . . **PROPELLANT ADDITIVES**
- . . . PROPELLANT BINDERS
- SOLID ROCKET BINDERS
- RT ANTIICING ADDITIVES
- ANTIOXIDANTS
- CATALYSTS
- COMPOSITE PROPELLANTS
- CORROSION PREVENTION
- GELLED PROPELLANTS
- INHIBITORS
- PLASTICIZERS
- STORABLE PROPELLANTS

PROPELLANT BINDERS

- GS ADDITIVES
- . . . PROPELLANT ADDITIVES
- . . . **PROPELLANT BINDERS**
- SOLID ROCKET BINDERS
- BINDERS (MATERIALS)
- . . . **PROPELLANT BINDERS**
- . . . SOLID ROCKET BINDERS
- RT COMPOSITE PROPELLANTS
- ROCKET PROPELLANTS
- SOLID PROPELLANTS

PROPELLANT CASTING

- GS CASTINGS
- . . . **PROPELLANT CASTING**
- FORMING TECHNIQUES
- . . . CASTING
- . . . **PROPELLANT CASTING**

PROPELLANT CHEMISTRY

- RT ∞ CHEMISTRY
- SOLID PROPELLANT COMBUSTION
- THERMOCHEMISTRY

PROPELLANT COMBUSTION

- GS COMBUSTION
- . . . **PROPELLANT COMBUSTION**
- . . . SOLID PROPELLANT COMBUSTION
- SOLID PROPELLANT IGNITION
- RT AXIAL MODES
- COMBUSTION EFFICIENCY

PROPELLANT COMBUSTION-(CONT.)

COMBUSTION STABILITY
EROSIVE BURNING
FUEL COMBUSTION
HYDROCARBON COMBUSTION
IGNITION
METAL COMBUSTION
VELOCITY COUPLING

PROPELLANT DECOMPOSITION

GS DECOMPOSITION
RT **PROPELLANT DECOMPOSITION**
ENDOTHERMIC FUELS
FUEL CORROSION
INHIBITORS
MONOPROPELLANTS
STORABLE PROPELLANTS

PROPELLANT EVAPORATION

GS PHASE TRANSFORMATIONS
VAPORIZING
EVAPORATION
RT **PROPELLANT EVAPORATION**
EVAPORATIVE COOLING
STORABLE PROPELLANTS

PROPELLANT EXPLOSIONS

RT DETONATION
IMPLOSIONS
ROCKET ENGINES

PROPELLANT GRAINS

RT BURNING RATE
GRAINS
SOLID PROPELLANTS
SOLID ROCKET PROPELLANTS

PROPELLANT MASS RATIO

GS RATIOS
MASS RATIOS
RT **PROPELLANT MASS RATIO**
PAYLOAD MASS RATIO
PRESSURE RATIO
PROPULSION SYSTEM PERFORMANCE
PROPULSIVE EFFICIENCY
SPECIFIC IMPULSE
STAGE SEPARATION

PROPELLANT OXIDIZERS

USE ROCKET OXIDIZERS

PROPELLANT PROPERTIES

GS **PROPELLANT PROPERTIES**
PROPELLANT SENSITIVITY
PROPELLANT STORABILITY
RT CHEMICAL PROPERTIES
ELASTIC PROPERTIES
MECHANICAL PROPERTIES
PHYSICAL PROPERTIES
PROPERTIES
THERMODYNAMIC PROPERTIES

PROPELLANT SENSITIVITY

GS PROPELLANT PROPERTIES
PROPELLANT SENSITIVITY
SENSITIVITY
RT **PROPELLANT SENSITIVITY**
IGNITION TEMPERATURE
IMPACT RESISTANCE
SHOCK RESISTANCE
SPONTANEOUS COMBUSTION
STORABLE PROPELLANTS

PROPELLANT SPRAYS

RT FUEL INJECTION
FUEL SPRAYS
LIQUID INJECTION
LIQUID ROCKET PROPELLANTS
SPRAYERS

PROPELLANT STORABILITY

GS PROPELLANT PROPERTIES
PROPELLANT STORABILITY
RT FUEL CORROSION
INHIBITORS
STORABLE PROPELLANTS

PROPELLANT STORAGE

GS CONSUMABLES (SPACECRAFT)
PROPELLANT STORAGE
RT EXPULSION BLADDERS
FUEL TANK PRESSURIZATION
FUEL TANKS
GROUND SUPPORT EQUIPMENT

PROPELLANT STORAGE-(CONT.)

HANDLING EQUIPMENT
MISSILE STORAGE
ROCKET PROPELLANTS
SPACE STORAGE
STORABLE PROPELLANTS
STORAGE
UNDERGROUND STORAGE

PROPELLANT TANKS

UF ROCKET PROPELLANT TANKS
GS TANKS (CONTAINERS)
RT **PROPELLANT TANKS**
CYLINDRICAL TANKS
EXPULSION BLADDERS
EXTERNAL TANKS
FLUID FILLED SHELLS
FUEL TANK PRESSURIZATION
FUEL TANKS
LIQUID FILLED SHELLS
LIQUID PROPELLANT ROCKET ENGINES
LIQUID SLOSHING
PRESSURE VESSELS
SPHERICAL TANKS
STORAGE TANKS
TANK GEOMETRY
ULLAGE

PROPELLANT TESTS

RT COLD FLOW TESTS
CORROSION TESTS
ENGINE TESTS
FUEL TESTS
INTERIOR BALLISTICS
MATERIALS TESTS
MISSILE TESTS
PROPULSIVE EFFICIENCY
STABILITY TESTS
TESTS

PROPELLANT TRANSFER

GS FLUID FLOW
FUEL FLOW
PROPELLANT TRANSFER
MATERIALS HANDLING
RT **PROPELLANT TRANSFER**
FUEL CONTROL
FUEL SYSTEMS
LIQUID SLOSHING
REFUELING

PROPELLANTS

GS **PROPELLANTS**
COLLOIDAL PROPELLANTS
DOUBLE BASE PROPELLANTS
DOUBLE BASE ROCKET PROPELLANTS
GELLED PROPELLANTS
GELLED ROCKET PROPELLANTS
GUN PROPELLANTS
HIGH ENERGY PROPELLANTS
DOMINO PROPELLANTS
HIGH TEMPERATURE PROPELLANTS
HYBRID PROPELLANTS
HYDRAZINE NITROFORM
HYDROGEN AZIDES
NITRASOL EXPLOSIVES
PENTOLITE
RDX
ROCKET PROPELLANTS
GASEOUS ROCKET PROPELLANTS
LIQUID ROCKET PROPELLANTS
CRYOGENIC ROCKET PROPELLANTS
GELLED ROCKET PROPELLANTS
HYPERGOLIC ROCKET PROPELLANTS
MONOPROPELLANTS
AEROZINE
RP-1 ROCKET PROPELLANTS
SLURRY PROPELLANTS
NITRAMINE PROPELLANTS
SOLID ROCKET PROPELLANTS
DOUBLE BASE ROCKET PROPELLANTS
METAL PROPELLANTS
SOLID PROPELLANTS
CASE BONDED PROPELLANTS
COMPOSITE PROPELLANTS
NITRAMINE PROPELLANTS
PLASTIC PROPELLANTS
SOLID ROCKET PROPELLANTS
DOUBLE BASE ROCKET PROPELLANTS
HTPB PROPELLANTS
METAL PROPELLANTS

PROPELLANTS-(CONT.)

STORABLE PROPELLANTS
RP-1 ROCKET PROPELLANTS
TETRYL
RT AMMUNITION
ASCENT PROPULSION SYSTEMS
AUXILIARY PROPULSION
BALLISTICS
BURNING RATE
CARTRIDGES
ENERGY SOURCES
EXPLOSIVES
FUEL TANKS
FUELS
FULMINATES
GUNS (ORDNANCE)
INCENDIARY AMMUNITION
POWER SUPPLIES
PROPULSION
SPACECRAFT POWER SUPPLIES
SPACECRAFT PROPULSION
SPECIFIC IMPULSE
TORPEDOES

PROPELLER BLADES

GS AIRFOILS
RT **PROPELLER BLADES**
BLADE TIPS
BLADES
FAN BLADES
FEATHERING
PROP-FAN TECHNOLOGY
PROPELLERS
ROTARY WINGS

PROPELLER DRIVE

GS MECHANICAL DRIVES
RT **PROPELLER DRIVE**
CONTRAROTATING PROPELLERS
MARINE PROPULSION
PROPELLERS
UNDERWATER PROPULSION

PROPELLER EFFICIENCY

GS EFFICIENCY
PROPULSIVE EFFICIENCY
RT **PROPELLER EFFICIENCY**
CONTRAROTATING PROPELLERS
POWER EFFICIENCY
PROP-FAN TECHNOLOGY
PROPELLERS

PROPELLER FANS

GS PROPELLERS
RT **PROPELLER FANS**
DUCTED FANS
FANS
LIFT FANS
PROP-FAN TECHNOLOGY

PROPELLER SLIPSTREAMS

GS WAKES
AIRCRAFT WAKES
SLIPSTREAMS
PROPELLER SLIPSTREAMS
TURBULENT WAKES
SLIPSTREAMS
RT **PROPELLER SLIPSTREAMS**
INTERFERENCE DRAG

PROPELLERS

GS **PROPELLERS**
CONTRAROTATING PROPELLERS
PROPELLER FANS
SHROUDED PROPELLERS
TILTED PROPELLERS
VARIABLE PITCH PROPELLERS
RT ACTUATOR DISKS
FEATHERING
PROPELLER BLADES
PROPELLER DRIVE
PROPELLER EFFICIENCY
SHIPS

PROPERTIES

SN (USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)
UF ATTRIBUTES
RT ACOUSTIC PROPERTIES
BIODEGRADABILITY
CHEMICAL PROPERTIES
ELECTRICAL PROPERTIES
HYGAL PROPERTIES
MACROSCOPIC EQUATIONS

PROPHYLAXIS

PROPERTIES-(CONT.)

MAGNETIC PROPERTIES
 ∞ MATERIALS SCIENCE
 MECHANICAL PROPERTIES
 OPTICAL PROPERTIES
 POROSITY
 PREJUDICES
 PROGRESS
 PROPELLANT PROPERTIES
 PROXIMITY
 RECOVERABILITY
 REGULARITY
 SURFACE PROPERTIES
 THERMODYNAMIC PROPERTIES
 THERMOPHYSICAL PROPERTIES
 TRANSPORT PROPERTIES
 TURBIDITY

PROPHYLAXIS

RT DISEASES
 IMMUNOLOGY

PROPRIONIC ACID

GS ACIDS
 . FATTY ACIDS
 . CARBOXYLIC ACIDS
 . . . **PROPRIONIC ACID**
 ALIPHATIC COMPOUNDS
 . FATTY ACIDS
 . . . **PROPRIONIC ACID**
 LIPIDS
 . **PROPRIONIC ACID**
 ORGANIC COMPOUNDS
 . FATTY ACIDS
 . . **PROPRIONIC ACID**

PROPORTION

RT DISTRIBUTING
 RATIOS

PROPORTIONAL CONTROL

GS AUTOMATIC CONTROL
 . **PROPORTIONAL CONTROL**
 RT CONTROL EQUIPMENT
 FEEDBACK CONTROL
 OFF-ON CONTROL
 SERVOCONTROL

PROPORTIONAL COUNTERS

GS IONIZATION CHAMBERS
 . **PROPORTIONAL COUNTERS**
 MEASURING INSTRUMENTS
 . COUNTERS
 . . RADIATION COUNTERS
 . . . **PROPORTIONAL COUNTERS**
 . RADIATION MEASURING INSTRUMENTS
 . . RADIATION COUNTERS
 . . . **PROPORTIONAL COUNTERS**
 RT DOSIMETERS
 GEIGER COUNTERS
 NEUTRON COUNTERS

PROPORTIONAL LIMIT

UF ELASTIC STRENGTH
 GS MECHANICAL PROPERTIES
 . ELASTIC PROPERTIES
 . . **PROPORTIONAL LIMIT**
 RANGE (EXTREMES)
 . **PROPORTIONAL LIMIT**
 RT CRITICAL LOADING
 MODULUS OF ELASTICITY
 STRESS-STRAIN DIAGRAMS

PROPRIOCEPTION

UF KINESTHESIS
 GS PERCEPTION
 . SENSORY PERCEPTION
 . . **PROPRIOCEPTION**
 . . . AUTOKINESIS
 RT KINESTHESIA

PROPRIOCEPTORS

GS ANATOMY
 . SENSE ORGANS
 . . **PROPRIOCEPTORS**
 RECEPTORS (PHYSIOLOGY)
 . **PROPRIOCEPTORS**
 RT BARORECEPTORS
 NERVOUS SYSTEM
 SENSITOMETRY

PROPULSION

GS **PROPULSION**
 . ASCENT PROPULSION SYSTEMS

PROPULSION-(CONT.)

. AUXILIARY PROPULSION
 . CHEMICAL PROPULSION
 . . HYBRID PROPULSION
 . DESCENT PROPULSION SYSTEMS
 . ELECTRIC PROPULSION
 . . ELECTROMAGNETIC PROPULSION
 . . ELECTROSTATIC PROPULSION
 . . ION PROPULSION
 . . LASER PROPULSION
 . . PLASMA PROPULSION
 . . SOLAR ELECTRIC PROPULSION
 . . JET PROPULSION
 . LOW THRUST PROPULSION
 . . ELECTROMAGNETIC PROPULSION
 . . ELECTROSTATIC PROPULSION
 . . ION PROPULSION
 . . MAN OPERATED PROPULSION
 SYSTEMS
 . . PHOTONIC PROPULSION
 . . PLASMA PROPULSION
 . . SOLAR PROPULSION
 . . . SOLAR ELECTRIC PROPULSION
 . . . SOLAR THERMAL PROPULSION
 . MARINE PROPULSION
 . . UNDERWATER PROPULSION
 . . SUBMARINE PROPULSION
 . . NUCLEAR PROPULSION
 . . NUCLEAR ELECTRIC PROPULSION
 . SPACECRAFT PROPULSION
 . . ELECTROMAGNETIC PROPULSION
 . . . MASS DRIVERS (PAYLOAD
 DELIVERY)
 . . ELECTROSTATIC PROPULSION
 . . ION PROPULSION
 . . PHOTONIC PROPULSION
 . . PLASMA PROPULSION
 . . SOLAR PROPULSION
 . . . SOLAR ELECTRIC PROPULSION
 . . . SOLAR THERMAL PROPULSION
 RT AERONAUTICAL ENGINEERING

∞ AIRCRAFT
 ∞ ASTRONAUTICS
 ∞ DRIVES
 ENGINES
 EXHAUST GASES
 FUEL TANK PRESSURIZATION
 FUEL TANKS
 HIGH IMPULSE
 LOCOMOTION
 MISSILES
 POST BOOST PROPULSION SYSTEM
 PROPELLANTS
 PROPULSIVE EFFICIENCY
 PULLING
 PUSHING
 ROCKET PROPELLANTS
 SOLAR SAILS
 SPACE FLIGHT
 SPACE SHUTTLE MAIN ENGINE
 SPACE TUGS
 THRUST

PROPULSION SYSTEM CONFIGURATIONS

GS **PROPULSION SYSTEM CONFIGURATIONS**
 . ASCENT PROPULSION SYSTEMS
 . DESCENT PROPULSION SYSTEMS
 RT AERODYNAMIC CONFIGURATIONS
 AIRCRAFT CONFIGURATIONS
 AUXILIARY PROPULSION
 ∞ CONFIGURATIONS
 LASER PROPULSION
 LAUNCH VEHICLE CONFIGURATIONS
 MISSILE CONFIGURATIONS
 POST BOOST PROPULSION SYSTEM
 SPACECRAFT CONFIGURATIONS

PROPULSION SYSTEM PERFORMANCE

RT COLD FLOW TESTS
 COMBUSTION EFFICIENCY
 ∞ PERFORMANCE
 POWER EFFICIENCY
 PROPELLANT MASS RATIO
 PROPULSIVE EFFICIENCY
 ROCKET THRUST
 SOLAR THERMAL PROPULSION
 SPECIFIC IMPULSE
 THERMODYNAMIC EFFICIENCY

PROPULSIVE EFFICIENCY

GS EFFICIENCY
 . **PROPULSIVE EFFICIENCY**
 . . PROPELLER EFFICIENCY
 RT COMBUSTION EFFICIENCY

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PROPULSIVE EFFICIENCY-(CONT.)

ENGINE TESTS
 LASER PROPULSION
 MULTISTAGE ROCKET VEHICLES
 NOZZLE EFFICIENCY
 POWER EFFICIENCY
 PROPELLANT MASS RATIO
 PROPELLANT TESTS
 PROPULSION
 PROPULSION SYSTEM PERFORMANCE
 SPECIFIC IMPULSE
 THERMODYNAMIC EFFICIENCY
 THRUST PROGRAMMING

PROPYL COMPOUNDS

GS ALIPHATIC COMPOUNDS
 . **PROPYL COMPOUNDS**

PROPYL NITRATE

GS ALIPHATIC COMPOUNDS
 . ALKYL COMPOUNDS
 . . **PROPYL NITRATE**
 . NITRATE ESTERS
 . . **PROPYL NITRATE**
 ESTERS
 . NITRATE ESTERS
 . . **PROPYL NITRATE**
 NITROGEN COMPOUNDS
 . NITRATE ESTERS
 . . **PROPYL NITRATE**

PROPYLENE

GS ALIPHATIC COMPOUNDS
 . ALKENES
 . . **PROPYLENE**
 HYDROCARBONS
 . ALKENES
 . . **PROPYLENE**

PROPYLENE OXIDE

GS EPOXY COMPOUNDS
 . **PROPYLENE OXIDE**

PROSPECTING

USE EXPLORATION

PROSTAGLANDINS

GS SECRETIONS
 . ENDOCRINE SECRETIONS
 . . HORMONES
 . . . **PROSTAGLANDINS**
 RT BIOSYNTHESIS
 ORGANIC COMPOUNDS
 PROSTATE GLAND

PROSTATE GLAND

GS ANATOMY
 . GENITOURINARY SYSTEM
 . . **PROSTATE GLAND**
 . GLANDS (ANATOMY)
 . . ENDOCRINE GLANDS
 . . . **PROSTATE GLAND**
 . . SEX GLANDS
 . . . **PROSTATE GLAND**
 VISCERA
 . ENDOCRINE GLANDS
 . . **PROSTATE GLAND**
 . SEX GLANDS
 . . **PROSTATE GLAND**
 RT BLADDER
 PROSTAGLANDINS

PROSTHETIC DEVICES

GS MEDICAL EQUIPMENT
 . **PROSTHETIC DEVICES**
 . . ARTIFICIAL EARS
 RT WALKING MACHINES

PROTACTINIUM

GS CHEMICAL ELEMENTS
 . **PROTACTINIUM**
 . . PROTACTINIUM ISOTOPES
 METALS
 . **PROTACTINIUM**
 . . PROTACTINIUM ISOTOPES

PROTACTINIUM COMPOUNDS

GS **PROTACTINIUM COMPOUNDS**
 . PROTACTINIUM FLUORIDES
 RT ∞ METAL COMPOUNDS

PROTACTINIUM FLUORIDES

GS HALOGEN COMPOUNDS
 . FLUORINE COMPOUNDS

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PROTACTINIUM FLUORIDES-(CONT.)

.. FLUORIDES
.. METAL FLUORIDES
.. .. **PROTACTINIUM FLUORIDES**
.. HALIDES
.. METAL HALIDES
.. .. **PROTACTINIUM FLUORIDES**
PROTACTINIUM COMPOUNDS
.. **PROTACTINIUM FLUORIDES**

PROTACTINIUM ISOTOPES

UF PROTACTINIUM 234
GS CHEMICAL ELEMENTS
.. NUCLIDES
.. ISOTOPES
.. .. **PROTACTINIUM ISOTOPES**
.. PROTACTINIUM
.. .. **PROTACTINIUM ISOTOPES**
METALS
.. PROTACTINIUM
.. .. **PROTACTINIUM ISOTOPES**

PROTACTINIUM 234

USE PROTACTINIUM ISOTOPES

PROTEASE

GS ENZYMES
.. **PROTEASE**

PROTECTION

GS **PROTECTION**
.. ACCELERATION PROTECTION
.. CIRCUIT PROTECTION
.. CORROSION PREVENTION
.. ENVIRONMENT PROTECTION
.. EYE PROTECTION
.. METEOROID PROTECTION
.. RADIATION PROTECTION
.. .. RADIATION SHIELDING
.. .. SOLAR RADIATION SHIELDING
.. THERMAL PROTECTION
RT ACCIDENT PREVENTION
AIRPORT SECURITY
CIVIL DEFENSE
COATINGS
COUNTERMEASURES
FLYING EJECTION SEATS
HAZARDS
HOUSINGS
INSULATION
PREVENTION
PROTECTORS
∞ RESISTANCE
SAFETY
SAFETY DEVICES
SHIELDING
WARNING
WARNING SYSTEMS

PROTECTIVE CLOTHING

GS CLOTHING
.. **PROTECTIVE CLOTHING**
.. HELMETS
.. PRESSURE SUITS
.. SPACE SUITS
.. VAPOR BARRIER CLOTHING
RT ARMOR
CHEMICAL DEFENSE
COVERALLS
EMERGENCY LIFE SUSTAINING
SYSTEMS
FLIGHT CLOTHING
GLOVES
GOGGLES
MASKS
SAFETY DEVICES
SHOES

PROTECTIVE COATINGS

UF CERAMAL PROTECTIVE COATINGS
SPRAYED PROTECTIVE COATINGS
GS COATINGS
.. **PROTECTIVE COATINGS**
.. ANODIC COATINGS
.. CERAMIC COATINGS
.. PRIMERS (COATINGS)
.. REFRACTORY COATINGS
RT ALKYD RESINS
ANODIZING
CLADDING
∞ CONSTRUCTION MATERIALS
CORROSION
DESENSITIZING
ELECTROPLATING
ENCAPSULATING

PROTECTIVE COATINGS-(CONT.)

FINISHES
GLASS COATINGS
GLAZES
GOLD COATINGS
INORGANIC COATINGS
LACQUERS
METAL COATINGS
NICKEL COATINGS
PAINTS
PLASTIC COATINGS
PLATING
RUBBER COATINGS
SPRAYED COATINGS
SURFACE FINISHING
TRANSGRANULAR CORROSION
VARNISHES
WATERPROOFING
ZINC COATINGS

PROTECTORS

GS **PROTECTORS**
.. EAR PROTECTORS
RT BUMPERS
∞ CONTAINERS
ENCLOSURES
FAIRINGS
HOUSINGS
PROTECTION
SAFETY DEVICES
∞ SCREENS
SHEATHS
SHIELDING

PROTEIN METABOLISM

GS METABOLISM
.. **PROTEIN METABOLISM**
.. LIPID METABOLISM
RT PROTEIN SYNTHESIS
SYNTHETIC FOOD

PROTEIN SYNTHESIS

RT BIOLOGICAL EVOLUTION
CHEMICAL EVOLUTION
PROTEIN METABOLISM

PROTEINOIDS

GS PROTEINS
.. **PROTEINOIDS**

PROTEINS

GS **PROTEINS**
.. ALBUMINS
.. AVIDIN
.. AMIDASE
.. ASPARTATES
.. CARBONIC ANHYDRASE
.. CARBOXYHEMOGLOBIN
.. COENZYMES
.. GLUTATHIONE
.. ELASTIN
.. FIBRIN
.. FIBRINOGEN
.. GLOBULINS
.. GAMMA GLOBULIN
.. GUANINES
.. KERATINS
.. LIPOPROTEINS
.. MELANIN
.. NUCLEASE
.. NUCLEOTIDES
.. ADENINES
.. ADENOSINES
.. .. ADENOSINE DIPHOSPHATE
.. .. ADENOSINE TRIPHOSPHATE
.. POLYNUCLEOTIDES
.. PYRIDINE NUCLEOTIDES
.. URIDYLIC ACID
.. OXIDASE
.. OXYHEMOGLOBIN
.. PEPTIDES
.. HYPERTENSIN
.. POLYPEPTIDES
.. PROTEINOIDS
.. PROTOPROTEINS
.. THROMBIN
RT ADRENOCORTICOTROPIN (ACTH)
ALANINE
CATALASE
COLLAGENS
CYSTEAMINE
CYSTEINE
∞ FOOD
MYOGLOBIN
∞ NUTRIENTS

PROTON MAGNETIC RESONANCE

PROTEINS-(CONT.)

PROTOPLASM
SERUMS
SYNTHETIC FOOD

PROTHROMBIN

GS ENZYMES
.. **PROTHROMBIN**
RT THROMBIN

PROTIUM

USE LIGHT WATER

PROTOBIOLOGY

RT VIRUSES

PROTON BEAMS

GS BEAMS (RADIATION)
.. PARTICLE BEAMS
.. .. **PROTON BEAMS**
RT NEUTRON BEAMS

PROTON BELTS

GS EARTH ATMOSPHERE
.. RADIATION BELTS
.. .. **PROTON BELTS**
PARTICLES
.. CHARGED PARTICLES
.. .. MAGNETICALLY TRAPPED PARTICLES
.. .. RADIATION BELTS
.. **PROTON BELTS**
.. TRAPPED PARTICLES
.. .. MAGNETICALLY TRAPPED PARTICLES
.. .. RADIATION BELTS
.. **PROTON BELTS**
RT INNER RADIATION BELT
OUTER RADIATION BELT

PROTON DAMAGE

GS DAMAGE
.. **PROTON DAMAGE**

PROTON DENSITY (CONCENTRATION)

GS DENSITY (NUMBER/VOLUME)
.. PARTICLE DENSITY (CONCENTRATION)
.. .. ION DENSITY (CONCENTRATION)
.. **PROTON DENSITY**
.. (CONCENTRATION)
.. MAGNETOSPHERIC PROTON
DENSITY
RT ATMOSPHERIC DENSITY
ATOM CONCENTRATION
PLASMA DENSITY
SPACE DENSITY

PROTON ENERGY

GS PARTICLE ENERGY
.. **PROTON ENERGY**
RT ACTIVATION ENERGY
ELECTRON ENERGY
∞ ENERGY
KINETIC ENERGY
SURFACE ENERGY

PROTON FLUX DENSITY

SN (PROTON EMISSION OR DETECTION
RATE PER UNIT AREA)
GS RATES (PER TIME)
.. FLUX DENSITY
.. RADIANT FLUX DENSITY
.. .. PARTICLE FLUX DENSITY
.. **PROTON FLUX DENSITY**
RT IRRADIANCE
RADIANCY
RADIATION COUNTERS
SOLAR FLUX DENSITY

PROTON IMPACT

GS IMPACT
.. **PROTON IMPACT**
RT ELECTRON IMPACT
POINT IMPACT

PROTON IRRADIATION

GS IRRADIATION
.. ION IRRADIATION
.. .. **PROTON IRRADIATION**
RT DEUTERON IRRADIATION
ELECTRON RADIATION

PROTON MAGNETIC RESONANCE

GS RESONANCE
.. MAGNETIC RESONANCE
.. .. NUCLEAR MAGNETIC RESONANCE

PROTON MASERS

PROTON MAGNETIC RESONANCE-(CONT.)
 . . . PROTON MAGNETIC RESONANCE

PROTON MASERS

GS STIMULATED EMISSION DEVICES
 . MASERS
 . . PROTON MASERS
 RT MAGNETOMETERS

PROTON PRECESSION

GS GYRATION
 . PRECESSION
 . . PROTON PRECESSION
 RT FREE VIBRATION

PROTON PRECIPITATION

GS PARTICLE PRECIPITATION
 . PROTON PRECIPITATION
 RT AURORAS
 ELECTRON PRECIPITATION
 PARTICLES
 ∞ PRECIPITATION
 RADIATION BELTS
 TRAPPED PARTICLES
 UPPER ATMOSPHERE

PROTON PROTUBERANCES

GS PROTUBERANCES
 . PROTON PROTUBERANCES

PROTON RESONANCE

GS RESONANCE
 . MAGNETIC RESONANCE
 . . NUCLEAR MAGNETIC RESONANCE
 . . PROTON RESONANCE
 RT NUCLEAR PARTICLES

PROTON SATELLITES

GS SATELLITES
 . ARTIFICIAL SATELLITES
 . . PROTON SATELLITES
 . . . PROTON 1 SATELLITE
 . . . PROTON 2 SATELLITE
 . . . PROTON 3 SATELLITE
 . . . PROTON 4 SATELLITE
 . EARTH SATELLITES
 . . PROTON SATELLITES
 . . . PROTON 1 SATELLITE
 . . . PROTON 2 SATELLITE
 . . . PROTON 3 SATELLITE
 . . . PROTON 4 SATELLITE
 SOVIET SPACECRAFT
 . PROTON SATELLITES
 . . PROTON 1 SATELLITE
 . . PROTON 2 SATELLITE
 . . PROTON 3 SATELLITE
 . . PROTON 4 SATELLITE
 RT U.S.S.R. SPACE PROGRAM

PROTON SCATTERING

GS NUCLEAR REACTIONS
 . PROTON SCATTERING
 SCATTERING
 . PROTON SCATTERING
 RT ION SCATTERING

PROTON TELESCOPES

USE PARTICLE TELESCOPES

PROTON 1 SATELLITE

GS SATELLITES
 . ARTIFICIAL SATELLITES
 . . PROTON SATELLITES
 . . . PROTON 1 SATELLITE
 . EARTH SATELLITES
 . . PROTON SATELLITES
 . . . PROTON 1 SATELLITE
 SOVIET SPACECRAFT
 . PROTON SATELLITES
 . . PROTON 1 SATELLITE

PROTON 2 SATELLITE

GS SATELLITES
 . ARTIFICIAL SATELLITES
 . . PROTON SATELLITES
 . . . PROTON 2 SATELLITE
 SOVIET SPACECRAFT
 . PROTON SATELLITES
 . . PROTON 2 SATELLITE

PROTON 3 SATELLITE

GS SATELLITES
 . ARTIFICIAL SATELLITES
 . . PROTON SATELLITES
 . . . PROTON 3 SATELLITE

PROTON 3 SATELLITE-(CONT.)

. EARTH SATELLITES
 . . PROTON SATELLITES
 . . . PROTON 3 SATELLITE
 SOVIET SPACECRAFT
 . PROTON SATELLITES
 . . PROTON 3 SATELLITE

PROTON 4 SATELLITE

GS SATELLITES
 . ARTIFICIAL SATELLITES
 . . PROTON SATELLITES
 . . . PROTON 4 SATELLITE
 . EARTH SATELLITES
 . . PROTON SATELLITES
 . . . PROTON 4 SATELLITE
 SOVIET SPACECRAFT
 . PROTON SATELLITES
 . . PROTON 4 SATELLITE

PROTON-PROTON REACTIONS

GS NUCLEAR REACTIONS
 . PROTON-PROTON REACTIONS
 RT ANNIHILATION REACTIONS
 ∞ INTERACTIONS
 POMERONS
 THERMONUCLEAR REACTIONS

PROTONS

GS IONS
 . PROTONS
 . . SOLAR PROTONS
 PARTICLES
 . CHARGED PARTICLES
 . . PROTONS
 . . . RECOIL PROTONS
 . . . SOLAR PROTONS
 . ELEMENTARY PARTICLES
 . FERMIONS
 . . PROTONS
 . . . RECOIL PROTONS
 . . . SOLAR PROTONS
 RT ALPHA PARTICLES
 ANTIPROTONS
 BARYONS
 COSMIC RAYS
 DEUTERONS
 FLUX DENSITY
 HYDROGEN IONS
 NUCLEAR PARTICLES
 NUCLEI (NUCLEAR PHYSICS)
 NUCLEON POTENTIAL
 NUCLEONS
 POSITIVE IONS
 RADIATION BELTS
 RADIATION SHIELDING
 TRITONS

PROTOPLANETS

UF PLANETISMALS
 GS CELESTIAL BODIES
 . PROTOPLANETS
 RT COSMOLOGY
 PLANETARY ENVIRONMENTS
 PLANETARY EVOLUTION
 PLANETARY MASS
 PLANETS
 SOLAR ORBITS
 SOLAR SYSTEM
 STELLAR EVOLUTION

PROTOPLASM

RT PROTEINS

PROTOPLASTS

GS CELLS (BIOLOGY)
 . PROTOPLASTS

PROTOPROTEINS

GS ACIDS
 . AMINO ACIDS
 . . PROTOPROTEINS
 ORGANIC COMPOUNDS
 . AMINO ACIDS
 . . PROTOPROTEINS
 PROTEINS
 . PROTOPROTEINS

PROTOSTARS

GS CELESTIAL BODIES
 . STARS
 . . EARLY STARS
 . . . PROTOSTARS
 . . . T TAURI STARS
 RT STELLAR EVOLUTION

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PROTOSTARS-(CONT.)

STELLAR MASS ACCRETION

PROTOTYPES

RT BREADBOARD MODELS
 ∞ PATTERNS
 PILOT PLANTS

PROTOZOA

GS ANIMALS
 . INVERTEBRATES
 . . PROTOZOA
 . . . FLAGELLATA
 . . . COLPIDIA
 . . . TRYPANOSOME
 . . . PARAMECIA
 . . . ROTIFERA
 . . . PELOMYXA
 MICROORGANISMS
 . PROTOZOA
 . . AMOEBA
 . . . PELOMYXA
 . . . FLAGELLATA
 . . . COLPIDIA
 . . . TRYPANOSOME
 . . . PARAMECIA
 . . . ROTIFERA

PROTRACTORS

GS MEASURING INSTRUMENTS
 . PROTRACTORS
 RT ANGLES (GEOMETRY)

PROTUBERANCES

SN (COMPONENTS MOUNTED EXTERNAL TO
 THE STRUCTURE)
 GS PROTUBERANCES
 . PROTON PROTUBERANCES
 RT AERODYNAMIC CONFIGURATIONS
 AERODYNAMIC INTERFERENCE
 AIRCRAFT ANTENNAS
 AIRCRAFT PARTS
 AIRFRAMES
 ∞ BLISTERS
 COWLINGS
 DOMES (STRUCTURAL FORMS)
 EXTERNAL STORE SEPARATION
 EXTERNAL STORES
 FAIRINGS
 FUEL TANKS
 HOUSINGS
 NACELLES
 PAPILLAE
 PITOT TUBES
 RADOMES
 ∞ RIDGES
 SHELLS (STRUCTURAL FORMS)
 VORTEX ALLEVIATION
 WING-FUSELAGE STORES
 WINGLETS

PROUSTITE

GS ARSENIC COMPOUNDS
 . ARSENIDES
 . . PROUSTITE
 MINERALS
 . PROUSTITE

PROVIDER AIRCRAFT

USE C-123 AIRCRAFT

PROVING

UF CONFIRMATION
 DEMONSTRATION
 PROOFS
 VALIDATION
 VERIFICATION (PROVING)
 GS PROVING
 . THEOREM PROVING
 RT ACCEPTABILITY
 APPROACH AND LANDING TESTS (STS)
 ERROR DETECTION CODES
 EVALUATION
 EXAMINATION
 LUNAR ROVING VEHICLES
 MATHEMATICAL LOGIC
 ∞ MEASUREMENT
 PROGRAM VERIFICATION (COMPUTERS)
 ∞ ROVINGS
 ∞ TESTS

PROVISIONING

RT CONSUMABLES (SPACECREW SUPPLIES)
 ∞ FOOD
 LIFE SUPPORT SYSTEMS

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PSYCHROMETERS

PROVISIONING-(CONT.)

SPACE RATIONS
STOWAGE (ONBOARD EQUIPMENT)

PROXIMITY

RT DISTANCE
∞ PROPERTIES
TIGHTNESS

PROXIMITY EFFECT (ELECTRICITY)

GS ELECTROMAGNETIC PROPERTIES
. ELECTRICAL PROPERTIES
. . . INDUCTANCE
. . . **PROXIMITY EFFECT (ELECTRICITY)**
RT ELECTRICITY
SUPERCONDUCTORS
VOLT-AMPERE CHARACTERISTICS

PRTR (REACTOR)

USE PLUTONIUM RECYCLE TEST REACTOR

PRUSSIC ACID

USE HYDROCYANIC ACID

PSEUDOMONAS

GS MICROORGANISMS
. BACTERIA
. . **PSEUDOMONAS**

PSEUDONOISE

RT RANDOM NOISE

PSEUDORANDOM SEQUENCES

RT RANDOM NUMBERS
∞ SIGNALS

PSEUDOURIA

GS AMINES
. **PSEUDOURIA**
NITROGEN COMPOUNDS
. AMIDES
. . UREAS
. . . **PSEUDOURIA**

PSYCHIATRY

GS MEDICAL SCIENCE
. **PSYCHIATRY**
. . SOCIAL PSYCHIATRY
RT MILITARY PSYCHOLOGY
PSYCHOLOGY
PSYCHOTHERAPY

PSYCHOACOUSTICS

GS ACOUSTICS
. **PSYCHOACOUSTICS**
PSYCHOLOGY
. PSYCHOPHYSICS
. . **PSYCHOACOUSTICS**
RT AUDITORY PERCEPTION
AUDITORY SIGNALS
BELLS
BIOACOUSTICS
NOISE INTENSITY
PSYCHOLOGICAL EFFECTS
PSYCHOLOGICAL FACTORS

PSYCHOLINGUISTICS

GS LINGUISTICS
. **PSYCHOLINGUISTICS**
RT INTELLIGIBILITY
PHONEMES
PHONEMICS
ROBOTS
SEMANTICS
SYLLABLES
SYNTAX

PSYCHOLOGICAL EFFECTS

GS **PSYCHOLOGICAL EFFECTS**
. ILLUSIONS
. . HALLUCINATIONS
. . . MOON ILLUSION
. . . OCULOGRAPHIC ILLUSIONS
. . . OPTICAL ILLUSION
. . . ELEVATOR ILLUSION
. . . JET LAG
RT AFTERIMAGES
BIOLOGICAL EFFECTS
BOREDOM
COMFORT
CONFIDENCE
DISORIENTATION
∞ EFFECTS
EMOTIONS

PSYCHOLOGICAL EFFECTS-(CONT.)

ENVIRONMENTAL ENGINEERING
ENVIRONMENTS
FRUSTRATION
HUMAN FACTORS ENGINEERING
HUMAN REACTIONS
HUMIDITY
MILITARY PSYCHOLOGY
MOODS
PSYCHOACOUSTICS
REACTION TIME
STRESS (PSYCHOLOGY)
TAYLOR MANIFEST ANXIETY SCALE

PSYCHOLOGICAL FACTORS

RT ASTRONAUT PERFORMANCE
EMOTIONAL FACTORS
FLIGHT STRESS (BIOLOGY)
HABITS
MOODS
PERMISSIVITY
PSYCHOACOUSTICS
PSYCHOSOMATICS
REWARD (PSYCHOLOGY)
SEX FACTOR
∞ STIMULI
STRESS (PSYCHOLOGY)

PSYCHOLOGICAL INDEXES

USE PSYCHOLOGICAL TESTS

PSYCHOLOGICAL SETS

GS PSYCHOLOGY
. **PSYCHOLOGICAL SETS**

PSYCHOLOGICAL TESTS

UF PSYCHOLOGICAL INDEXES
GS **PSYCHOLOGICAL TESTS**
. RORSCHACH TESTS
RT CERTIFICATION
ENVIRONMENTAL TESTS
LIMEN
MILITARY PSYCHOLOGY
PERSONALITY TESTS
PILOT SELECTION
PSYCHOMETRICS
RATIOS
SKINNER BOXES
TAYLOR MANIFEST ANXIETY SCALE
∞ TESTS

PSYCHOLOGY

GS **PSYCHOLOGY**
. COGNITIVE PSYCHOLOGY
. MILITARY PSYCHOLOGY
. PSYCHOLOGICAL SETS
. PSYCHOPHYSICS
. . **PSYCHOACOUSTICS**
RT BOREDOM
CYBERNETICS
DETACHMENT
DIAGNOSIS
DISORDERS
DISORIENTATION
EMOTIONAL FACTORS
EMOTIONS
EXTROVERSION
FRUSTRATION
INSPIRATION
INTELLECT
INTROVERSION
MORALE
PREJUDICES
PSYCHIATRY
PSYCHOMETRICS
PSYCHOTHERAPY
RORSCHACH TESTS
STRESS (PSYCHOLOGY)
SUBLIMINAL STIMULI

PSYCHOMETRICS

RT DIAGNOSIS
EDUCATION
MILITARY PSYCHOLOGY
NORMS
PERSONALITY TESTS
PSYCHOLOGICAL TESTS
PSYCHOLOGY
PSYCHOMOTOR PERFORMANCE
PSYCHOPHYSICS
PSYCHOSOMATICS
SKINNER BOXES

PSYCHOMOTOR PERFORMANCE

GS SENSORIMOTOR PERFORMANCE

PSYCHOMOTOR PERFORMANCE-(CONT.)

. **PSYCHOMOTOR PERFORMANCE**
. . PSYCHOSOMATICS
RT BIOCONTROL SYSTEMS
HUMAN PERFORMANCE
HUMAN REACTIONS
MENTAL PERFORMANCE
OPERATOR PERFORMANCE
PHYSIOLOGICAL TESTS
PILOT PERFORMANCE
PSYCHOMETRICS
REACTION TIME
WORKLOADS (PSYCHOPHYSIOLOGY)

PSYCHOPHARMACOLOGY

GS PHARMACOLOGY
. **PSYCHOPHARMACOLOGY**
RT CENTRAL NERVOUS SYSTEM
CENTRAL NERVOUS SYSTEM
DEPRESSANTS
CENTRAL NERVOUS SYSTEM
STIMULANTS
LIFE SCIENCES
MEDICAL SCIENCE
∞ MEDICINE
NERVOUS SYSTEM
PSYCHOTROPIC DRUGS

PSYCHOPHYSICS

GS PSYCHOLOGY
. **PSYCHOPHYSICS**
. . PSYCHOACOUSTICS
RT ∞ PHYSICS
PSYCHOMETRICS

PSYCHOPHYSIOLOGY

GS PHYSIOLOGY
. **PSYCHOPHYSIOLOGY**
. . WORKLOADS (PSYCHOPHYSIOLOGY)
RT EVOKED RESPONSE
(PSYCHOPHYSIOLOGY)

PSYCHOSES

GS **PSYCHOSES**
. PSYCHOTIC DEPRESSION
. SCHIZOPHRENIA
RT DETACHMENT
DISORDERS
FEAR
IRRATIONALITY
NEUROSES

PSYCHOSOMATICS

GS SENSORIMOTOR PERFORMANCE
. PSYCHOMOTOR PERFORMANCE
. . **PSYCHOSOMATICS**
RT PSYCHOLOGICAL FACTORS
PSYCHOMETRICS

PSYCHOTHERAPY

GS THERAPY
. **PSYCHOTHERAPY**
RT CONVULSIONS
GESTALT THEORY
HEALTH
MENTAL HEALTH
NEUROPSYCHIATRY
PSYCHIATRY
PSYCHOLOGY
PSYCHOTROPIC DRUGS

PSYCHOTIC DEPRESSION

GS PSYCHOSES
. **PSYCHOTIC DEPRESSION**
RT ∞ DEPRESSION
NEUROTIC DEPRESSION

PSYCHOTROPIC DRUGS

GS DRUGS
. **PSYCHOTROPIC DRUGS**
RT CENTRAL NERVOUS SYSTEM
NARCOTICS
NEUROPHYSIOLOGY
PHYSIOCHEMISTRY
PSYCHOPHARMACOLOGY
PSYCHOTHERAPY
SEDATIVES

PSYCHROMETERS

GS MEASURING INSTRUMENTS
. MOISTURE METERS
. . HYGROMETERS
. . . **PSYCHROMETERS**
RT ATMOSPHERIC MOISTURE

PSYCHROPHILES

PSYCHROMETERS-(CONT.)

CHEMICAL ANALYSIS
HUMIDITY
HUMIDITY MEASUREMENT
METEOROLOGICAL INSTRUMENTS

PSYCHROPHILES

GS MICROORGANISMS
PSYCHROPHILES
RT MESOPHILES
THERMOPHILES

PTL-6 ENGINE

UF DAIMLER-BENZ PTL-6 GAS TURBINE
ENGINE
GS ENGINES
AIR BREATHING ENGINES
GAS TURBINE ENGINES
PTL-6 ENGINE
INTERNAL COMBUSTION ENGINES
GAS TURBINE ENGINES
PTL-6 ENGINE
TURBINE ENGINES
GAS TURBINE ENGINES
PTL-6 ENGINE
RT AIRCRAFT ENGINES
HELICOPTER ENGINES

PTM (MODULATION)

USE PULSE TIME MODULATION

PTOLEMAEUS CRATER

GS CRATERS
LUNAR CRATERS
PTOLEMAEUS CRATER
RT METEORITE CRATERS

PUBLIC ADDRESS SYSTEMS

RT SYSTEMS
WARNING SYSTEMS

PUBLIC HEALTH

GS BIOPHYSICS
HEALTH PHYSICS
PUBLIC HEALTH
HEALTH
HEALTH PHYSICS
PUBLIC HEALTH
RT HYGIENE
MEDICAL SERVICES
NONPOINT SOURCES
ORAL HYGIENE
POLLUTION
SANITATION
URBAN PLANNING

PUBLIC LAW

GS LAW (JURISPRUDENCE)
PUBLIC LAW
LIABILITIES
LEGAL LIABILITY
PENALTIES
RT AIR LAW

PUBLIC RELATIONS

RT COOPERATION
IMPROVEMENT
PROMOTION
UPGRADING

PUBLICATIONS

USE DOCUMENTS

PUERTO RICO

GS LANDFORMS
ISLANDS
WEST INDIES
PUERTO RICO
RT UNITED STATES OF AMERICA

PULLEYS

RT BELTS
BLOCKS
IDLERS
ROLLERS
WHEELS
WINCHES

PULLING

RT DRAWING
FORCE
PROPULSION
TRACTION

PULMONARY CIRCULATION

GS CIRCULATION
BLOOD CIRCULATION
PULMONARY CIRCULATION
RT ALVEOLI
ARTIFICIAL CARDIAC PACEMAKER
BLOOD PUMPS
HEART IMPLANTATION
LUNGS
RESPIRATORY SYSTEM

PULMONARY FUNCTIONS

RT ALVEOLI
FUNCTIONS
LUNGS

PULMONARY LESIONS

GS DISEASES
PULMONARY LESIONS
INJURIES
LESIONS
PULMONARY LESIONS
RT LUNG MORPHOLOGY
LUNGS
ORGANS
RESPIRATORY DISEASES

PULSARS

GS CELESTIAL BODIES
RADIO SOURCES (ASTRONOMY)
RADIO STARS
PULSARS
STARS
NEUTRON STARS
PULSARS
RADIO STARS
PULSARS
RT QUASARS
RADIATION SOURCES
RADIO ASTRONOMY
RADIO BURSTS
SUPERNOVA REMNANTS

PULSATING FLOW

USE UNSTEADY FLOW

PULSE AMPLITUDE

UF PULSE HEIGHT
AMPLITUDES
GS PULSE AMPLITUDE
WAVEFORMS
PULSE AMPLITUDE
RT AMPLITUDE DISTRIBUTION ANALYSIS
ELECTRIC PULSES
PHOTOPEAK
PULSED RADIATION
SAWTOOTH WAVEFORMS
SQUARE WAVES

PULSE AMPLITUDE MODULATION

UF PAM (MODULATION)
GS MODULATION
PULSE MODULATION
PULSE AMPLITUDE MODULATION
RT MODEMS
P.A.C.M. TELEMETRY

PULSE CHARGING

RT BATTERY CHARGERS
ELECTRIC BATTERIES
ELECTRIC CHARGE
STORAGE BATTERIES

PULSE CODE MODULATION

UF PCM (MODULATION)
GS MODULATION
PULSE MODULATION
PULSE CODE MODULATION
DELTA MODULATION
DIFFERENTIAL PULSE CODE
MODULATION
RT BITERNARY CODE
DECOMMUTATORS
P.A.C.M. TELEMETRY
PCM TELEMETRY
UNIFIED S BAND

PULSE COMMUNICATION

UF DIGITAL COMMUNICATION
TELECOMMUNICATION
GS PULSE COMMUNICATION
DIGITAL SPACECRAFT TELEVISION
RT COMMUNICATION NETWORKS
DATA TRANSMISSION

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PULSE COMMUNICATION-(CONT.)

DELTA MODULATION
DIFFERENTIAL PULSE CODE
MODULATION
DIGITAL TELEVISION
ELECTROMAGNETIC PULSES
FREQUENCY DIVISION MULTIPLEXING
MODEMS
MULTIPLE ACCESS
MULTIPLEXING
ORTHOGONAL MULTIPLEXING THEORY
RADIO COMMUNICATION
RADIO TRANSMISSION
SATELLITE TRANSMISSION
SIGNAL TRANSMISSION
SPACE COMMUNICATION
TELEGRAPH SYSTEMS
TELEMETRY
TIME DIVISION MULTIPLE ACCESS

PULSE COMPRESSION

RT CODING
COMPRESSING
RADAR

PULSE DIFFRACTION

GS DIFFRACTION
PULSE DIFFRACTION
RT PLASMA JETS
PULSED RADIATION
WAVE PROPAGATION

PULSE DOPPLER RADAR

GS RADAR
PULSE RADAR
PULSE DOPPLER RADAR
EARTH RESOURCES SHUTTLE
IMAGING RADAR
MONOPULSE RADAR
RT CANCELLATION CIRCUITS
COHERENT RADAR

PULSE DURATION

UF LIGHT DURATION
PULSE WIDTH
GS WAVEFORMS
PULSE DURATION
RT ELECTRIC PULSES
LASER OUTPUTS
MASER OUTPUTS
PULSED RADIATION
SAWTOOTH WAVEFORMS
SQUARE WAVES
TIME SIGNALS
ULTRASHORT PULSED LASERS

PULSE DURATION MODULATION

UF PDM (MODULATION)
PULSE WIDTH MODULATION
PWM (MODULATION)
GS MODULATION
PULSE MODULATION
PULSE TIME MODULATION
PULSE DURATION MODULATION
RT MODEMS

PULSE FREQUENCY MODULATION

UF PFM (MODULATION)
GS MODULATION
FREQUENCY MODULATION
PULSE FREQUENCY MODULATION
PULSE MODULATION
PULSE FREQUENCY MODULATION
RT COMMUNICATION EQUIPMENT
DIFFERENTIAL PULSE CODE
MODULATION
MODEMS

PULSE FREQUENCY MODULATION TELEMETRY

GS MODULATION
FREQUENCY MODULATION
PULSE FREQUENCY MODULATION
TELEMETRY
PULSE MODULATION
PULSE FREQUENCY MODULATION
TELEMETRY
TELECOMMUNICATION
RADIO COMMUNICATION
RADIO TELEMETRY
PULSE FREQUENCY MODULATION
TELEMETRY
TELEMETRY
RADIO TELEMETRY
PULSE FREQUENCY MODULATION
TELEMETRY

PULSE FREQUENCY MODULATION-(CONT.)

RT COMMUNICATION EQUIPMENT
RADIO TRANSMISSION

PULSE GENERATORS

RT ELECTRIC PULSES
FUNCTION GENERATORS
∞ GENERATORS
IMPULSE GENERATORS
LASER CAVITIES
LASERS
PLASMA GENERATORS
PULSED RADIATION
SHOCK WAVE GENERATORS

PULSE HEATING

GS HARDENING (MATERIALS)
PULSE HEATING
HEAT TREATMENT
ANNEALING
PULSE HEATING
HEATING
TRANSIENT HEATING
PULSE HEATING
RT LASER HEATING

PULSE HEIGHT

USE PULSE AMPLITUDE

PULSE MODULATION

GS MODULATION
PULSE MODULATION
PULSE AMPLITUDE MODULATION
PULSE CODE MODULATION
DELTA MODULATION
DIFFERENTIAL PULSE CODE
MODULATION
PULSE FREQUENCY MODULATION
PULSE FREQUENCY MODULATION
TELEMETRY
PULSE TIME MODULATION
PULSE DURATION MODULATION
PULSE POSITION MODULATION
RT AMPLITUDE MODULATION
DEMODULATION
DEMODULATORS
ELECTRIC PULSES
ELECTROMAGNETIC PULSES
FREQUENCY MODULATION
LIGHT MODULATION
MODEMS
MODULATORS
PHASE MODULATION
PULSED RADIATION
RADIO TELEMETRY
TIME DIVISION MULTIPLEXING
TRIGATRONS

PULSE POSITION MODULATION

UF PPM (MODULATION)
GS MODULATION
PULSE MODULATION
PULSE TIME MODULATION
PULSE POSITION MODULATION
RT MODEMS

PULSE RADAR

GS RADAR
PULSE RADAR
PULSE DOPPLER RADAR
EARTH RESOURCES SHUTTLE
IMAGING RADAR
MONOPULSE RADAR
RT COHERENT RADAR
CONTINUOUS WAVE RADAR
DOPPLER RADAR
ECHO SUPPRESSORS
ELECTROMAGNETIC PULSES
METEOROLOGICAL RADAR
MULTISTATIC RADAR
POLYSTATION DOPPLER TRACKING
SYSTEM
SEARCH RADAR
SURVEILLANCE RADAR
SYNCHRONIZERS
TRACKING RADAR

PULSE RATE

UF CHRONOTRONS
GS RATES (PER TIME)
PULSE RATE
RT ELECTRIC PULSES
PICOSECOND PULSES
PULSED RADIATION

PULSE RECORDERS

USE COUNTERS

PULSE TIME MODULATION

UF PTM (MODULATION)
GS MODULATION
PULSE MODULATION
PULSE TIME MODULATION
PULSE DURATION MODULATION
PULSE POSITION MODULATION

PULSE WIDTH

USE PULSE DURATION

PULSE WIDTH AMPLITUDE CONVERTERS

RT ∞ CONVERTERS
FREQUENCY CONVERTERS

PULSE WIDTH MODULATION

USE PULSE DURATION MODULATION

PULSED JET ENGINES

GS ENGINES
PULSED JET ENGINES
RT ELECTRIC ROCKET ENGINES
ELECTROTHERMAL ENGINES
PLASMA ENGINES
RESISTOJET ENGINES

PULSED LASERS

GS STIMULATED EMISSION DEVICES
LASERS
PULSED LASERS
Q SWITCHED LASERS
ULTRASHORT PULSED LASERS
ULTRAVIOLET LASERS
RT ARGON LASERS
CARBON DIOXIDE LASERS
GAS LASERS
GLASS LASERS
INERTIAL FUSION (REACTOR)
LASER HEATING
LASER TARGET INTERACTIONS
LASER WELDING
NITROGEN LASERS
RUBY LASERS
SEMICONDUCTOR LASERS
TEA LASERS
TUBE LASERS
WAVEGUIDE LASERS

PULSED RADIATION

GS PULSED RADIATION
ELECTROMAGNETIC PULSES
SYSTEM GENERATED
ELECTROMAGNETIC PULSES
RT CONTINUOUS RADIATION
CORPUSCULAR RADIATION
ELASTIC WAVES
ELECTROMAGNETIC RADIATION
GAMMA RAY LASERS
LASER DAMAGE
LASERS
PICOSECOND PULSES
PULSE AMPLITUDE
PULSE DIFFRACTION
PULSE DURATION
PULSE GENERATORS
PULSE MODULATION
PULSE RATE
∞ RADIATION
∞ RAYS

PULSEJET ENGINES

GS ENGINES
AIR BREATHING ENGINES
GAS TURBINE ENGINES
JET ENGINES
RAMJET ENGINES
PULSEJET ENGINES
INTERNAL COMBUSTION ENGINES
GAS TURBINE ENGINES
JET ENGINES
RAMJET ENGINES
PULSEJET ENGINES
TURBINE ENGINES
GAS TURBINE ENGINES
JET ENGINES
RAMJET ENGINES
PULSEJET ENGINES
RT V-1 MISSILE

PULSES

GS PULSES

PULSES-(CONT.)

ELECTRIC PULSES
ELECTROMAGNETIC PULSES
SYSTEM GENERATED
ELECTROMAGNETIC PULSES
GEOMAGNETIC PULSATIONS
GEOMAGNETIC MICROPULSATIONS
MICROPULSATIONS
GEOMAGNETIC MICROPULSATIONS
PICOSECOND PULSES
PRESSURE PULSES
RT AMPLITUDES
INTERMITTENCY
SOLITARY WAVES

PULTRUSION

GS FORMING TECHNIQUES
EXTRUDING
PULTRUSION
RT CASTING
COMPOSITE STRUCTURES
DIES
EPOXY MATRIX COMPOSITES
FIBER COMPOSITES
GLASS FIBER REINFORCED PLASTICS
HOT WORKING
POLYMER MATRIX COMPOSITES
PREIMPREGNATION
PRESSING (FORMING)
RESIN MATRIX COMPOSITES

PULVERIZING

USE GRINDING (COMMINUTION)

PUMICE

GS ROCKS
IGNEOUS ROCKS
PUMICE
RT ABRASIVES
OBSIDIAN
POWDER (PARTICLES)
SOILS

PUMP IMPELLERS

GS ROTATING BODIES
ROTORS
IMPELLERS
PUMP IMPELLERS
RT CENTRIFUGAL COMPRESSORS
CENTRIFUGAL PUMPS

PUMP SEALS

GS SEALS (STOPPERS)
PUMP SEALS
RT GASKETS
GLANDS
GLANDS (SEALS)
HERMETIC SEALS
LABYRINTH SEALS
MOLECULAR PUMPS

∞ PUMPING

SN (USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)
RT BLOWING
COMPRESSED AIR
COMPRESSING
CRYOPUMPING
DRAINAGE
ELECTRON PUMPING
JET PUMPS
LASER PUMPING
MAGNETIC PUMPING
MATERIALS HANDLING
NUCLEAR PUMPING
OPTICAL PUMPING
PLASMA PUMPING
PUMPS
PURGING
WINDMILLS (WINDPOWERED MACHINES)
WINDPOWERED PUMPS

PUMPS

SN (LIMITED TO PUMPS FOR MATERIALS--
EXCLUDES HEAT PUMPS)
UF HYDRAULIC PUMPS
GS PUMPS
AXIAL FLOW PUMPS
TURBINE PUMPS
BLOOD PUMPS
CENTRIFUGAL PUMPS
DIFFUSION PUMPS
ELECTROMAGNETIC PUMPS
FUEL PUMPS

PUNCHED CARDS

PUMPS-(CONT.)

. JET PUMPS
 . RAMS (PUMPS)
 . VACUUM PUMPS
 . . CONDENSATION PUMPS
 . . ION PUMPS
 . . MOLECULAR PUMPS
 . . VISCOPUMPS
 . WINDPOWERED PUMPS
 RT BELLOWS
 CENTRIFUGAL COMPRESSORS
 EJECTORS
 FEED SYSTEMS
 HEAT PUMPS
 HYDRAULIC EQUIPMENT
 IMPELLERS
 INJECTORS
 LUBRICATION SYSTEMS
 MATERIALS HANDLING
 PACKINGS (SEALS)
 PIPELINES
 PREBURNERS
 ∞ PUMPING
 SIPHONS
 STATORS
 TURBOMACHINERY
 VANELESS DIFFUSERS

PUNCHED CARDS

GS CARDS
 . PUNCHED CARDS
 RT COMPUTER STORAGE DEVICES
 DATA RECORDERS
 DATA RECORDING
 DATA STORAGE
 READERS

PUNCHED TAPES

RT AUTOMATIC TYPEWRITERS
 COMPUTER STORAGE DEVICES
 DATA RECORDING
 MAGNETIC TAPES
 READERS
 ∞ TAPES

PUNCHES

RT DIES
 MACHINE TOOLS
 MOLDS
 PLATENS
 PRESSES
 STAMPING

PUNCTURING

USE PIERCING

PUPA

GS ANIMALS
 . INVERTEBRATES
 . . ARTHROPODS
 . . . PUPA
 RT INSECTS
 LARVAE

PUPIL SIZE

RT PUPILLOMETRY

PUPILLOMETRY

RT BIOMETRICS
 DARK ADAPTATION
 LIGHT ADAPTATION
 ∞ MEASUREMENT
 PUPIL SIZE

PUPILS

GS ANATOMY
 . SENSE ORGANS
 . . EYE (ANATOMY)
 . . . PUPILS
 RT VISION

PURGING

RT CIRCULATION
 CLEARING
 DECONTAMINATION
 DEGASSING
 DISTILLATION
 EVACUATING (VACUUM)
 FLUSHING
 OUTGASSING
 ∞ PUMPING
 PURIFICATION
 RELIEVING
 ∞ SEPARATION

PURGING-(CONT.)

VENTING

PURIFICATION

UF PURIFIERS
 GS PURIFICATION
 . AIR PURIFICATION
 RT AERATION
 ANTISEPTICS
 BENEFICIATION
 CHEMICAL STERILIZATION
 CLEANING
 CRYSTALLIZATION
 DECONTAMINATION
 DEMINERALIZING
 DESALINIZATION
 DISSIPATION
 DISTILLATION
 ELIMINATION
 ELUTION
 ENRICHMENT
 FLUSHING
 GETTERS
 PASTEURIZING
 POLYNUCLEAR ORGANIC COMPOUNDS
 POTABLE WATER
 PURGING
 PURITY
 RECTIFICATION
 ∞ REDUCTION
 REDUCTION (CHEMISTRY)
 REFINING
 SCAVENGING
 ∞ SEPARATION
 SEWAGE TREATMENT
 SOLVENT EXTRACTION
 SPACECRAFT STERILIZATION
 STERILIZATION
 SUBLIMATION
 ULTRAPURE METALS
 UPGRADING
 WASHING
 WATER TREATMENT
 ZONE MELTING

PURIFIERS

USE PURIFICATION

PURINES

GS PURINES
 . ADENINES
 . XANTHINES
 . . CAFFEINE
 . . GUANINES
 . . URIC ACID

PURITY

RT CLARITY
 CONCENTRATION (COMPOSITION)
 CONTAMINANTS
 CONTAMINATION
 DECONTAMINATION
 DILUTION
 FINENESS
 POLLUTION
 POTABLE LIQUIDS
 PURIFICATION
 QUALITY
 TRACE CONTAMINANTS
 ULTRAPURE METALS
 WATER POLLUTION

PURPOSES

RT GOALS

PURSUIT TRACKING

GS TRACKING (POSITION)
 . PURSUIT TRACKING
 RT INFRARED TRACKING
 RADAR TRACKING
 SATELLITE INTERCEPTORS

PUSH-PULL AMPLIFIERS

UF BALANCED AMPLIFIERS
 GS AMPLIFIERS
 . PUSH-PULL AMPLIFIERS
 RT PHASE MODULATION
 POWER AMPLIFIERS

PUSHBROOM SENSOR MODES

GS MODES
 . PUSHBROOM SENSOR MODES
 RT ARRAYS
 ELECTRO-OPTICS
 IMAGE PROCESSING

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PUSHBROOM SENSOR MODES-(CONT.)

LINEAR ARRAYS
 PHOTODIODES

PUSHING

RT ∞ FORCE
 PROPULSION

PWM (MODULATION)

USE PULSE DURATION MODULATION

PYCNOMETERS

RT DENSITY (MASS/VOLUME)

PYLON MOUNTING

RT AERODYNAMIC CONFIGURATIONS
 AIRCRAFT STRUCTURES
 COLUMNS (SUPPORTS)
 RIGID MOUNTING
 STRUCTURAL MEMBERS
 SUPPORTS
 WIND TUNNEL MODELS

PYLONS

GS SUPPORTS
 . PYLONS
 RT COLUMNS (SUPPORTS)
 STRUCTURAL MEMBERS
 STRUTS
 TOWERS

PYRAMID LAKE (NV)

GS LAKES
 . PYRAMID LAKE (NV)
 RT NEVADA
 WATER MANAGEMENT
 WATER RESOURCES

PYRAMIDAL BODIES

RT ∞ BODIES
 PYRAMIDS
 REENTRY VEHICLES

PYRAMIDS

GS GEOMETRY
 . EUCLIDEAN GEOMETRY
 . . POLYHEDRONS
 . . . PYRAMIDS
 RT FRUSTUMS
 PYRAMIDAL BODIES

PYRANOMETERS

GS MEASURING INSTRUMENTS
 . RADIATION MEASURING INSTRUMENTS
 . . ACTINOMETERS
 . . . PYRANOMETERS
 RT PHOTOMETERS
 RADIOMETERS
 SKY RADIATION

PYRAZINES

GS PYRAZINES
 . AZINES
 . . CYANURATES
 . . CYANURIC ACID
 . . MECLIZINE
 . . METHYLENE BLUE
 . . PHENOTHIAZINES

PYRENEES MOUNTAINS (EUROPE)

GS LANDFORMS
 . MOUNTAINS
 . . PYRENEES MOUNTAINS (EUROPE)
 RT ANDORRA
 FRANCE
 SPAIN

PYRENES

GS HYDROCARBONS
 . PYRENES

PYREX (TRADEMARK)

USE BOROSILICATE GLASS

PYRIDINE NUCLEOTIDES

GS ACIDS
 . AMINO ACIDS
 . . PYRIDINE NUCLEOTIDES
 ORGANIC COMPOUNDS
 . AMINO ACIDS
 . . PYRIDINE NUCLEOTIDES
 . NUCLEOTIDES
 . . PYRIDINE NUCLEOTIDES
 PHOSPHORUS COMPOUNDS

PYRIDINE NUCLEOTIDES-(CONT.)

- . PHOSPHATES
- . . . NUCLEOTIDES
- **PYRIDINE NUCLEOTIDES**
- PROTEINS
- . NUCLEOTIDES
- . . **PYRIDINE NUCLEOTIDES**

PYRIDINES

- GS **PYRIDINES**
 - . METHAPYRILENE
 - . NICOTINIC ACID
 - . PIPERIDINE
- RT KARL FISCHER REAGENT

PYRIDOXINE

- UF VITAMIN B 6
- GS HETEROCYCLIC COMPOUNDS
 - . **PYRIDOXINE**
 - VITAMINS
 - . **PYRIDOXINE**

PYRIMIDINES

- GS **PYRIMIDINES**
 - . ALLOXAN
 - . MITOCHONDRIA
 - . THYMIDINE
 - . THYMINE
 - . URACIL

PYRITES

- GS CHALCOGENIDES
 - . SULFIDES
 - . . **PYRITES**
 - IRON COMPOUNDS
 - . **PYRITES**
 - MINERALS
 - . **PYRITES**
 - SULFUR COMPOUNDS
 - . SULFIDES
 - . . **PYRITES**

PYRO CERAM (TRADEMARK)

- GS CERAMICS
 - . **PYRO CERAM (TRADEMARK)**
 - GLASS
 - . **PYRO CERAM (TRADEMARK)**

PYROELECTRICITY

- GS THERMODYNAMIC PROPERTIES
 - . THERMOPHYSICAL PROPERTIES
 - . . **PYROELECTRICITY**
- RT PIEZOELECTRICITY
 - . POLARIZATION (CHARGE SEPARATION)

PYROGEN

- GS GASES
 - . FLAMMABLE GASES
 - . . **PYROGEN**
- RT TORCHES

PYROGRAPHALLOY

- USE COMPOSITE MATERIALS
 - . PYROLYTIC GRAPHITE
 - . REFRACTORY MATERIALS

PYROHELIOMETERS

- UF HELIOMETRY
- GS MEASURING INSTRUMENTS
 - . HELIOMETERS
 - . . **PYROHELIOMETERS**
 - OPTICAL EQUIPMENT
 - . ASTRONOMICAL TELESCOPES
 - . . HELIOMETERS
 - . . . **PYROHELIOMETERS**
 - TELESCOPES
 - . ASTRONOMICAL TELESCOPES
 - . . HELIOMETERS
 - . . . **PYROHELIOMETERS**

PYROHYDROLYSIS

- GS CHEMICAL REACTIONS
 - . **PYROHYDROLYSIS**
- RT PYROLYSIS

PYROLYSIS

- SN (TRANSFORMATION OF A CHEMICAL COMPOUND INTO ONE OR MORE NEW COMPOUNDS SOLELY THROUGH THE APPLICATION OF HEAT)
- GS CHEMICAL REACTIONS
 - . CRACKING (CHEMICAL ENGINEERING)
 - . . **PYROLYSIS**
 - . THERMAL DECOMPOSITION

PYROLYSIS-(CONT.)

- . . **PYROLYSIS**
- RT ABLATION
 - . ENDOTHERMIC REACTIONS
 - . EXOTHERMIC REACTIONS
 - . PYROHYDROLYSIS
 - . THERMAL ABSORPTION
 - . THERMAL DEGRADATION
 - . THERMAL INSTABILITY
 - . THERMOGRAVIMETRY

PYROLYTIC GRAPHITE

- UF PYROGRAPHALLOY
- GS PYROLYTIC MATERIALS
 - . **PYROLYTIC GRAPHITE**
- RT HEAT SHIELDING

PYROLYTIC MATERIALS

- GS **PYROLYTIC MATERIALS**
 - . PYROLYTIC GRAPHITE
- RT ABLATIVE MATERIALS
 - . CERAMICS
 - . . MATERIALS
 - . . . REFRACTORY COATINGS
 - . . . REFRACTORY MATERIALS

PYROMETALLURGY

- RT AEROTHERMOCHEMISTRY
 - . CHLORINATION
 - . . CONVERTERS
 - . . . HEAT BALANCE
 - . . . METAL WORKING
 - . . . METALLURGY
 - . . . REFINING
 - . . . SINTERING
 - . . . SUBLIMATION
 - . . . THERMOCHEMISTRY

PYROMETERS

- GS MEASURING INSTRUMENTS
 - . TEMPERATURE MEASURING INSTRUMENTS
 - . . **PYROMETERS**
 - . . . RADIATION PYROMETERS
 - . . . THERMOCOUPLE PYROMETERS
- RT TEMPERATURE MEASUREMENT

PYROMETRY

- USE TEMPERATURE MEASUREMENT

PYROPHORIC MATERIALS

- RT EXPLOSIVES
 - . FLAMMABILITY
 - . HYPERGOLIC ROCKET PROPELLANTS
 - . IGNITERS
 - . IGNITION TEMPERATURE
 - . METAL COMBUSTION
 - . SOLID PROPELLANT IGNITION
 - . SPONTANEOUS COMBUSTION

PYROPHYLLITE

- GS ALUMINUM COMPOUNDS
 - . ALUMINUM SILICATES
 - . . **PYROPHYLLITE**
 - MINERALS
 - . **PYROPHYLLITE**
 - SILICON COMPOUNDS
 - . ALUMINUM SILICATES
 - . . **PYROPHYLLITE**
 - . SILICATES
 - . . **PYROPHYLLITE**
- RT ALUMINUM OXIDES

PYROTECHNICS

- UF FIREWORKS
- RT AMMUNITION
 - . BOMBS (ORDNANCE)
 - . CHEMICAL FUELS
 - . DOUBLE BASE PROPELLANTS
 - . EXPLOSIVES
 - . . FLARES
 - . . GRENADES
 - . . ILLUMINATING
 - . . INCENDIARY AMMUNITION
 - . . INITIATORS (EXPLOSIVES)
 - . . ORDNANCE
 - . . PLASTIC PROPELLANTS
 - . . PROJECTILES
 - . . RDX
 - . . . ROCKETS
 - . . . SIGNALS
 - . . . THERMITES

PYROXENES

- GS CHALCOGENIDES
 - . OXIDES
 - . . **PYROXENES**
 - . . . ENSTATITE
 - MINERALS
 - . **PYROXENES**
 - . . ENSTATITE
 - SILICON COMPOUNDS
 - . SILICATES
 - . . **PYROXENES**
 - . . . ENSTATITE
- RT ECLOGITE
 - . IGNEOUS ROCKS
 - . REGOLITH
 - . ROCKS
 - . SOILS

PYROXYLIN

- USE CELLULOSE NITRATE

PYRRHOTITE

- GS CHALCOGENIDES
 - . SULFIDES
 - . . **PYRRHOTITE**
 - . . . TROILITE
 - IRON COMPOUNDS
 - . **PYRRHOTITE**
 - . . TROILITE
 - MINERALS
 - . **PYRRHOTITE**
 - . . TROILITE
 - SULFUR COMPOUNDS
 - . SULFIDES
 - . . **PYRRHOTITE**
 - . . . TROILITE

PYRROLES

- GS HETEROCYCLIC COMPOUNDS
 - . AZOLES
 - . . **PYRROLES**
 - . . . CARBAZOLES
 - . . . INDOLES
 - TRYPTOPHAN
- RT METHOXY SYSTEMS

PYRRONES (TRADEMARK)

- RT . POLYMERS

PYRUVATES

- GS ACIDS
 - . AMINO ACIDS
 - . . **PYRUVATES**
- RT ORGANIC LIQUIDS

PZL M-4 AIRCRAFT

- GS LIGHT AIRCRAFT
 - . **PZL M-4 AIRCRAFT**
 - MONOPLANES
 - . **PZL M-4 AIRCRAFT**
 - TRAINING AIRCRAFT
 - . **PZL M-4 AIRCRAFT**

P3V AIRCRAFT

- USE P-3 AIRCRAFT

Q**Q DEVICES**

- RT MAGNETIC MIRRORS
- PLASMA PINCH
- ZETA PINCH

Q FACTORS

- UF HIGH Q
- QUALITY FACTORS
- RT FIGURE OF MERIT
- RESONANT VIBRATION
- SPECTRAL RESOLUTION
- TUNING

Q SWITCHED LASERS

- GS STIMULATED EMISSION DEVICES
 - . LASERS
 - . . PULSED LASERS
 - . . . **Q SWITCHED LASERS**
- RT ARGON LASERS
 - . CARBON DIOXIDE LASERS
 - . CHEMICAL LASERS
 - . GAS LASERS
 - . RUBY LASERS

Q VALUES

Q SWITCHED LASERS-(CONT.)

SEMICONDUCTOR LASERS
SOLID STATE LASERS

Q VALUES

GS VALUE
. Q VALUES

QCD

USE QUANTUM CHROMODYNAMICS

QH-50 HELICOPTER

UF DASH HELICOPTER
DSN HELICOPTER
GYRODYNE DSN-3 HELICOPTER
GYRODYNE MILITARY AIRCRAFT
GS GYRODYNE AIRCRAFT
. QH-50 HELICOPTER
V/STOL AIRCRAFT
. ROTARY WING AIRCRAFT
. HELICOPTERS
. . . MILITARY HELICOPTERS
. . . . QH-50 HELICOPTER

QSO (RADIO SOURCES)

USE QUASARS

QUADRANGLES

USE TETRAGONS

QUADRANTID METEORIDS

GS CELESTIAL BODIES
. METEOROID SHOWERS
. . . QUADRANTID METEORIDS
. METEORIDS
. . . QUADRANTID METEORIDS

QUADRANTS

GS GEOMETRY
. EUCLIDEAN GEOMETRY
. . . ANALYTIC GEOMETRY
. . . . QUADRANTS

QUADRATIC EQUATIONS

GS ALGEBRA
. NONLINEAR EQUATIONS
. . . QUADRATIC EQUATIONS
ANALYSIS (MATHEMATICS)
. REAL VARIABLES
. . . NONLINEAR EQUATIONS
. . . . QUADRATIC EQUATIONS
FIELD THEORY (ALGEBRA)
. QUADRATIC EQUATIONS
RT ∞ EQUATIONS
POLYNOMIALS

QUADRATIC PROGRAMMING

GS RESEARCH
. OPERATIONS RESEARCH
. . . MATHEMATICAL PROGRAMMING
. . . . QUADRATIC PROGRAMMING
RT ∞ PROGRAMMING

QUADRATURE APPROXIMATION

USE QUADRATURES

QUADRATURES

UF QUADRATURE APPROXIMATION
RT CIRCULAR ORBITS
ORBIT CALCULATION
ORBITAL MECHANICS
ORBITS
SPACE MECHANICS

QUADRUPOLE LENSES

USE MAGNETIC LENSES

QUADRUPOLE NETWORKS

RT ∞ NETWORKS

QUADRUPOLES

RT ∞ DIPOLES
NUCLEAR QUADRUPOLE RESONANCE
POLARITY

QUAIL MISSILE

GS DECOYS
. QUAIL MISSILE
MISSILES
. AIR TO SURFACE MISSILES
. . . QUAIL MISSILE
RT COUNTERMEASURES
TURBOJET ENGINES

QUALIFICATIONS

RT CERTIFICATION
CONTRACTORS
EDUCATION
EXPERIENCE
FITNESS
PERSONALITY TESTS
PERSONNEL
 ∞ TESTS

QUALITATIVE ANALYSIS

GS CHEMICAL TESTS
. CHEMICAL ANALYSIS
. . . QUALITATIVE ANALYSIS
RT ANALYTICAL CHEMISTRY
ELECTROPHOTOMETRY
FLAME SPECTROSCOPY
GAS ANALYSIS
MASS SPECTROMETERS
MICROANALYSIS
NEUTRON ACTIVATION ANALYSIS
QUANTITATIVE ANALYSIS
SPECTROSCOPIC ANALYSIS

QUALITY

GS QUALITY
. AIR QUALITY
. ENVIRONMENTAL QUALITY
. . . WATER QUALITY
. RIDING QUALITY
RT ACCURACY
ADEQUACY
APPEARANCE
COMPUTER SYSTEMS PERFORMANCE
CONCENTRATION (COMPOSITION)
CONSISTENCY
CONTAMINANTS
CONTROLLABILITY
DURABILITY
EVALUATION
FIGURE OF MERIT
FINENESS
FLIGHT CHARACTERISTICS
 ∞ GRADE
IMPURITIES
 ∞ MATERIALS TESTS
 ∞ PERFORMANCE
POLLUTION
PRECISION
PRODUCT DEVELOPMENT
PURITY
RELIABILITY
 ∞ RESISTANCE
SPECIFICATIONS
STABILITY
 ∞ TESTS
UPGRADING
VALIDITY
VARIABILITY

QUALITY CONTROL

UF RELIABILITY CONTROL
RT ACCELERATED LIFE TESTS
ACCEPTABILITY
AIRCRAFT RELIABILITY
ASSURANCE
AVERAGE
BAYES THEOREM
CERTIFICATION
CHEMICAL TESTS
CIRCUIT RELIABILITY
COMPONENT RELIABILITY
CONFIDENCE
CONFIDENCE LIMITS
CONSTRUCTION
 ∞ CONTROL
CORRELATION
CORRELATION COEFFICIENTS
COVARIANCE
DATA SAMPLING
DEGREES OF FREEDOM
ELECTRICAL PROPERTIES
ELECTRONIC EQUIPMENT TESTS
ERROR DETECTION CODES
ERRORS
ESTIMATES
ESTIMATING
EXPERIMENTAL DESIGN
EXTRAPOLATION
HYPOTHESES
INFRARED INSPECTION
INSPECTION
LEAST SQUARES METHOD
LINEAR PREDICTION
LOW TEMPERATURE TESTS

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QUALITY CONTROL-(CONT.)

MANN-WHITNEY-WILCOXON U TEST
 ∞ MATERIALS TESTS
MEAN
MEDIAN (STATISTICS)
MODE (STATISTICS)
NONDESTRUCTIVE TESTS
NORMALIZING (STATISTICS)
OPERATIONS RESEARCH
OPTIMIZATION
ORTHOGONAL FUNCTIONS
ORTHOGONALITY
PRECISION
PROBABILITY THEORY
PROCESS CONTROL (INDUSTRY)
 ∞ PROCESSES
PRODUCT DEVELOPMENT
PRODUCTION MANAGEMENT
PRODUCTS
RANDOM ERRORS
RANDOM SAMPLING
RANGE (EXTREMES)
REGRESSION ANALYSIS
REGRESSION COEFFICIENTS
RELIABILITY
RELIABILITY ENGINEERING
SAMPLING
SCHEDULING
SEQUENTIAL ANALYSIS
SPACECRAFT RELIABILITY
SPECIFICATIONS
STANDARD DEVIATION
STANDARDIZATION
STANDARDS
STATIC TESTS
STATISTICAL ANALYSIS
STATISTICAL CORRELATION
STATISTICAL DISTRIBUTIONS
STATISTICAL TESTS
STRUCTURAL RELIABILITY
 ∞ SYSTEMS
TASK COMPLEXITY
TASKS
 ∞ TESTS
TOLERANCES (MECHANICS)
ULTRASONIC FLAW DETECTION
VALUE ENGINEERING
VARIABILITY
VARIANCE (STATISTICS)
WEAR TESTS

QUALITY FACTORS

USE Q FACTORS

QUANTILES

GS STATISTICAL ANALYSIS
. QUANTILES
RT MATHEMATICAL MODELS
STATISTICAL DISTRIBUTIONS
 ∞ STATISTICS
SYMMETRY

QUANTITATIVE ANALYSIS

GS CHEMICAL TESTS
. CHEMICAL ANALYSIS
. . . QUANTITATIVE ANALYSIS
. . . . KJELDAHL METHOD
. . . . VAN SLYKE METHOD
RT ANALYTICAL CHEMISTRY
CHROMATOGRAPHY
ELECTROPHOTOMETRY
GAS ANALYSIS
GRAVIMETRY
IODIMETRY
KARL FISCHER REAGENT
MICROANALYSIS
NEUTRON ACTIVATION ANALYSIS
POLAROGRAPHY
QUALITATIVE ANALYSIS
RADIOCHEMICAL SEPARATION
SPECTROSCOPIC ANALYSIS
VOLUMETRIC ANALYSIS

QUANTITY

USE AMOUNT

QUANTIZATION

USE MEASUREMENT

QUANTIZER

USE COUNTERS

QUANTUM AMPLIFIERS

RT INFORMATION THEORY
LASERS

QUANTUM AMPLIFIERS-(CONT.)

TWO-WAVELENGTH LASERS
ULTRASHORT PULSED LASERS
ULTRAVIOLET LASERS

QUANTUM CHEMISTRY

GS PHYSICAL CHEMISTRY
 . QUANTUM CHEMISTRY
RT ∞ CHEMISTRY
 NUCLEAR CHEMISTRY
 ∞ PHYSICAL SCIENCES
 QUANTUM MECHANICS

QUANTUM CHROMODYNAMICS

UF COLOR (PARTICLE PHYSICS)
 QCD
GS FIELD THEORY (PHYSICS)
 . QUANTUM CHROMODYNAMICS
 . . INSTANTONS
RT ∞ DYNAMICS
 GLUONS
 LEPTONS
 PARTICLE INTERACTIONS
 QUANTUM MECHANICS
 QUARKS
 ∞ THEORIES

QUANTUM COUNTERS

GS MEASURING INSTRUMENTS
 . COUNTERS
 . . RADIATION COUNTERS
 . . . QUANTUM COUNTERS
 . RADIATION MEASURING INSTRUMENTS
 . . RADIATION COUNTERS
 . . . QUANTUM COUNTERS
RT SQUID (DETECTORS)

QUANTUM EFFICIENCY

RT ENERGY CONVERSION EFFICIENCY
 ENERGY TECHNOLOGY
 HETEROJUNCTION DEVICES
 LASER OUTPUTS
 SOLAR CELLS
 VOLT-AMPERE CHARACTERISTICS

QUANTUM ELECTRODYNAMICS

GS ELECTRODYNAMICS
 . QUANTUM ELECTRODYNAMICS
 . . LIGHT-CONE EXPANSION
 QUANTUM MECHANICS
 . QUANTUM ELECTRODYNAMICS
 . . LIGHT-CONE EXPANSION
RT ELECTROMAGNETIC FIELDS
 FEYNMAN DIAGRAMS
 FIELD THEORY (PHYSICS)
 LANDAU-GINZBURG EQUATIONS
 RESONANCE FLUORESCENCE
 SELF CONSISTENT FIELDS

QUANTUM GENERATORS

USE STIMULATED EMISSION DEVICES

QUANTUM MECHANICS

GS QUANTUM MECHANICS
 . PAULI EXCLUSION PRINCIPLE
 . QUANTUM ELECTRODYNAMICS
 . . LIGHT-CONE EXPANSION
RT BORN APPROXIMATION
 DYSON THEORY
 ELECTROMAGNETIC INTERACTIONS
 ENERGY DISTRIBUTION
 FERMI-DIRAC STATISTICS
 FUNCTION SPACE
 GROUP VELOCITY
 HYLLERAAS COORDINATES
 ∞ MECHANICS (PHYSICS)
 ORR-SOMMERFELD EQUATIONS
 PHASE VELOCITY
 QUANTUM CHEMISTRY
 QUANTUM CHROMODYNAMICS
 RACAH COEFFICIENT
 RELATIVITY
 STATISTICAL MECHANICS
 STRANGENESS
 U SPIN SPACE
 WAVE PACKETS

QUANTUM NUMBERS

RT ANGULAR MOMENTUM
 ELECTRONS
 ENERGY LEVELS
 NUCLEAR SPIN
 ∞ NUMBERS
 PARITY
 SELECTION RULES (NUCLEAR PHYSICS)

QUANTUM STATISTICS

UF BOSE-EINSTEIN STATISTICS
RT BOSONS
 FERMI-DIRAC STATISTICS
 FERMIONS
 MANY BODY PROBLEM
 ∞ STATISTICS
 SUPERFLUIDITY
 THOMAS-FERMI MODEL

QUANTUM THEORY

UF WIGHTMAN THEORY
GS THEORETICAL PHYSICS
 . QUANTUM THEORY
RT ANGULAR MOMENTUM
 ATOMIC THEORY
 CHARM (PARTICLE PHYSICS)
 DE BROGLIE WAVELENGTHS
 DIRAC EQUATION
 ELEMENTARY PARTICLES
 EMISSION
 ENERGY LEVELS
 FIELD THEORY (PHYSICS)
 FORBIDDEN TRANSITIONS
 GROUND STATE
 HAMILTONIAN FUNCTIONS
 KLEIN-DUNHAM POTENTIAL
 MAGNETIC MONOPOLES
 MANDELSTAM REPRESENTATION
 MOLECULAR ORBITALS
 NUCLEAR PHYSICS
 NUCLEAR SPIN
 PARITY
 PERTURBATION THEORY
 PHOTONS
 PHYSICAL OPTICS
 PLANCKS CONSTANT
 ∞ RADIATION
 RADIATION LAWS
 SCHUMANN-RUNGE BANDS
 STATISTICAL DISTRIBUTIONS
 STATISTICAL MECHANICS
 ∞ THEORIES
 WAVE EQUATIONS

QUARK PARTON MODEL

RT HADRONS
 INELASTIC SCATTERING
 LEPTONS
 NUCLEAR MODELS
 PARTONS
 QUARKS

QUARKS

GS PARTICLES
 . ELEMENTARY PARTICLES
 . . QUARKS
RT GLUONS
 INSTANTONS
 PARTONS
 QUANTUM CHROMODYNAMICS
 QUARK PARTON MODEL

QUARRIES

USE MINES (EXCAVATIONS)

QUARTIC EQUATIONS

GS ALGEBRA
 . NONLINEAR EQUATIONS
 . . QUARTIC EQUATIONS
 ANALYSIS (MATHEMATICS)
 . REAL VARIABLES
 . . NONLINEAR EQUATIONS
 . . . QUARTIC EQUATIONS
RT ∞ EQUATIONS

QUARTILES

RT PROBABILITY DENSITY FUNCTIONS
 STATISTICAL ANALYSIS
 STATISTICAL DISTRIBUTIONS

QUARTZ

GS CHALCOGENIDES
 . OXIDES
 . . DIOXIDES
 . . . SILICON DIOXIDE
 QUARTZ
 COESITE
 . . . SILICON OXIDES
 . . . SILICON DIOXIDE
 QUARTZ
 COESITE
 MINERALS
 . QUARTZ
 . . COESITE

QUARTZ-(CONT.)

. . STISHOVITE
 SILICON COMPOUNDS
 . SILICON OXIDES
 . . SILICON DIOXIDE
 . . . QUARTZ
 COESITE
RT ABRASIVES
 FELSITE
 FLINT
 IGNEOUS ROCKS
 ROCKS
 SANDS
 SOILS

QUARTZ CRYSTALS

GS CRYSTALS
 . QUARTZ CRYSTALS
RT FREQUENCY CONTROL
 FREQUENCY STABILITY
 RADIO TRANSMITTERS
 SILICON DIOXIDE

QUARTZ LAMPS

GS LIGHTING EQUIPMENT
 . LUMINAIRES
 . . QUARTZ LAMPS

QUARTZ TRANSDUCERS

GS TRANSDUCERS
 . QUARTZ TRANSDUCERS
RT PIEZOELECTRIC CRYSTALS
 PRESSURE SENSORS

QUASARS

UF QSO (RADIO SOURCES)
 QUASI-STELLAR RADIO SOURCES
GS CELESTIAL BODIES
 . RADIO SOURCES (ASTRONOMY)
 . . QUASARS
RT EXTRAGALACTIC RADIO SOURCES
 GALAXIES
 GRAVITATIONAL COLLAPSE
 PULSARS
 RADIO ASTRONOMY
 RADIO BURSTS
 RADIO EMISSION
 RADIO GALAXIES
 RADIO STARS
 STARS
 X RAY SPECTRA

QUASI-PARTICLES

USE ELEMENTARY EXCITATIONS

QUASI-STEADY STATES

RT EQUILIBRIUM FLOW
 FLUID DYNAMICS
 NONEQUILIBRIUM FLOW
 STEADY FLOW
 STEADY STATE CREEP
 UNIFORM FLOW

QUASI-STELLAR RADIO SOURCES

USE QUASARS

QUASILINEARITY

USE NONLINEARITY

QUATERNARY ALLOYS

GS ALLOYS
 . QUATERNARY ALLOYS

QUATERNIONS

RT CLASSICAL MECHANICS
 NUMBER THEORY

QUEBEC

RT CANADA

QUEFRENCIES

GS FREQUENCIES
 . AUDIO FREQUENCIES
 . . QUEFRENCIES
RT CEPSTRA

 ∞ QUENCHING

SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)*
RT EXTINGUISHING
 QUENCHING (COOLING)
 RAPID QUENCHING (METALLURGY)

QUENCHING (ATOMIC PHYSICS)

QUENCHING (ATOMIC PHYSICS)

- GS GYRATION
 - . PRECESSION
 - . . . **QUENCHING (ATOMIC PHYSICS)**
- RT ANGULAR MOMENTUM
 - . MAGNETIC MOMENTS
 - . PARTICLE SPIN

QUENCHING (COOLING)

- UF FLAME QUENCHING
- GS COOLING
 - . **QUENCHING (COOLING)**
- RT BATHS
 - . COMBUSTION
 - . DIPPING
 - . EXTINGUISHING
 - . HARDENING (MATERIALS)
 - . HEAT TREATMENT
 - . MICROSTRUCTURE
 - ∞ QUENCHING
 - . SUBMERGING
 - . SUPERCOOLING
 - . SUPERSATURATION
 - . THERMOMECHANICAL TREATMENT
 - . WATER IMMERSION

QUESTOL

- UF EXPERIMENTAL STOL TRANSPORT RSCH
 - . AIRPLANE
- GS RESEARCH AIRCRAFT
 - . **QUESTOL**
 - . V/STOL AIRCRAFT
 - . SHORT TAKEOFF AIRCRAFT
 - . . . **QUESTOL**
- RT ∞ AIRCRAFT
 - . NASA PROGRAMS

QUEUEING THEORY

- RT ARPA COMPUTER NETWORK
 - . BUNCHING
 - . MATHEMATICAL MODELS
 - . OPERATIONS RESEARCH
 - . STATISTICAL ANALYSIS
 - . STOCHASTIC PROCESSES
 - ∞ THEORIES

QUIET ENGINE PROGRAM

- GS PROGRAMS
 - . NASA PROGRAMS
 - . . . **QUIET ENGINE PROGRAM**
- RT AIRCRAFT ENGINES
 - . ENGINE NOISE
 - . JET AIRCRAFT NOISE
 - . JET ENGINES
 - . NOISE REDUCTION

QUINOLINE

- GS NITROGEN COMPOUNDS
 - . ALKALOIDS
 - . . . **QUINOLINE**
 - . ORGANIC COMPOUNDS
 - . . . **QUINOLINE**
- RT DRUGS

QUINOXALINES

- GS HYDROCARBONS
 - . **QUINOXALINES**
 - . ORGANIC COMPOUNDS
 - . . . **QUINOXALINES**
 - . PLASTICS
 - . SYNTHETIC RESINS
 - . . . THERMOPLASTIC RESINS
 - . . . **QUINOXALINES**
 - . RESINS
 - . SYNTHETIC RESINS
 - . . . THERMOPLASTIC RESINS
 - . . . **QUINOXALINES**
- RT POLYMERIZATION

QUOTIENTS

- RT DIVIDING (MATHEMATICS)

R

RA-28 ENGINE

- GS ENGINES
 - . AIR BREATHING ENGINES
 - . . . GAS TURBINE ENGINES
 - JET ENGINES
 - TURBOJET ENGINES
 - **RA-28 ENGINE**

RA-28 ENGINE-(CONT.)

- . INTERNAL COMBUSTION ENGINES
 - . . . GAS TURBINE ENGINES
 - JET ENGINES
 - TURBOJET ENGINES
 - **RA-28 ENGINE**
- . TURBINE ENGINES
 - . . . GAS TURBINE ENGINES
 - JET ENGINES
 - TURBOJET ENGINES
 - **RA-28 ENGINE**

RABBITS

- GS ANIMALS
 - . VERTEBRATES
 - . . . MAMMALS
 - RODENTS
 - **RABBITS**

RACAH COEFFICIENT

- RT ANGULAR MOMENTUM
 - . COUPLING
 - . QUANTUM MECHANICS
 - . TRANSFORMATIONS (MATHEMATICS)

RACE FACTORS

- RT ANTHROPOLOGY
 - . CULTURE (SOCIAL SCIENCES)
 - . HUMAN BEINGS
 - . HUMAN PERFORMANCE
 - . RACES
 - . SOCIAL FACTORS
 - . SOCIOLOGY
 - ∞ VARIABLE

RACES

- RT AMERICAN INDIANS
 - . ANTHROPOLOGY
 - . CULTURE (SOCIAL SCIENCES)
 - . HUMAN BEINGS
 - . MINORITIES
 - . RACE FACTORS

RACETRACKS (PARTICLE ACCELERATORS)

- RT ELECTROMAGNETS
 - . MAGNETIC FIELDS
 - . PARTICLE ACCELERATION
 - . PARTICLE ACCELERATORS
 - . PARTICLE TRAJECTORIES

∞ RACKS

- SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED CONSULT THE TERMS LISTED BELOW)*
- RT RACKS (FRAMES)
- RACKS (GEARS)

RACKS (FRAMES)

- RT ∞ RACKS
 - . ∞ SHELVES
 - . ∞ STORAGE
 - . SUPPORTS

RACKS (GEARS)

- GS GEARS
 - . **RACKS (GEARS)**
- RT ∞ RACKS
 - . TRANSLATIONAL MOTION

RACON BEACONS

- USE RADAR BEACONS

RADANT

- GS ANTENNAS
 - . DIRECTIONAL ANTENNAS
 - . . . RADAR ANTENNAS
 - **RADANT**
 - RADAR EQUIPMENT
 - RADAR ANTENNAS
 - **RADANT**
- RT RADAR FILTERS
 - . RADOMES
 - . SLOT ANTENNAS
 - . WAVEGUIDE ANTENNAS

RADAR

- GS **RADAR**
 - . COHERENT RADAR
 - . CONTINUOUS WAVE RADAR
 - . DOPPLER RADAR
 - . . . MULTISTATIC RADAR
 - . . . INCOHERENT SCATTER RADAR
 - . . . EISCAT RADAR SYSTEM (EUROPE)
 - . INFRARED RADAR

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RADAR-(CONT.)

- . LANDING RADAR
- . METEOROLOGICAL RADAR
- . MOVING TARGET INDICATORS
- . MULTISPECTRAL RADAR
- . OPTICAL RADAR
- . PULSE RADAR
 - . . . PULSE DOPPLER RADAR
 - . . . EARTH RESOURCES SHUTTLE IMAGING RADAR
 - . . . MONOPULSE RADAR
 - . . . RADAR MEASUREMENT
 - . . . RANGE AND RANGE RATE TRACKING
 - . . . SATELLITE-BORNE RADAR
 - . . . SEARCH RADAR
 - . . . NORTH AMERICAN SEARCH AND RANGING RADAR
 - . . . OVER-THE-HORIZON RADAR
 - . . . SECONDARY RADAR
 - . . . SIDE-LOOKING RADAR
 - . . . SPACE BASED RADAR
 - . . . SURVEILLANCE RADAR
 - . . . AIRBORNE SURVEILLANCE RADAR
 - . . . COBRA DANE (RADAR)
 - . . . MULTISTATIC RADAR
 - . . . SYNTHETIC APERTURE RADAR
 - . . . TRACKING RADAR
 - . . . COBRA DANE (RADAR)
 - . . . TRADEX RADAR SYSTEM
 - . . . VENUS ORBITING IMAGING RADAR (SPACECRAFT)
- RT AIRCRAFT INSTRUMENTS
 - . CANCELLATION CIRCUITS
 - . CIRCUMLUNAR COMMUNICATION
 - . COLLISION AVOIDANCE
 - . DISPLAY DEVICES
 - . DISTANCE MEASURING EQUIPMENT
 - . ELECTROMAGNETIC RADIATION
 - . FLIGHT INSTRUMENTS
 - . INSTRUMENT LANDING SYSTEMS
 - . LUNAR COMMUNICATION
 - . NAVIGATION INSTRUMENTS
 - . NIGHT FLIGHTS (AIRCRAFT)
 - . PULSE COMPRESSION
 - . RADAR DETECTION
 - . SCATTEROMETERS

RADAR ABSORBERS

- RT ABSORBERS (MATERIALS)
 - . ANTIRADAR COATINGS
 - . COUNTERMEASURES
 - . ELECTROMAGNETIC ABSORPTION

RADAR ABSORBING MATERIALS

- USE ANTIRADAR COATINGS

RADAR ALTIMETERS

- USE RADIO ALTIMETERS

RADAR ANTENNAS

- GS ANTENNAS
 - . DIRECTIONAL ANTENNAS
 - . . . **RADAR ANTENNAS**
 - RADANT
 - RADAR EQUIPMENT
 - **RADAR ANTENNAS**
 - RADANT
- RT AIRCRAFT ANTENNAS
 - . DIPLEXERS
 - . DIPOLE ANTENNAS
 - . DOGHOUSES (ELECTRONICS)
 - . HIGH RESOLUTION COVERAGE ANTENNAS
 - . HORN ANTENNAS
 - . LENS ANTENNAS
 - . MICROWAVE ANTENNAS
 - . PARABOLIC ANTENNAS
 - . RADOMES
 - . SCHWARZSCHILD ANTENNAS
 - . SIDELOBE REDUCTION
 - . SLOT ANTENNAS
 - . SPINNERS
 - . STEERABLE ANTENNAS

RADAR APPROACH CONTROL

- UF RAPCON (CONTROL)
- GS APPROACH CONTROL
 - . **RADAR APPROACH CONTROL**
 - . GROUND BASED CONTROL
 - . . . AIR TRAFFIC CONTROL
 - . . . **RADAR APPROACH CONTROL**
 - . . . TRAFFIC CONTROL
 - . . . AIR TRAFFIC CONTROL
 - . . . **RADAR APPROACH CONTROL**
- RT AIRBORNE RADAR APPROACH

RADAR APPROACH CONTROL-(CONT.)

AIRCRAFT GUIDANCE
 APPROACH INDICATORS
 INSTRUMENT LANDING SYSTEMS
 LANDING AIDS
 LANDING INSTRUMENTS
 LANDING RADAR
 RADARSCOPES
 SURVEILLANCE RADAR

RADAR ASTRONOMY

GS ASTRONOMY
 . **RADAR ASTRONOMY**
 RT RADIO ASTRONOMY

RADAR ATTENUATION

GS ATTENUATION
 . WAVE ATTENUATION
 . . **RADAR ATTENUATION**
 RT ATMOSPHERIC ATTENUATION
 ELECTROMAGNETIC ABSORPTION
 ELECTROMAGNETIC WAVE
 TRANSMISSION
 MANDELSTAM REPRESENTATION
 RADIO ATTENUATION
 SIDLOBE REDUCTION
 SIGNAL TRANSMISSION
 TRANSMISSION
 WAVE PROPAGATION

RADAR BEACONS

UF RACON BEACONS
 GS NAVIGATION AIDS
 . BEACONS
 . . **RADAR BEACONS**
 . . . DISCRETE ADDRESS BEACON
 SYSTEM
 RADAR EQUIPMENT
 . **RADAR BEACONS**
 RT AIRCRAFT COMMUNICATION
 COMPASSES
 POSITION (LOCATION)
 SOLAR COMPASSES
 TRANSPONDERS

RADAR BEAMS

GS BEAMS (RADIATION)
 . **RADAR BEAMS**

RADAR CLUTTER MAPS

GS MAPS
 . **RADAR CLUTTER MAPS**

RADAR CORNER REFLECTORS

UF LUNEBERG LENSES
 GS RADAR EQUIPMENT
 . RADAR REFLECTORS
 . . **RADAR CORNER REFLECTORS**
 REFLECTORS
 . RADAR REFLECTORS
 . . **RADAR CORNER REFLECTORS**
 RT RETROREFLECTORS

RADAR CROSS SECTIONS

RT ANGLES
 ∞ CROSS SECTIONS
 LOW OBSERVABLE REENTRY VEHICLES
 MOVING TARGET INDICATORS

RADAR DATA

RT ∞ DATA
 MICROWAVE PHOTOGRAPHY
 VIDEO DATA

RADAR DETECTION

GS DETECTION
 . MISSILE DETECTION
 . . **RADAR DETECTION**
 RT COHERENT RADAR
 CONTINUOUS WAVE RADAR
 DIGITAL RADAR SYSTEMS
 DOPPLER RADAR
 ELECTRONIC COUNTERMEASURES
 ELECTRONIC WARFARE
 MULTISTATIC RADAR
 OPTICAL RADAR
 OVER-THE-HORIZON RADAR
 RADAR
 RADARSCOPES
 SATELLITE-BORNE RADAR
 SEARCH RADAR
 SIGNAL DETECTION

RADAR DIRECTION FINDERS

USE RADIO DIRECTION FINDERS

RADAR DISPLAYS

USE RADARSCOPES

RADAR ECHOES

UF RADAR REFLECTIONS
 GS ECHOES
 . **RADAR ECHOES**
 . . CLUTTER
 . . LUNAR RADAR ECHOES
 . . SOLAR RADAR ECHOES
 . . VENUS RADAR ECHOES
 RT AURORAL ECHOES
 CHAFF
 GHOSTS
 GLINT
 TARGETS

RADAR EQUIPMENT

GS **RADAR EQUIPMENT**
 . DISCRETE ADDRESS BEACON SYSTEM
 . DOGHOUSES (ELECTRONICS)
 . RADAR ANTENNAS
 . . RADANT
 . RADAR BEACONS
 . RADAR FILTERS
 . RADAR RECEIVERS
 . RADAR REFLECTORS
 . . RADAR CORNER REFLECTORS
 . RADAR TRANSMITTERS
 . RADARSCOPES
 . . PLAN POSITION INDICATORS
 . RETROREFLECTORS
 RT AIRBORNE EQUIPMENT
 AIRPORT SURFACE DETECTION
 EQUIPMENT
 AUTOMATED RADAR TERMINAL SYSTEM
 DIGITAL RADAR SYSTEMS
 DIPLEXERS
 DISTANCE MEASURING EQUIPMENT
 DOPPLER RADAR
 ∞ EQUIPMENT
 JAMMERS
 LOOK ANGLES (ELECTRONICS)
 ONBOARD EQUIPMENT
 PARABOLIC ANTENNAS
 RADIO EQUIPMENT
 RADOMES
 RANGE FINDERS
 SERVOMECHANISMS
 SYNTHETIC APERTURE RADAR
 TRANSPONDERS

RADAR FILTERS

GS ELECTROMAGNETIC WAVE FILTERS
 . ELECTRIC FILTERS
 . . **RADAR FILTERS**
 RADAR EQUIPMENT
 . **RADAR FILTERS**
 RT FIR FILTERS
 MICROWAVE FILTERS
 RADANT
 RADIO FILTERS
 WAVEGUIDE FILTERS

RADAR GEOLOGY

GS GEOLOGY
 . **RADAR GEOLOGY**
 RT GEOLOGICAL SURVEYS

RADAR HOMING MISSILES

GS MISSILES
 . **RADAR HOMING MISSILES**
 RT MILITARY TECHNOLOGY
 MISSILE CONTROL
 MISSILE SYSTEMS
 TARGET RECOGNITION

RADAR IMAGERY

GS IMAGERY
 . **RADAR IMAGERY**
 IMAGING TECHNIQUES
 . **RADAR IMAGERY**
 RT EARTH RESOURCES SHUTTLE IMAGING
 RADAR
 INFRARED RADAR
 LUNAR EQUATOR
 X RAY IMAGERY

RADAR MAPS

GS MAPS
 . **RADAR MAPS**
 RT MAP MATCHING GUIDANCE

RADAR MAPS-(CONT.)

METEOROLOGICAL CHARTS

RADAR MEASUREMENT

GS RADAR
 . **RADAR MEASUREMENT**
 RT DISTANCE MEASURING EQUIPMENT
 ∞ MEASUREMENT
 RADIO ALTIMETERS
 RANGEFINDING

RADAR NAVIGATION

GS NAVIGATION
 . **RADAR NAVIGATION**
 RT AIR NAVIGATION
 AIR TRAFFIC CONTROL
 AIRCRAFT GUIDANCE
 ALL-WEATHER AIR NAVIGATION
 AUTOMATIC FLIGHT CONTROL
 CELESTIAL NAVIGATION
 COLLISION AVOIDANCE
 DEAD RECKONING
 DISTANCE
 DISTANCE MEASURING EQUIPMENT
 DOPPLER NAVIGATION
 DOPPLER RADAR
 DOPPLER-FIZEAU EFFECT
 GROUND BASED CONTROL
 INERTIAL NAVIGATION
 INTERPLANETARY NAVIGATION
 MAP MATCHING GUIDANCE
 RADARSCOPES
 RADIO NAVIGATION
 SATELLITE NAVIGATION SYSTEMS
 SPACE NAVIGATION
 SURFACE NAVIGATION
 TACAN

RADAR NETWORKS

UF MULTIRADAR TRACKING
 GS TRACKING NETWORKS
 . **RADAR NETWORKS**
 RT DOPPLER RADAR
 ∞ NETWORKS
 POLYSTATION DOPPLER TRACKING
 SYSTEM
 TRACKING STATIONS

RADAR OBSERVATION

USE RADAR TRACKING

RADAR PHOTOGRAPHY

GS IMAGERY
 . **RADAR PHOTOGRAPHY**
 PHOTOGRAPHY
 . MULTISPECTRAL PHOTOGRAPHY
 . . **RADAR PHOTOGRAPHY**
 RT BLACK AND WHITE PHOTOGRAPHY
 MICROWAVE PHOTOGRAPHY
 RADARSCOPES
 SPECTRAL RECONNAISSANCE
 ULTRAVIOLET PHOTOGRAPHY

RADAR RANGE

GS DISTANCE
 . **RADAR RANGE**
 RT CONTINUOUS WAVE RADAR
 OPTICAL SLANT RANGE
 OVER-THE-HORIZON RADAR
 RADIO RANGE

RADAR RECEIVERS

GS RADAR EQUIPMENT
 . **RADAR RECEIVERS**
 RECEIVERS
 . **RADAR RECEIVERS**
 RT DIGITAL RADAR SYSTEMS
 ELECTROMAGNETIC NOISE
 MICROWAVE SENSORS
 RADIO RECEIVERS
 REPEATERS

RADAR RECEPTION

RT RADIO RECEPTION
 ∞ RECEIVING
 SIDLOBE REDUCTION

RADAR REFLECTIONS

USE RADAR ECHOES

RADAR REFLECTORS

GS RADAR EQUIPMENT
 . **RADAR REFLECTORS**
 . . RADAR CORNER REFLECTORS

RADAR RESOLUTION

RADAR REFLECTORS-(CONT.)

REFLECTORS
 . **RADAR REFLECTORS**
 . . RADAR CORNER REFLECTORS
 RT PARABOLIC ANTENNAS
 PARABOLIC REFLECTORS
 RADIO ECHOES
 SIDELobe REDUCTION

RADAR RESOLUTION

GS RESOLUTION
 . **RADAR RESOLUTION**
 RT ANGULAR RESOLUTION
 DISPLAY DEVICES
 HIGH RESOLUTION COVERAGE
 ANTENNAS
 SIDELobe REDUCTION
 SPECTRAL RESOLUTION

RADAR SCANNING

GS SCANNING
 . **RADAR SCANNING**
 . . RADAR TARGET SCATTER SITE
 PROGRAM
 RT CONICAL SCANNING
 DIGITAL RADAR SYSTEMS
 FREQUENCY SCANNING
 METEOROLOGICAL RADAR
 MULTIPLE BEAM INTERVAL SCANNERS
 PANORAMIC SCANNING
 RADIO TRACKING
 SIDE-LOOKING RADAR
 SURVEILLANCE

RADAR SCATTERING

GS SCATTERING
 . **RADAR SCATTERING**
 RT EISCAT RADAR SYSTEM (EUROPE)
 INCOHERENT SCATTER RADAR
 INCOHERENT SCATTERING
 SCATTEROMETERS

RADAR SIGNATURES

GS SIGNATURES
 . **RADAR SIGNATURES**
 . . MISSILE SIGNATURES
 RT COBRA DANE (RADAR)
 DETECTION
 IMAGERY
 SIGNATURE ANALYSIS
 TARGET RECOGNITION

RADAR TARGET SCATTER SITE PROGRAM

UF RATSCAT PROGRAM
 GS PROGRAMS
 . **RADAR TARGET SCATTER SITE
 PROGRAM**
 SCANNING
 . RADAR SCANNING
 . . **RADAR TARGET SCATTER SITE
 PROGRAM**
 RT TARGETS

RADAR TARGETS

GS TARGETS
 . **RADAR TARGETS**
 RT DIGITAL RADAR SYSTEMS
 EARLY WARNING SYSTEMS
 RADIAL VELOCITY

RADAR TRACKING

UF RADAR OBSERVATION
 GS TRACKING (POSITION)
 . **RADAR TRACKING**
 RT AUTOMATED RADAR TERMINAL SYSTEM
 BALLISTIC MISSILE EARLY WARNING
 SYSTEM
 COMPENSATORY TRACKING
 DIGITAL RADAR SYSTEMS
 DOPPLER RADAR
 EARLY WARNING SYSTEMS
 METEOROLOGICAL RADAR
 MONOPULSE RADAR
 MOVING TARGET INDICATORS
 PURSUIT TRACKING
 RADIO TRACKING
 RANGE AND RANGE RATE TRACKING
 RANGEFINDING
 RAWINSONDES
 SEARCH RADAR
 SLEWING
 SPACECRAFT TRACKING
 SURVEILLANCE RADAR
 THREAT EVALUATION
 TRACKING RADAR

RADAR TRACKING-(CONT.)

TRANSPONDER CONTROL GROUP

RADAR TRANSMISSION

GS TRANSMISSION
 . ELECTROMAGNETIC WAVE
 TRANSMISSION
 . . **RADAR TRANSMISSION**
 . SIGNAL TRANSMISSION
 . . **RADAR TRANSMISSION**
 RT ATMOSPHERIC ATTENUATION
 DIGITAL RADAR SYSTEMS
 EISCAT RADAR SYSTEM (EUROPE)
 ELECTROMAGNETIC PULSES
 RADIO TRANSMISSION
 RADOME MATERIALS
 WAVE ATTENUATION
 WAVE PROPAGATION

RADAR TRANSMITTERS

GS RADAR EQUIPMENT
 . **RADAR TRANSMITTERS**
 TRANSMITTERS
 . **RADAR TRANSMITTERS**

RADARSCOPES

UF RADAR DISPLAYS
 GS DISPLAY DEVICES
 . **RADARSCOPES**
 . . PLAN POSITION INDICATORS
 RADAR EQUIPMENT
 . **RADARSCOPES**
 . . PLAN POSITION INDICATORS
 RT AIRCRAFT GUIDANCE
 INDICATING INSTRUMENTS
 MICROWAVE IMAGERY
 MICROWAVE PHOTOGRAPHY
 RADAR APPROACH CONTROL
 RADAR DETECTION
 RADAR NAVIGATION
 RADAR PHOTOGRAPHY
 SURVEILLANCE RADAR

RADIAL DISTRIBUTION

GS DISTRIBUTION (PROPERTY)
 . **RADIAL DISTRIBUTION**
 RT RAYLEIGH DISTRIBUTION
 STAR DISTRIBUTION
 WIND PROFILES

RADIAL DRAINAGE PATTERNS

USE DRAINAGE PATTERNS

RADIAL FLOW

GS FLUID FLOW
 . **RADIAL FLOW**
 RT AXIAL FLOW
 CENTRIFUGAL COMPRESSORS
 DIFFUSION
 FLOW GEOMETRY
 GAS FLOW
 HEAT TRANSMISSION
 TWO DIMENSIONAL FLOW

RADIAL VELOCITY

GS RATES (PER TIME)
 . **RADIAL VELOCITY**
 VELOCITY
 . **RADIAL VELOCITY**
 RT ASTRONOMICAL SPECTROSCOPY
 DOPPLER EFFECT
 RADAR TARGETS
 RED SHIFT
 VELOCITY MEASUREMENT

RADIANCE

SN (DIRECTIONAL EMISSION RATE PER
 UNIT AREA OF RADIATION)
 GS ELECTROMAGNETIC PROPERTIES
 . OPTICAL PROPERTIES
 . . **RADIANCE**
 RATES (PER TIME)
 . FLUX DENSITY
 . . **RADIANT FLUX DENSITY**
 . . . **RADIANCE**
 RT BLACK BODY RADIATION
 BRIGHTNESS
 EMISSIVITY
 EMITTANCE
 GLARE
 INCANDESCENCE
 ∞ INTENSITY
 IRRADIANCE
 LUMENS
 LUMINOSITY

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RADIANCE-(CONT.)

NEUTRON FLUX DENSITY
 SOLAR FLUX DENSITY
 TRANSMISSOMETERS
 VISIBILITY

RADIANCY

SN (EMISSION RATE PER UNIT AREA OF
 RADIATION)
 GS RATES (PER TIME)
 . FLUX DENSITY
 . . **RADIANT FLUX DENSITY**
 . . . **RADIANCY**
 RT ELECTRON FLUX DENSITY
 ILLUMINANCE
 LUMINOUS INTENSITY
 NEUTRON FLUX DENSITY
 PARTICLE FLUX DENSITY
 PROTON FLUX DENSITY
 SOLAR FLUX DENSITY

RADIANT COOLING

GS COOLING
 . **RADIANT COOLING**
 RT RADIATIVE HEAT TRANSFER
 SURFACE COOLING

RADIANT ENERGY

USE RADIATION

RADIANT FLUX DENSITY

SN (DYNES/CM-SEC AS DISTINGUISHED
 FROM FROM RADIATION
 PRESSURE-DYNES/CM2)
 UF POWER DENSITY (ELECTROMAGNETIC)
 RADIANT INTENSITY
 RADIATION INTENSITY
 GS RATES (PER TIME)
 . FLUX DENSITY
 . . **RADIANT FLUX DENSITY**
 . . . IRRADIANCE
 . . . ILLUMINANCE
 . . . SOLAR CONSTANT
 . . . LUMENS
 . . . LUMINOUS INTENSITY
 . . . ILLUMINANCE
 . . . LUMINANCE
 . . . PARTICLE FLUX DENSITY
 . . . ELECTRON FLUX DENSITY
 . . . NEUTRON FLUX DENSITY
 . . . PROTON FLUX DENSITY
 . . . RADIANCE
 . . . RADIANCY
 . . . SOLAR FLUX DENSITY
 . . . SOLAR CONSTANT
 RT BL LACERTAE OBJECTS
 BRIGHTNESS
 BRIGHTNESS DISTRIBUTION
 DOSIMETERS
 EMISSIVITY
 EMITTANCE
 FAR FIELDS
 FLUX (RATE)
 GAMMA RAY BURSTS
 LASER OUTPUTS
 LUMINOSITY
 MASER OUTPUTS
 MASS TO LIGHT RATIOS
 POST-BLAST NUCLEAR RADIATION
 RADIATION COUNTERS
 RADIATION PRESSURE
 RADIO SPECTRA
 SCATTERING FUNCTIONS
 SOLAR REFLECTORS
 SOUND INTENSITY
 VIEW EFFECTS

RADIANT HEATING

UF RADIATION HEATING
 GS HEATING
 . **RADIANT HEATING**
 RT ∞ ENERGY
 GAS HEATING
 RADIATIVE HEAT TRANSFER
 RADIATIVE TRANSFER
 SOLAR HEATING

RADIANT INTENSITY

USE RADIANT FLUX DENSITY

∞ RADIATION

SN (USE OF A MORE SPECIFIC TERM IS
 RECOMMENDED--CONSULT THE TERMS
 LISTED BELOW)

RADIATION-(CONT.)

UF RADIANT ENERGY
 RADIATION EMISSION
 RT ATMOSPHERIC RADIATION
 BACKGROUND NOISE
 BASE HEATING
 BEAMS (RADIATION)
 COHERENT RADIATION
 CONTINUOUS RADIATION
 CORPUSCULAR RADIATION
 COSMIC RAYS
 DIFFUSE RADIATION
 ELASTIC WAVES
 ELECTROMAGNETIC RADIATION
 ELECTRON RADIATION
 EMISSION
 EXTRATERRESTRIAL RADIATION
 FALLOUT
 FLUX (RATE)
 FLUX DENSITY
 GALACTIC RADIATION
 GEOPHYSICS
 HARMONIC RADIATION
 HEATING
 INCIDENT RADIATION
 INTERSTELLAR RADIATION
 IONIZING RADIATION
 IRRADIATION
 KIRCHHOFF LAW OF RADIATION
 LONGITUDINAL WAVES
 LUNAR RADIATION
 NUCLEAR RADIATION
 NUCLEON POTENTIAL
 PHOTONS
 PLANE WAVES
 PLASMA RADIATION
 POLARIZED RADIATION
 PULSED RADIATION
 QUANTUM THEORY
 RADIATIVE TRANSFER
 RADIOACTIVITY
 RADIOLOGY
 SELF ABSORPTION
 SOLAR RADIATION
 SPECTRAL EMISSION
 STANDING WAVES
 STELLAR RADIATION
 TEMPERATURE EFFECTS
 TERRESTRIAL RADIATION
 THERMAL RADIATION
 TRAP PROGRAM
 VOLTERRA EQUATIONS
 X RAY SOURCES

RADIATION ABSORPTION

GS RADIATION ABSORPTION
 . ATMOSPHERIC ATTENUATION
 . AURORAL ABSORPTION
 . ELECTROMAGNETIC ABSORPTION
 . AURORAL ABSORPTION
 . GAMMA RAY ABSORPTION
 . INFRARED ABSORPTION
 . MULTIPHOTON ABSORPTION
 . PHOTOABSORPTION
 . POLAR CAP ABSORPTION
 . ULTRAVIOLET ABSORPTION
 . X RAY ABSORPTION
 . MOLECULAR ABSORPTION
 . SELF ABSORPTION
 RT ∞ ABSORPTION
 ABSORPTION CROSS SECTIONS
 GAMMA RAY ABSORPTIOMETRY
 GOLAY DETECTOR CELLS
 GRAY GAS
 INTERSTELLAR EXTINCTION
 MATERIAL ABSORPTION
 NEUTRON ABSORBERS
 NUCLEAR REACTIONS
 PHOTON ABSORPTIOMETRY
 RADIATION CHEMISTRY
 STOPPING POWER

RADIATION AND METEOROID SATELLITE

GS SATELLITES
 . ARTIFICIAL SATELLITES
 . GEOPHYSICAL SATELLITES
 . . RADIATION AND METEOROID
 SATELLITE
 . EARTH SATELLITES
 . . GEOPHYSICAL SATELLITES
 . . . RADIATION AND METEOROID
 SATELLITE

RADIATION BELTS

UF GEOMAGNETICALLY TRAPPED
 PARTICLES
 GS VAN ALLEN RADIATION BELTS
 EARTH ATMOSPHERE
 . RADIATION BELTS
 . . ARTIFICIAL RADIATION BELTS
 . . . INNER RADIATION BELT
 . . . OUTER RADIATION BELT
 . . . PROTON BELTS
 PARTICLES
 . CHARGED PARTICLES
 . . MAGNETICALLY TRAPPED PARTICLES
 . . . RADIATION BELTS
 ARTIFICIAL RADIATION BELTS
 INNER RADIATION BELT
 OUTER RADIATION BELT
 PROTON BELTS
 . . CORPUSCULAR RADIATION
 . . RADIATION BELTS
 . . TRAPPED PARTICLES
 . . . MAGNETICALLY TRAPPED PARTICLES
 RADIATION BELTS
 ARTIFICIAL RADIATION BELTS
 INNER RADIATION BELT
 OUTER RADIATION BELT
 PROTON BELTS
 RT AEROSPACE ENVIRONMENTS
 ∞ BELTS
 COSMIC RAYS
 ELECTRON DENSITY (CONCENTRATION)
 ELECTRON PRECIPITATION
 ELECTRON TRAJECTORIES
 ELECTRONS
 ELEMENTARY PARTICLES
 ENTRAPMENT
 EXOSPHERE
 EXTRATERRESTRIAL RADIATION
 IONIZING RADIATION
 IONOSPHERIC DRIFT
 MAGNETIC FIELDS
 MAGNETOSPHERE
 MIRROR POINT
 PLASMAS (PHYSICS)
 PROTON PRECIPITATION
 PROTONS
 SOLAR RADIATION
 TRAPPING
 UPPER ATMOSPHERE

RADIATION CHEMISTRY

GS RADIATION CHEMISTRY
 . PHOTODECOMPOSITION
 . PHOTODISSOCIATION
 . PHOTOLYSIS
 RT ∞ CHEMISTRY
 ELECTROMAGNETIC RADIATION
 RADIATION ABSORPTION

RADIATION COUNTERS

UF IONIZATION COUNTERS
 PARTICLE COUNTERS
 PARTICLE DETECTORS
 GS MEASURING INSTRUMENTS
 . COUNTERS
 . . RADIATION COUNTERS
 . . . CERENKOV COUNTERS
 . . . ELECTRON COUNTERS
 . . . GEIGER COUNTERS
 . . . NEUTRON COUNTERS
 . . . NEUTRON SPECTROMETERS
 . . . PARTICLE TELESCOPES
 . . . PROPORTIONAL COUNTERS
 . . . QUANTUM COUNTERS
 . . . SCINTILLATION COUNTERS
 . . . SPARK CHAMBERS
 . . RADIATION MEASURING INSTRUMENTS
 . . . RADIATION COUNTERS
 CERENKOV COUNTERS
 ELECTRON COUNTERS
 GEIGER COUNTERS
 NEUTRON COUNTERS
 NEUTRON SPECTROMETERS
 PARTICLE TELESCOPES
 PROPORTIONAL COUNTERS
 QUANTUM COUNTERS
 SCINTILLATION COUNTERS
 SPARK CHAMBERS
 RT BUBBLE CHAMBERS
 CHANNEL MULTIPLIERS
 CLOUD CHAMBERS
 COINCIDENCE CIRCUITS
 DOSIMETERS
 ELECTROSTATIC PROBES
 FLUENCE

RADIATION COUNTERS-(CONT.)

GAS DISCHARGE TUBES
 HODOSCOPES
 ION TRAPS (INSTRUMENTATION)
 IONIZATION CHAMBERS
 IONIZING RADIATION
 NUCLEAR EMULSIONS
 PARTICLE FLUX DENSITY
 PROTON FLUX DENSITY
 RADIANT FLUX DENSITY
 SPECTROMETERS

RADIATION DAMAGE

GS DAMAGE
 . RADIATION DAMAGE
 . . LASER DAMAGE
 . . RADIATION EFFECTS
 . . RADIATION DAMAGE
 RT IONIZING RADIATION

RADIATION DETECTORS

GS MEASURING INSTRUMENTS
 . RADIATION MEASURING INSTRUMENTS
 . . RADIATION DETECTORS
 . . . DOSIMETERS
 . . . THRESHOLD DETECTORS
 (DOSIMETERS)
 GOLAY DETECTOR CELLS
 SILICON RADIATION DETECTORS
 RT ∞ DETECTORS
 GEIGER COUNTERS
 HEALTH PHYSICS
 SATELLITE-BORNE INSTRUMENTS
 VELA SATELLITES

RADIATION DISTRIBUTION

UF RADIATION FIELDS
 GS DISTRIBUTION (PROPERTY)
 . RADIATION DISTRIBUTION
 . . ANTENNA RADIATION PATTERNS
 . . . SIDELOBES
 . . . DIFFRACTION PATTERNS
 . . . KOSSEL PATTERN
 . . . RAINBOWS
 RT CORPUSCULAR RADIATION
 ELASTIC WAVES
 ELECTROMAGNETIC RADIATION
 FIELD THEORY (PHYSICS)
 FLUX DENSITY
 NULL ZONES
 ∞ PATTERNS
 VERTICAL DISTRIBUTION
 WAVE DISPERSION

RADIATION DOSAGE

UF RADIATION EXPOSURE
 GS DOSAGE
 . RADIATION DOSAGE
 RT BIOLOGICAL EFFECTS
 DOSIMETERS
 EXPOSURE
 HEALTH PHYSICS
 IRRADIATION

RADIATION EFFECTS

GS RADIATION EFFECTS
 . LASER DAMAGE
 . RADIATION DAMAGE
 . RADIATION INJURIES
 . RADIOLYSIS
 RT BIOLOGICAL EFFECTS
 BLACKOUT (PROPAGATION)
 BRAGG CURVE
 DAMAGE
 DOSIMETERS
 ∞ EFFECTS
 ELECTRON RADIATION
 FALLOUT
 GAMMA RAYS
 HEALTH PHYSICS
 HEMATOPOIESIS
 IRRADIATION
 MECHANICAL PROPERTIES
 NEUTRONS
 NUCLEAR EXPLOSION EFFECT
 NUCLEAR RADIATION
 NUCLEAR VULNERABILITY
 PARTICLE TRACKS
 PHYSIOLOGICAL EFFECTS
 POST-BLAST NUCLEAR RADIATION
 POYNTING-ROBERTSON EFFECT
 PRESERVING
 RADIOACTIVE CONTAMINANTS
 SPACE BASED RADAR

RADIATION EMISSION

RADIATION EMISSION

USE RADIATION

RADIATION EXPOSURE

USE RADIATION DOSAGE

RADIATION FIELDS

USE RADIATION DISTRIBUTION

RADIATION HARDENING

RT ANTENNAS
ELECTRONIC EQUIPMENT

RADIATION HAZARDS

GS HAZARDS
RT RADIATION HAZARDS
DERMATITIS
DOSIMETERS
ELECTROMAGNETIC RADIATION
FALLOUT
FLUX DENSITY
HEALTH PHYSICS
IONIZING RADIATION
LASER DAMAGE
MUTATIONS
NUCLEAR EXPLOSION EFFECT
NUCLEAR EXPLOSIONS
NUCLEAR RADIATION
OPERATIONAL HAZARDS
RADIOACTIVE CONTAMINANTS
RADIOACTIVE MATERIALS
RADIOACTIVE WASTES
RADIOACTIVITY
REACTOR SAFETY

RADIATION HEATING

USE RADIANT HEATING

RADIATION INJURIES

GS INJURIES
RT RADIATION INJURIES
RADIATION EFFECTS
BURNS (INJURIES)
HEALTH PHYSICS

RADIATION INTENSITY

USE RADIANT FLUX DENSITY

RADIATION LAWS

GS LAWS
RT RADIATION LAWS
KIRCHHOFF LAW OF RADIATION
STEFAN-BOLTZMANN LAW
STOKES LAW OF RADIATION
ELECTROMAGNETIC RADIATION
QUANTUM THEORY

RADIATION MEASUREMENT

RT DOSAGE
DOSIMETERS
IRRADIATION
MEASUREMENT
SENSITOMETRY

RADIATION MEASURING INSTRUMENTS

UF PHOTOELECTROMAGNETIC DETECTORS
PHOTOSENSORS
RADIATION METERS
GS MEASURING INSTRUMENTS
RADIATION MEASURING
INSTRUMENTS
ACTINOMETERS
INFRARED SPECTROMETERS
PYRANOMETERS
RADIOMETERS
DICKE RADIOMETERS
INFRARED DETECTORS
INFRARED SCANNERS
MICROWAVE RADIOMETERS
PASSIVE L-BAND RADIOMETERS
PRESSURE MODULATOR
RADIOMETERS
SPECTRORADIOMETERS
SOLAR SPECTROMETERS
SPECTROHELIOGRAPHS
SPECTROPHOTOMETERS
INFRARED
SPECTROPHOTOMETERS
ULTRAVIOLET
SPECTROPHOTOMETERS
ULTRAVIOLET SPECTROMETERS
BOLOMETERS
EBERT SPECTROMETERS

RADIATION MEASURING INSTRUMENTS-(CONT.)

.. ELECTROSTATIC PROBES
.. FABRY-PEROT SPECTROMETERS
.. HODOSCOPES
.. INFRARED INSTRUMENTS
.. INFRARED DETECTORS
.. FLIR DETECTORS
.. INFRARED SCANNERS
.. INFRARED SPECTROMETERS
.. INFRARED SPECTROPHOTOMETERS
.. PHOTOMETERS
.. ELECTROPHOTOMETERS
.. ULTRAVIOLET SPECTROMETERS
.. ULTRAVIOLET
SPECTROPHOTOMETERS
.. RADIATION COUNTERS
.. CERENKOV COUNTERS
.. ELECTRON COUNTERS
.. GEIGER COUNTERS
.. NEUTRON COUNTERS
.. NEUTRON SPECTROMETERS
.. PARTICLE TELESCOPES
.. PROPORTIONAL COUNTERS
.. QUANTUM COUNTERS
.. SCINTILLATION COUNTERS
.. SPARK CHAMBERS
.. RADIATION DETECTORS
.. DOSIMETERS
.. THRESHOLD DETECTORS
(DOSIMETERS)
.. GOLAY DETECTOR CELLS
.. SILICON RADIATION DETECTORS
.. RIOMETERS
RT DETECTORS
EARTH RADIATION BUDGET
EXPERIMENT
HEALTH PHYSICS
IONIZATION CHAMBERS
MONITORS
NUCLEAR EMULSIONS
OPTICAL MEASURING INSTRUMENTS
SAFETY DEVICES
SOLAR INSTRUMENTS
VELA SATELLITES
VIEW EFFECTS

RADIATION MEDICINE

GS MEDICAL SCIENCE
RT RADIATION MEDICINE
RADIOBIOLOGY
ANTIRADIATION DRUGS
HEALTH PHYSICS
RADIOPATHOLOGY

RADIATION METEOROID SPACECRAFT

RT METEORIODS
SPACECRAFT
SPACECRAFT CONFIGURATIONS

RADIATION METERS

USE RADIATION MEASURING INSTRUMENTS

RADIATION NOISE

USE ELECTROMAGNETIC NOISE

RADIATION PRESSURE

SN (DYNES PER CM SQUARED, AS
DISTINGUISHED FROM RADIANT FLUX
DENSITY--DYNES PER CM-SEC)
GS PRESSURE
RADIATION PRESSURE
ELECTRON PRESSURE
LUMENS
LUMINOUS INTENSITY
ILLUMINANCE
LUMINANCE
SOUND PRESSURE
RT BAROCLINIC WAVES
BESSEL-BREDICHIN THEORY
COMET TAILS
CORPUSCULAR RADIATION
ELASTIC WAVES
ELECTROMAGNETIC RADIATION
KOHOUTEK COMET
PARTICLE FLUX DENSITY
PERTURBATION
RADIANT FLUX DENSITY
SOLAR FLUX DENSITY
SOLAR RADIATION
SOLAR WIND
STELLAR WINDS

RADIATION PROTECTION

GS PROTECTION
RADIATION PROTECTION

NASA THESAURUS (VOLUME 1)

RADIATION PROTECTION-(CONT.)

.. RADIATION SHIELDING
.. SOLAR RADIATION SHIELDING
RT ANTIRADIATION DRUGS
HEALTH PHYSICS
SYNCHROTRON RADIATION
THERMAL PROTECTION
VISORS

RADIATION PYROMETERS

GS MEASURING INSTRUMENTS
TEMPERATURE MEASURING
INSTRUMENTS
PYROMETERS
RT RADIATION PYROMETERS
BOLOMETERS
CIRCUMSOLAR TELESCOPES
OPTICAL PYROMETERS
TEMPERATURE MEASUREMENT
THERMOCOUPLE PYROMETERS

RADIATION RESISTANCE

USE RADIATION TOLERANCE

RADIATION SHIELDING

UF NUCLEAR SHIELDING
GS PROTECTION
RADIATION PROTECTION
RADIATION SHIELDING
SOLAR RADIATION SHIELDING
SHIELDING
RADIATION SHIELDING
SOLAR RADIATION SHIELDING
RT ABSORBERS (MATERIALS)
ATTENUATORS
BORAL
ELECTROMAGNETIC ABSORPTION
ELECTROMAGNETIC SHIELDING
GAMMA RAYS
INSULATED STRUCTURES
MAGNETIC SHIELDING
NEUTRON ABSORBERS
NEUTRON FLUX DENSITY
NEUTRONS
NUCLEAR REACTORS
PROTONS
RADIO FREQUENCY SHIELDING
REACTOR MATERIALS
REFLECTORS
SAFETY DEVICES
SPACE BASED RADAR
SPACECRAFT SHIELDING
STOPPING POWER
TOWER SHIELDING REACTOR 2

RADIATION SICKNESS

GS DISEASES
RT RADIATION SICKNESS
ANTIRADIATION DRUGS
DERMATITIS
HEALTH PHYSICS
RADIOPATHOLOGY

RADIATION SOURCES

UF COHERENT SOURCES
GS RADIATION SOURCES
MONOCHROMATORS
NEUTRON SOURCES
POINT SOURCES
RT CORPUSCULAR RADIATION
DUOCHROMATORS
ELECTROMAGNETIC RADIATION
ELECTRON SOURCES
EXTARS
EXTRAGALACTIC RADIO SOURCES
GENERATORS
HEAT SOURCES
INTERSTELLAR MASERS
ION SOURCES
LIGHT SOURCES
PULSARS
RADIO SOURCES (ASTRONOMY)
RADIOACTIVE MATERIALS
SOUND GENERATORS
SOURCES

RADIATION SPECTRA

GS SPECTRA
RADIATION SPECTRA
ELECTROMAGNETIC SPECTRA
GAMMA RAY SPECTRA
INFRARED SPECTRA
LINE SPECTRA
BALMER SERIES
D LINES

RADIATION SPECTRA-(CONT.)

. ELECTRONIC SPECTRA
 FRAUNHOFER LINES
 H LINES
 H ALPHA LINE
 H BETA LINE
 H GAMMA LINE
 K LINES
 LYMAN SPECTRA
 PASCHEN SERIES
 RYDBERG SERIES
 TELLURIC LINES
 RADIO SPECTRA
 MICROWAVE SPECTRA
 RAMAN SPECTRA
 STELLAR SPECTRA
 SOLAR SPECTRA
 UVB SPECTRA
 ULTRAVIOLET SPECTRA
 VIBRATIONAL SPECTRA
 VISIBLE SPECTRUM
 X RAY SPECTRA
 EMISSION SPECTRA
 HERZBERG BANDS
 RT ASTRONOMICAL SPECTROSCOPY
 COSMIC BACKGROUND EXPLORER
 SATELLITE
 ENERGY SPECTRA
 GAMMA RAY SPECTRA
 MASS SPECTRA
 NOISE SPECTRA
 PLASMA SPECTRA

RADIATION THERAPY

UF RADIOTHERAPY
 GS THERAPY
 **RADIATION THERAPY**
 RT CANCER
 MEDICAL SCIENCE
 PATHOLOGY

RADIATION TOLERANCE

UF RADIATION RESISTANCE
 RADIOSENSITIVITY
 GS SENSITIVITY
 **RADIATION TOLERANCE**
 TOLERANCES (PHYSIOLOGY)
 **RADIATION TOLERANCE**
 RT HUMAN TOLERANCES
 IRRADIATION
 ∞ RESISTANCE
 TOLERANCES (MECHANICS)

RADIATION TRANSPORT

RT EXPLODING WIRES
 RADIATIVE TRANSFER
 TRANSPORT PROPERTIES

RADIATION TRAPPING

RT ARGON
 EXCITATION
 MAGNETOSPHERE
 METASTABLE STATE
 PLASMA PHYSICS

RADIATIVE HEAT TRANSFER

GS RADIATIVE TRANSFER
 **RADIATIVE HEAT TRANSFER**
 TRANSMISSION
 HEAT TRANSMISSION
 HEAT TRANSFER
 **RADIATIVE HEAT TRANSFER**
 RT CONCENTRATORS
 CONVECTIVE HEAT TRANSFER
 COOLING FINS
 HEAT RADIATORS
 INFRARED REFLECTION
 NEAR INFRARED RADIATION
 RADIANT COOLING
 RADIANT HEATING
 SATELLITE TEMPERATURE
 SPACECRAFT RADIATORS
 STEFAN-BOLTZMANN LAW
 SURFACE COOLING
 THERMOHYDRAULICS
 TROMBE WALLS
 VIEW EFFECTS

RADIATIVE LIFETIME

RT DECAY
 HALF LIFE

RADIATIVE RECOMBINATION

GS RECOMBINATION REACTIONS
 ELECTRON RECOMBINATION

RADIATIVE RECOMBINATION-(CONT.)

. **RADIATIVE RECOMBINATION**
 ELECTRON-ION RECOMBINATION
 **RADIATIVE RECOMBINATION**
 RT AIRGLOW
 ATOMIC RECOMBINATION
 CARRIER INJECTION
 DEIONIZATION
 LIGHTNING

RADIATIVE TRANSFER

GS **RADIATIVE TRANSFER**
 RADIATIVE HEAT TRANSFER
 RT COSMIC RAYS
 ELECTROMAGNETIC RADIATION
 ENERGY TRANSFER
 EXTRATERRESTRIAL RADIATION
 GALACTIC RADIATION
 HEAT TRANSFER
 HEAT TRANSMISSION
 INTERSTELLAR RADIATION
 NEAR INFRARED RADIATION
 PLANETARY ATMOSPHERES
 POLARIZED ELECTROMAGNETIC
 RADIATION
 RADIANT HEATING
 ∞ RADIATION
 RADIATION TRANSPORT
 RADIO BURSTS
 RADIO STARS
 SOLAR RADIATION
 STELLAR ATMOSPHERES
 STELLAR RADIATION

∞ RADIATORS

SN *(USE OF A MORE SPECIFIC TERM IS
 RECOMMENDED--CONSULT THE TERMS
 LISTED BELOW)*
 RT ANTENNAS
 HEAT RADIATORS
 SOUND TRANSDUCERS
 THERMOSIPHONS

RADICALS

GS **RADICALS**
 FREE RADICALS
 HYDROXYL RADICALS
 VANADYL RADICAL
 VINYL RADICAL
 RT ∞ ROOTS

RADII

UF RADIUS
 GS DIMENSIONS
 **RADII**
 LARMOR RADIUS
 GEOMETRY
 EUCLIDEAN GEOMETRY
 **RADII**
 RT CIRCLES (GEOMETRY)
 CIRCUMFERENCES
 DIAMETERS
 LINES (GEOMETRY)
 RADIO FREQUENCIES
 SEGMENTS

RADIO ALTIMETERS

UF RADAR ALTIMETERS
 GS AIRCRAFT INSTRUMENTS
 ALTIMETERS
 **RADIO ALTIMETERS**
 FLIGHT INSTRUMENTS
 **RADIO ALTIMETERS**
 MEASURING INSTRUMENTS
 DISTANCE MEASURING EQUIPMENT
 ALTIMETERS
 **RADIO ALTIMETERS**
 RT AUTOMATIC PILOTS
 INSTRUMENT LANDING SYSTEMS
 RADAR MEASUREMENT

RADIO ANTENNAS

GS ANTENNAS
 **RADIO ANTENNAS**
 MICROWAVE ANTENNAS
 SPACETENNAS
 RADIO EQUIPMENT
 **RADIO ANTENNAS**
 RT AIRCRAFT ANTENNAS
 DIRECTIONAL ANTENNAS
 OMNIDIRECTIONAL ANTENNAS
 RECEPTION DIVERSITY
 RHOMBIC ANTENNAS
 SATELLITE ANTENNAS
 SCHWARZSCHILD ANTENNAS

RADIO ANTENNAS-(CONT.)

TWO REFLECTOR ANTENNAS
 WHIP ANTENNAS

RADIO ASTRONOMY

GS ASTRONOMY
 **RADIO ASTRONOMY**
 GAMMA RAY ASTRONOMY
 RT ASTRONOMICAL OBSERVATORIES
 ASTRONOMICAL SPECTROSCOPY
 BRIGHTNESS DISTRIBUTION
 BRIGHTNESS TEMPERATURE
 CORONAL HOLES
 EXTRAGALACTIC RADIO SOURCES
 EXTRATERRESTRIAL RADIO WAVES
 IUE
 LINEAR POLARIZATION
 MAFFEI GALAXIES
 MICHELSON INTERFEROMETERS
 PHASE SWITCHING INTERFEROMETERS
 PULSARS
 QUASARS
 RADAR ASTRONOMY
 SAS-2
 SAS-3
 VERY HIGH FREQUENCY RADIO
 EQUIPMENT
 VERY LONG BASE INTERFEROMETRY

RADIO ASTRONOMY EXPLORER B

USE EXPLORER 49 SATELLITE

RADIO ASTRONOMY EXPLORER SATELLITE

GS SATELLITES
 ARTIFICIAL SATELLITES
 EXPLORER SATELLITES
 **RADIO ASTRONOMY EXPLORER
 SATELLITE**
 EARTH SATELLITES
 EXPLORER SATELLITES
 **RADIO ASTRONOMY EXPLORER
 SATELLITE**

RADIO ASTRONOMY EXPLORER 2

USE EXPLORER 49 SATELLITE

RADIO ATTENUATION

UF RADIO SIGNAL ATTENUATION
 GS ATTENUATION
 WAVE ATTENUATION
 **RADIO ATTENUATION**
 MANDELSTAM REPRESENTATION
 RT ATMOSPHERIC ATTENUATION
 ELECTROMAGNETIC ABSORPTION
 ELECTROMAGNETIC WAVE
 TRANSMISSION
 GROUND EFFECT (COMMUNICATIONS)
 RADAR ATTENUATION
 SIGNAL TRANSMISSION
 TRANSHORIZON RADIO PROPAGATION
 TRANSMISSION
 WAVE PROPAGATION

RADIO ATTENUATION MEASUREMENT PROJECT

UF RAM PROJECT
 GS PROGRAMS
 PROJECTS
 **RADIO ATTENUATION
 MEASUREMENT PROJECT**

RADIO AURORAS

GS ATMOSPHERIC RADIATION
 AURORAS
 **RADIO AURORAS**
 RT ∞ DISTURBANCES
 IONOSPHERICS
 NIGHTGLOW
 SOLAR ACTIVITY

RADIO BEACONS

UF RADIO RANGES
 GS NAVIGATION AIDS
 BEACONS
 **RADIO BEACONS**
 OMNIDIRECTIONAL RADIO RANGES
 SELF CALIBRATING OMNIRANGE
 RADIO EQUIPMENT
 RADIO TRANSMITTERS
 **RADIO BEACONS**
 OMNIDIRECTIONAL RADIO RANGES
 SELF CALIBRATING OMNIRANGE
 TRANSMITTERS
 RADIO TRANSMITTERS
 **RADIO BEACONS**
 OMNIDIRECTIONAL RADIO RANGES

RADIO BROADCASTING

RADIO BEACONS-(CONT.)

RT SELF CALIBRATING OMNIRANGE
AIRPORT BEACONS
BEACON COLLISION AVOIDANCE
SYSTEM
HOMING DEVICES
INSTRUMENT LANDING SYSTEMS
LANDING AIDS
∞ MARKERS
NIGHT FLIGHTS (AIRCRAFT)
ORBIT
ORBIT CAL SATELLITE
RANGES (FACILITIES)
SOLAR COMPASSES

RADIO BROADCASTING USE BROADCASTING

RADIO BURSTS

GS BURSTS
. RADIO BURSTS
. . . SOLAR RADIO BURSTS
. . . TYPE 2 BURSTS
. . . TYPE 3 BURSTS
. . . TYPE 4 BURSTS
. . . TYPE 5 BURSTS
ELECTROMAGNETIC RADIATION
. RADIO WAVES
. . . EXTRATERRESTRIAL RADIO WAVES
. . . RADIO BURSTS
. . . . SOLAR RADIO BURSTS
. TYPE 2 BURSTS
. TYPE 3 BURSTS
. TYPE 4 BURSTS
. TYPE 5 BURSTS
. . . RADIO EMISSION
. . . RADIO BURSTS
. . . . SOLAR RADIO BURSTS
. TYPE 2 BURSTS
. TYPE 3 BURSTS
. TYPE 4 BURSTS
. TYPE 5 BURSTS
EXTRATERRESTRIAL RADIATION
. EXTRATERRESTRIAL RADIO WAVES
. . RADIO BURSTS
. . . SOLAR RADIO BURSTS
. . . . TYPE 2 BURSTS
. . . . TYPE 3 BURSTS
. . . . TYPE 4 BURSTS
. . . . TYPE 5 BURSTS
RT ∞ DISTURBANCES
PULSARS
QUASARS
RADIATIVE TRANSFER
SOLAR RADIO EMISSION
STELLAR RADIATION

RADIO COMMUNICATION

GS TELECOMMUNICATION
. RADIO COMMUNICATION
. . RADIO RELAY SYSTEMS
. . . CODE DIVISION MULTIPLE ACCESS
. . . TIME DIVISION MULTIPLE ACCESS
. . RADIO TELEGRAPHY
. . RADIO TELEMETRY
. . . PULSE FREQUENCY MODULATION
. . . . TELEMETRY
. . . TELEPHONY
ACCESS CONTROL
RT AIRCRAFT COMMUNICATION
BLACKOUT (PROPAGATION)
BROADCASTING
CIRCUMLUNAR COMMUNICATION
CODE DIVISION MULTIPLEXING
COMMUNICATION EQUIPMENT
COMMUNICATION NETWORKS
FLEET SATELLITE COMMUNICATION
SYSTEM
FREQUENCY DIVISION MULTIPLE
ACCESS
FREQUENCY DIVISION MULTIPLEXING
GROUND-AIR-GROUND COMMUNICATION
INTERPLANETARY COMMUNICATION
INTERSTELLAR COMMUNICATION
LAND MOBILE SATELLITE SERVICE
LUNAR COMMUNICATION
MARISAT SATELLITES
MARISAT 1 SATELLITE
MSAT
NASCOM NETWORK
POINT TO POINT COMMUNICATION
PROJECT SETI
PULSE COMMUNICATION
RADIOTELEPHONES
REENTRY COMMUNICATION

RADIO COMMUNICATION-(CONT.)

SPACE COMMUNICATION
SPACECRAFT COMMUNICATION
TELEGRAPH SYSTEMS
TELEMETRY
TELEVISION SYSTEMS
TRANSOCEANIC COMMUNICATION
UNDERGROUND COMMUNICATION
VOCODERS
VOICE COMMUNICATION

RADIO CONTROL

GS REMOTE CONTROL
. RADIO CONTROL
RT AIRCRAFT CONTROL
AUTOMATIC CONTROL
DEEP SPACE INSTRUMENTATION
FACILITY
GROUND BASED CONTROL
MISSILE CONTROL
SPACECRAFT CONTROL

RADIO DIRECTION FINDERS

UF DIRECTION FINDERS (RADIO)
RADAR DIRECTION FINDERS
GS AIRCRAFT INSTRUMENTS
. POSITION INDICATORS
. . RADIO DIRECTION FINDERS
DISPLAY DEVICES
. POSITION INDICATORS
. . RADIO DIRECTION FINDERS
MEASURING INSTRUMENTS
. INDICATING INSTRUMENTS
. . POSITION INDICATORS
. . . RADIO DIRECTION FINDERS
NAVIGATION AIDS
. BEACONS
. . RADIO DIRECTION FINDERS
. . NAVIGATION INSTRUMENTS
. . . RADIO DIRECTION FINDERS
RT AIRCRAFT EQUIPMENT
COMPASSES
FLIGHT INSTRUMENTS
GYROCOMPASSES
HOMING
HOMING DEVICES
RADIOGONIOMETERS
VHF OMNIRANGE NAVIGATION

RADIO ECHOES

UF RADIO REFLECTION
GS ECHOES
. RADIO ECHOES
RT ANGELS
AURORAL ECHOES
GHOSTS
HARVARD RADIO METEOR PROJECT
INFRARED REFLECTION
LUNAR ECHOES
RADAR REFLECTORS
ULTRAVIOLET REFLECTION

RADIO ELECTRONICS

RT ∞ ELECTRONICS

RADIO EMISSION

GS DECAY
. EMISSION
. . RADIO EMISSION
. . . CN EMISSION
. . . HYDROXYL EMISSION
. . . SOLAR RADIO EMISSION
. . . . SOLAR RADIO BURSTS
. TYPE 2 BURSTS
. TYPE 3 BURSTS
. TYPE 4 BURSTS
. TYPE 5 BURSTS
ELECTROMAGNETIC RADIATION
. RADIO WAVES
. . RADIO EMISSION
. . . CN EMISSION
. . . HYDROXYL EMISSION
. . . RADIO BURSTS
. . . . SOLAR RADIO BURSTS
. TYPE 2 BURSTS
. TYPE 3 BURSTS
. TYPE 4 BURSTS
. TYPE 5 BURSTS
. . . SOLAR RADIO EMISSION
. . . . SOLAR RADIO BURSTS
. TYPE 2 BURSTS
. TYPE 3 BURSTS
. TYPE 4 BURSTS
. TYPE 5 BURSTS
RT EXTRAGALACTIC RADIO SOURCES

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RADIO EMISSION-(CONT.)

EXTRATERRESTRIAL RADIO WAVES
QUASARS

RADIO EQUIPMENT

GS RADIO EQUIPMENT
. RADIO ANTENNAS
. RADIO FILTERS
. RADIO RECEIVERS
. . SUPERHETERODYNE RECEIVERS
. . TRANSMITTER RECEIVERS
. . WHISTLER RECORDERS
. RADIO TELESCOPES
. RADIO TRANSMITTERS
. . RADIO BEACONS
. . . OMNIDIRECTIONAL RADIO RANGES
. . . . SELF CALIBRATING OMNIRANGE
. . . . RADIOSONDES
. ENDORADIOSONDES
. IONOSONDES
. RAWINSONDES
. RADIOTELEPHONES
. SONOBUOYS
. . . TRANSMITTER RECEIVERS
. . RECEPTION DIVERSITY
. . SPACECRAFT ANTENNAS
. . TRANSPONDERS
. . VERY HIGH FREQUENCY RADIO
EQUIPMENT
RT AIRBORNE EQUIPMENT
ANTENNAS
BROADCASTING
COMMUNICATION EQUIPMENT
CRYSTAL FILTERS
CYLINDRICAL ANTENNAS
JAMMERS
NEAR FIELDS
ONBOARD EQUIPMENT
RADAR EQUIPMENT

RADIO FILTERS

GS ELECTROMAGNETIC WAVE FILTERS
. ELECTRIC FILTERS
. . RADIO FILTERS
RADIO EQUIPMENT
. RADIO FILTERS
RT CRYSTAL FILTERS
∞ FILTERS
INTERFERENCE GRATING
MICROWAVE FILTERS
RADAR FILTERS

RADIO FREQUENCIES

GS FREQUENCIES
. RADIO FREQUENCIES
. . EXTREMELY LOW RADIO
FREQUENCIES
. . HIGH FREQUENCIES
. . LOW FREQUENCIES
. . . SUBAUDIBLE FREQUENCIES
. . . VERY LOW FREQUENCIES
. . . LOW FREQUENCY BANDS
. . . VERY LOW FREQUENCIES
. . . MICROWAVE FREQUENCIES
. . . C BAND
. . . EXTREMELY HIGH FREQUENCIES
. . . P BAND
. . . SUPERHIGH FREQUENCIES
. . . ULTRAHIGH FREQUENCIES
. . . P BAND
. . . VERY HIGH FREQUENCIES
RT AUDIO FREQUENCIES
CARRIER FREQUENCIES
EXTREMELY LOW FREQUENCIES
INTERMEDIATE FREQUENCIES
RADI

RADIO FREQUENCY DISCHARGE

GS ELECTRIC CURRENT
. ELECTRIC DISCHARGES
. . RADIO FREQUENCY DISCHARGE
RT ELECTRODELESS DISCHARGES
ELECTRON EMISSION
RING DISCHARGE

RADIO FREQUENCY HEATING

GS HEATING
. RADIO FREQUENCY HEATING
RT INDUCTION HEATING
PLASMA HEATING

RADIO FREQUENCY IMPEDANCE PROBES

GS MEASURING INSTRUMENTS
. IMPEDANCE PROBES

RADIO FREQUENCY IMPEDANCE-(CONT.)**.. RADIO FREQUENCY IMPEDANCE PROBES**

RT IMPEDANCE MEASUREMENT
ION PROBES
MICROWAVE PROBES
PLASMA PROBES

RADIO FREQUENCY INTERFERENCE

UF RADIO INTERFERENCE
GS ELECTROMAGNETIC INTERFERENCE
.. **RADIO FREQUENCY INTERFERENCE**
.. BLACKOUT (PROPAGATION)
.. ELECTROMAGNETIC NOISE
.. .. ATMOSPHERICS
.. .. IONOSPHERICS
.. .. DAWN CHORUS
.. .. HISS
.. .. SUDDEN ENHANCEMENT OF ATMOSPHERICS
.. .. WHISTLERS
.. .. COSMIC NOISE
.. .. IONOSPHERIC NOISE
.. .. WHISTLERS
.. .. SHOT NOISE
.. .. WHITE NOISE
.. .. THERMAL NOISE
.. .. IONOSPHERIC CROSS MODULATION
.. .. POLAR RADIO BLACKOUT
.. CHIRP
RT CLUTTER
CROSS COUPLING
ELECTROMAGNETIC COMPATIBILITY
ELECTRONIC COUNTERMEASURES
ELECTRONIC WARFARE
EXTRATERRESTRIAL RADIO WAVES
∞ INTERFERENCE
INTERFERENCE GRATING
JAMMING
NOISE GENERATORS
NOISE STORMS
SIGNAL FADING

RADIO FREQUENCY NOISE

USE ELECTROMAGNETIC NOISE

RADIO FREQUENCY RADIATION

USE RADIO WAVES

RADIO FREQUENCY SHIELDING

GS SHIELDING
.. ELECTROMAGNETIC SHIELDING
.. **RADIO FREQUENCY SHIELDING**
RT RADIATION SHIELDING
SPACECRAFT SHIELDING

RADIO GALAXIES

GS CELESTIAL BODIES
.. GALAXIES
.. **RADIO GALAXIES**
.. RADIO SOURCES (ASTRONOMY)
.. EXTRAGALACTIC RADIO SOURCES
.. **RADIO GALAXIES**
RT -DISK GALAXIES
MAFFEI GALAXIES
QUASARS

RADIO HORIZONS

GS HORIZON
.. **RADIO HORIZONS**
RT HORIZON SCANNERS

RADIO INTERFERENCE

USE RADIO FREQUENCY INTERFERENCE

RADIO INTERFEROMETERS

GS MEASURING INSTRUMENTS
.. INTERFEROMETERS
.. **RADIO INTERFEROMETERS**
RT ASTROPHYSICS
ORION (RADIO INTERFEROMETRY NETWORK)
VERY LONG BASE INTERFEROMETRY

RADIO METEOROLOGY

GS METEOROLOGY
.. **RADIO METEOROLOGY**
RT ATMOSPHERICS
METEOROLOGICAL RADAR
RADIOSONDES

RADIO METEORS

GS CELESTIAL BODIES

RADIO METEORS-(CONT.)

.. METEORIODS
.. **RADIO METEORS**
RT ATMOSPHERIC IONIZATION
METEOR TRAILS

RADIO NAVIGATION

GS NAVIGATION
.. **RADIO NAVIGATION**
.. HYPERBOLIC NAVIGATION
.. DECCA NAVIGATION
.. LORAN NAVIGATION SYSTEM
.. LORAN
.. LORAN C
.. LORAN D
.. SHORAN
.. TACAN
RT VHF OMNIRANGE NAVIGATION
AIR NAVIGATION
AIR TRAFFIC CONTROL
AIRCRAFT GUIDANCE
ALL-WEATHER AIR NAVIGATION
ASTRONAVIGATION
AUTOMATIC FLIGHT CONTROL
CELESTIAL NAVIGATION
COLLISION AVOIDANCE
DEAD RECKONING
DISTANCE MEASURING EQUIPMENT
DOPPLER NAVIGATION
FLIGHT CONTROL
GUIDANCE (MOTION)
HOMING DEVICES
INERTIAL NAVIGATION
INTERPLANETARY NAVIGATION
NAVIGATION AIDS
OMNIDIRECTIONAL RADIO RANGES
POSITIONING
RADAR NAVIGATION
SATELLITE NAVIGATION SYSTEMS
SOLAR COMPASSES
SPACE NAVIGATION
SURFACE NAVIGATION

RADIO OBSERVATION

RT OBSERVATION
SPACE OBSERVATIONS (FROM EARTH)

RADIO OCCULTATION

GS OCCULTATION
.. **RADIO OCCULTATION**
RT ATMOSPHERIC COMPOSITION
ATMOSPHERIC PRESSURE
ATMOSPHERIC TEMPERATURE
PLANETARY ATMOSPHERES
SPACE PROBES
SPACECRAFT TRAJECTORIES

RADIO PHYSICS

RT ∞ PHYSICS
THEORETICAL PHYSICS

RADIO PROBING

RT MEASURING INSTRUMENTS
∞ PROBES

RADIO PROPAGATION

USE RADIO TRANSMISSION

RADIO RANGE

SN (EXCLUDES RADIO BEACONS)
GS DISTANCE
.. **RADIO RANGE**
RANGE (EXTREMES)
.. FREQUENCY RANGES
.. **RADIO RANGE**
RT RADAR RANGE

RADIO RANGES

USE RADIO BEACONS

RADIO RECEIVERS

GS COMMUNICATION EQUIPMENT
.. **RADIO RECEIVERS**
.. SUPERHETERODYNE RECEIVERS
.. TRANSMITTER RECEIVERS
.. WHISTLER RECORDERS
RADIO EQUIPMENT
.. **RADIO RECEIVERS**
.. SUPERHETERODYNE RECEIVERS
.. TRANSMITTER RECEIVERS
.. WHISTLER RECORDERS
RECEIVERS
.. **RADIO RECEIVERS**
.. SUPERHETERODYNE RECEIVERS

RADIO RECEIVERS-(CONT.)

RT DATA LINKS
DIRECTORS (ANTENNA ELEMENTS)
ELECTROMAGNETIC NOISE
INTERMEDIATE FREQUENCY AMPLIFIERS
LOUDSPEAKERS
ORION (RADIO INTERFEROMETRY NETWORK)
RADAR RECEIVERS
RECEPTION DIVERSITY
TELEVISION RECEPTION
TRANSPONDERS
TUNERS

RADIO RECEPTION

RT HOMODYNE RECEPTION
RADAR RECEPTION
∞ RECEIVING
RECEPTION DIVERSITY
SCATTER PROPAGATION
TELEVISION RECEPTION

RADIO REFLECTION

USE RADIO ECHOES

RADIO RELAY SYSTEMS

GS TELECOMMUNICATION
.. RADIO COMMUNICATION
.. **RADIO RELAY SYSTEMS**
.. CODE DIVISION MULTIPLE ACCESS
.. TIME DIVISION MULTIPLE ACCESS
RT COMMUNICATION EQUIPMENT
COMMUNICATION SATELLITES
DATA LINKS
DEFENSE COMMUNICATIONS SATELLITE SYSTEM
EARTH TERMINAL MEASUREMENT SYSTEM
EARTH TERMINALS
GLOBAL TRACKING NETWORK
MOLNIYA SATELLITES
MSAT
ORBIT SPECTRUM UTILIZATION
∞ RELAY
∞ SYSTEMS
TDR SATELLITES

RADIO SCATTERING

RT ATMOSPHERIC DIFFUSION
ATMOSPHERIC SCATTERING
SCATTER PROPAGATION
SIGNAL FADING
SIGNAL TRANSMISSION

RADIO SIGNAL ATTENUATION

USE RADIO ATTENUATION

RADIO SIGNAL PROPAGATION

USE RADIO TRANSMISSION

RADIO SIGNALS

RT BROADCASTING
PROJECT SETI
SIGNAL DISTORTION
SIGNAL MIXING
∞ SIGNALS
TRANSHORIZON RADIO PROPAGATION
WHISTLERS

RADIO SOURCES (ASTRONOMY)

SN (LIMITED TO EXTRATERRESTRIAL RADIO SOURCES)
GS CELESTIAL BODIES
.. **RADIO SOURCES (ASTRONOMY)**
.. CASSIOPEIA A
.. EXTRAGALACTIC RADIO SOURCES
.. RADIO GALAXIES
.. QUASARS
.. RADIO STARS
.. PULSARS
RT BL LACERTAE OBJECTS
CN EMISSION
EXTRATERRESTRIAL RADIO WAVES
GALACTIC NUCLEI
GALAXIES
HYDROXYL EMISSION
MAFFEI GALAXIES
MILKY WAY GALAXY
RADIATION SOURCES
∞ SOURCES

RADIO SPECTRA

GS SPECTRA
.. RADIATION SPECTRA

RADIO SPECTROSCOPY

RADIO SPECTRA-(CONT.)

.. ELECTROMAGNETIC SPECTRA
.. **RADIO SPECTRA**
.. .. MICROWAVE SPECTRA
RT CARRIER WAVES
ELECTROMAGNETIC NOISE
RADIANT FLUX DENSITY

RADIO SPECTROSCOPY

GS SPECTROSCOPY
.. **RADIO SPECTROSCOPY**
RT ASTRONOMICAL SPECTROSCOPY
ULTRAVIOLET SPECTRA
ULTRAVIOLET SPECTROSCOPY
X RAY SPECTROSCOPY

RADIO STARS

GS CELESTIAL BODIES
.. RADIO SOURCES (ASTRONOMY)
.. **RADIO STARS**
.. .. PULSARS
.. STARS
.. **RADIO STARS**
.. .. PULSARS
RT QUASARS
RADIATIVE TRANSFER
STELLAR RADIATION

RADIO TELEGRAPHY

GS TELECOMMUNICATION
.. RADIO COMMUNICATION
.. **RADIO TELEGRAPHY**
RT COMMUNICATION EQUIPMENT
KEYING
MORSE CODE

RADIO TELEMETRY

GS TELECOMMUNICATION
.. RADIO COMMUNICATION
.. **RADIO TELEMETRY**
.. .. PULSE FREQUENCY MODULATION
.. TELEMETRY
.. **RADIO TELEMETRY**
.. .. PULSE FREQUENCY MODULATION
.. TELEMETRY
RT COMMUNICATION EQUIPMENT
DATA TRANSMISSION
EXTRATERRESTRIAL COMMUNICATION
GROUND SUPPORT EQUIPMENT
MEASURING INSTRUMENTS
PULSE MODULATION
RADIOMETEOROLOGRAPH
RADIOSONDES
SPACE COMMUNICATION
WIRELESS COMMUNICATION

RADIO TELESCOPES

GS RADIO EQUIPMENT
.. **RADIO TELESCOPES**
.. TELESCOPES
.. **RADIO TELESCOPES**
.. .. KILOMETER WAVE ORBITING
.. TELESCOPE
RT ANTENNAS
ASTRONOMICAL TELESCOPES
JODRELL BANK OBSERVATORY
OPTICAL EQUIPMENT
PHASE SWITCHING INTERFEROMETERS

RADIO TRACKING

GS TRACKING (POSITION)
.. **RADIO TRACKING**
.. .. WILDLIFE RADIOLOCATION
RT RADAR SCANNING
RADAR TRACKING
RANGE AND RANGE RATE TRACKING
RANGEFINDING
RAWINSONDES
SPACECRAFT TRACKING

RADIO TRANSMISSION

UF RADIO PROPAGATION
.. RADIO SIGNAL PROPAGATION
GS TRANSMISSION
.. ELECTROMAGNETIC WAVE
.. TRANSMISSION
.. .. **RADIO TRANSMISSION**
.. DOUBLE SIDEBAND TRANSMISSION
.. IONOSPHERIC PROPAGATION
.. IONOSPHERIC F-SCATTER
.. PROPAGATION
.. .. MICROWAVE ATTENUATION
.. .. MICROWAVE TRANSMISSION
.. .. MULTIPATH TRANSMISSION

RADIO TRANSMISSION-(CONT.)

.. .. SHORT WAVE RADIO
.. .. TRANSMISSION
.. .. SINGLE SIDEBAND TRANSMISSION
.. .. SPREAD SPECTRUM TRANSMISSION
.. .. TRANSEQUATORIAL PROPAGATION
.. .. TRANSHORIZON RADIO
.. .. PROPAGATION
.. .. SIGNAL TRANSMISSION
.. .. **RADIO TRANSMISSION**
.. DOUBLE SIDEBAND TRANSMISSION
.. IONOSPHERIC PROPAGATION
.. IONOSPHERIC F-SCATTER
.. PROPAGATION
.. .. MICROWAVE ATTENUATION
.. .. MICROWAVE TRANSMISSION
.. .. MULTIPATH TRANSMISSION
.. .. SHORT WAVE RADIO
.. .. TRANSMISSION
.. .. SINGLE SIDEBAND TRANSMISSION
.. .. TRANSEQUATORIAL PROPAGATION
.. .. TRANSHORIZON RADIO
.. .. PROPAGATION
RT ATMOSPHERIC ATTENUATION
BROADCASTING
CODE DIVISION MULTIPLEXING
COMPANDING
DATA TRANSMISSION
FREQUENCY REUSE
FREQUENCY SHIFT KEYING
MAGNETOIONICS
MODULATION
MULTIPLEXING
PACKET SWITCHING
PULSE COMMUNICATION
PULSE FREQUENCY MODULATION
.. TELEMETRY
RADAR TRANSMISSION
RADOME MATERIALS
SATELLITE TRANSMISSION
SCATTER PROPAGATION
SEAFARER PROJECT
SOMMERFELD APPROXIMATION
SYMPHONIE SATELLITES
VOICE OF AMERICA
WAVE ATTENUATION
WAVE PROPAGATION

RADIO TRANSMITTERS

GS RADIO EQUIPMENT
.. **RADIO TRANSMITTERS**
.. .. RADIO BEACONS
.. .. OMNIDIRECTIONAL RADIO RANGES
.. .. SELF CALIBRATING OMNIRANGE
.. .. RADIOSONDES
.. .. ENDORADIOSONDES
.. .. IONOSONDES
.. .. RAWINSONDES
.. .. RADIOTELEPHONES
.. .. SONOBUOYS
.. .. TRANSMITTER RECEIVERS
.. TRANSMITTERS
.. **RADIO TRANSMITTERS**
.. .. RADIO BEACONS
.. .. OMNIDIRECTIONAL RADIO RANGES
.. .. SELF CALIBRATING OMNIRANGE
.. .. RADIOMETEOROLOGRAPH
.. .. RADIOSONDES
.. .. ENDORADIOSONDES
.. .. IONOSONDES
.. .. RAWINSONDES
.. .. RADIOTELEPHONES
.. .. SONOBUOYS
.. .. TRANSMITTER RECEIVERS
RT MULTICHANNEL COMMUNICATION
QUARTZ CRYSTALS
TELEVISION TRANSMISSION
TRANSPONDERS
WILDLIFE RADIOLOCATION

RADIO WAVE REFRACTION

GS REFRACTION
.. ATMOSPHERIC REFRACTION
.. **RADIO WAVE REFRACTION**
RT WAVE DISPERSION

RADIO WAVES

UF RADIO FREQUENCY RADIATION
GS ELECTROMAGNETIC RADIATION
.. **RADIO WAVES**
.. .. DECA-METRIC WAVES
.. .. EXTRATERRESTRIAL RADIO WAVES
.. .. GALACTIC RADIO WAVES
.. .. RADIO BURSTS
.. .. SOLAR RADIO BURSTS

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RADIO WAVES-(CONT.)

.. .. TYPE 2 BURSTS
.. .. TYPE 3 BURSTS
.. .. TYPE 4 BURSTS
.. .. TYPE 5 BURSTS
.. .. SOLAR RADIO EMISSION
.. .. SOLAR RADIO BURSTS
.. .. TYPE 2 BURSTS
.. .. TYPE 3 BURSTS
.. .. TYPE 4 BURSTS
.. .. TYPE 5 BURSTS
.. .. LONG WAVE RADIATION
.. .. RADIO EMISSION
.. .. CN EMISSION
.. .. HYDROXYL EMISSION
.. .. RADIO BURSTS
.. .. SOLAR RADIO BURSTS
.. .. TYPE 2 BURSTS
.. .. TYPE 3 BURSTS
.. .. TYPE 4 BURSTS
.. .. TYPE 5 BURSTS
.. .. SOLAR RADIO EMISSION
.. .. SOLAR RADIO BURSTS
.. .. TYPE 2 BURSTS
.. .. TYPE 3 BURSTS
.. .. TYPE 4 BURSTS
.. .. TYPE 5 BURSTS
.. .. SHORT WAVE RADIATION
.. .. MICROWAVES
.. .. CENTIMETER WAVES
.. .. DECIMETER WAVES
.. .. MICROWAVE EMISSION
.. .. MILLIMETER WAVES
.. .. SUBMILLIMETER WAVES
.. .. SKY WAVES
RT ATMOSPHERICS
COHERENT ELECTROMAGNETIC
.. RADIATION
.. ELECTROMAGNETIC NOISE
.. ELECTROMAGNETIC SURFACE WAVES
.. EXTRATERRESTRIAL RADIATION
.. FAR INFRARED RADIATION
.. FREQUENCIES
.. GROUND WAVE PROPAGATION
.. MONOCHROMATIC RADIATION
.. MULTIPATH TRANSMISSION
.. PLANETARY RADIATION
.. POLARIZED ELECTROMAGNETIC
.. RADIATION
.. SCATTER PROPAGATION
.. SOLAR RADIATION
.. SOLITARY WAVES
.. THERMAL RADIATION
.. TRANSVERSE WAVES
.. TRAVELING WAVES
.. TROPOSPHERIC WAVES

RADIOACTIVE AGE DETERMINATION

UF RADIOACTIVE DATING
RT ∞ AGING
.. FOSSILS
.. GEOCHRONOLOGY
.. HALF LIFE
.. ∞ MEASUREMENT
.. RADIOCHEMISTRY
.. RADIOGENIC MATERIALS
.. TIME MEASUREMENT

RADIOACTIVE CONTAMINANTS

GS CONTAMINANTS
.. **RADIOACTIVE CONTAMINANTS**
RT ATMOSPHERIC COMPOSITION
.. FALLOUT
.. NUCLEAR RADIATION
.. RADIATION EFFECTS
.. RADIATION HAZARDS

RADIOACTIVE DATING

USE RADIOACTIVE AGE DETERMINATION

∞ RADIOACTIVE DEBRIS

SN (USE OF A MORE SPECIFIC TERM IS
.. RECOMMENDED--CONSULT THE TERMS
.. LISTED BELOW)
RT DEBRIS
.. FALLOUT
.. RADIOACTIVE MATERIALS
.. RADIOACTIVE WASTES
.. RADIOGENIC MATERIALS

RADIOACTIVE DECAY

UF PARTICLE DECAY
GS DECAY
.. **RADIOACTIVE DECAY**
.. .. ALPHA DECAY

RADIOACTIVE DECAY-(CONT.)

.. NEUTRON EMISSION
 NUCLEAR REACTIONS
 . **RADIOACTIVE DECAY**
 .. NEUTRON EMISSION
 RT EMISSION
 GAMMA RAY BEAMS
 GAMMA RAYS
 HALF LIFE
 HYPERNUCLEI
 NUCLEAR FISSION
 NUCLEAR RADIATION
 PHOTOPRODUCTION
 POST-BLAST NUCLEAR RADIATION
 RADIOACTIVITY
 RADIOGENIC MATERIALS
 THERMONUCLEAR REACTIONS
 VECTOR CURRENTS

RADIOACTIVE ELEMENTS

USE RADIOACTIVE ISOTOPES

RADIOACTIVE ISOTOPES

UF RADIOACTIVE ELEMENTS
 RADIOACTIVE NUCLIDES
 RADIONUCLIDES
 GS CHEMICAL ELEMENTS
 . NUCLIDES
 .. ISOTOPES
 ... **RADIOACTIVE ISOTOPES**
 ... ARSENIC ISOTOPES
 ... ASTATINE ISOTOPES
 ... BERYLLIUM 7
 ... BERYLLIUM 9
 ... BERYLLIUM 10
 ... CARBON 14
 ... CERIUM 137
 ... CERIUM 144
 ... CESIUM 134
 ... CESIUM 137
 ... CESIUM 144
 ... COBALT 58
 ... COBALT 60
 ... GOLD ISOTOPES
 ... GOLD 198
 ... INDIUM ISOTOPES
 ... IODINE 125
 ... IODINE 131
 ... IODINE 132
 ... IRON 59
 ... KRYPTON 85
 ... NIOBIUM 95
 ... NITROGEN 16
 ... PHOSPHORUS 32
 ... POLONIUM 208
 ... POLONIUM 209
 ... POLONIUM 210
 ... POTASSIUM 38
 ... POTASSIUM 40
 ... RUBIDIUM 86
 ... SODIUM 22
 ... SODIUM 24
 ... STRONTIUM 85
 ... STRONTIUM 88
 ... STRONTIUM 89
 ... STRONTIUM 90
 ... TRANSURANIUM ELEMENTS
 ... AMERICIUM
 ... AMERICIUM ISOTOPES
 ... BERKELIUM
 ... CALIFORNIUM
 ... CALIFORNIUM ISOTOPES
 ... CURIUM
 ... CURIUM ISOTOPES
 ... EINSTEINIUM
 ... FERMIUM
 ... LAWRENCIUM
 ... MENDELEVIUM
 ... NEPTUNIUM
 ... NEPTUNIUM ISOTOPES
 ... NOBELIUM
 ... PLUTONIUM
 ... PLUTONIUM ISOTOPES
 ... SERGENIUM
 ... TRITIUM
 ... URANIUM 232
 ... URANIUM 233
 ... URANIUM 238
 ... XENON 133
 ... XENON 135
 ... ZIRCONIUM 95
 RT ACTINIDE SERIES
 ISOTOPIC LABELING
 RADIOISOTOPE BATTERIES
 RADIOPHOSPHORS

RADIOACTIVE MATERIALS

RT ACTINIDE SERIES
 FISSION FUELS
 FISSION PRODUCTS
 FISSIONABLE MATERIALS
 IONIZING RADIATION
 ISOTOPES
 ∞ MATERIALS
 ∞ NUCLEAR FISSION
 NUCLEAR RADIATION
 RADIATION HAZARDS
 RADIATION SOURCES
 ∞ RADIOACTIVE DEBRIS
 RADIOACTIVITY
 RADIOBIOLOGY
 RADIOCHEMISTRY
 URANIUM PLASMAS

RADIOACTIVE NUCLIDES

USE RADIOACTIVE ISOTOPES

RADIOACTIVE WASTES

GS WASTES
 . **RADIOACTIVE WASTES**
 RT CONTAMINATION
 DECOMMISSIONING
 ENVIRONMENT POLLUTION
 ENVIRONMENT PROTECTION
 ENVIRONMENTAL SURVEYS
 FISSION PRODUCTS
 NONPOINT SOURCES
 PLASMA CORE REACTORS
 POISONING (REACTION INHIBITION)
 POLLUTION
 RADIATION HAZARDS
 ∞ RADIOACTIVE DEBRIS
 RADIOCHEMISTRY
 RADIOGENIC MATERIALS
 SOLID WASTES
 WASTE DISPOSAL

RADIOACTIVITY

RT ∞ ACTIVITY
 ALPHA PARTICLES
 EMISSION
 FALLOUT
 FISSION PRODUCTS
 GAMMA RAYS
 GEOCHEMISTRY
 GEOPHYSICS
 HALF LIFE
 IONIZING RADIATION
 NUCLEAR RADIATION
 PARTICLE PRODUCTION
 POST-BLAST NUCLEAR RADIATION
 ∞ RADIATION
 RADIATION HAZARDS
 RADIOACTIVE DECAY
 RADIOACTIVE MATERIALS
 RADIOCHEMISTRY

RADIOBIOLOGY

GS MEDICAL SCIENCE
 . RADIATION MEDICINE
 . **RADIOBIOLOGY**
 RT ANTIRADIATION DRUGS
 ∞ BIOLOGY
 BIOMAGNETISM
 DOSIMETERS
 HEALTH PHYSICS
 IMMUNOASSAY
 IRRADIATION
 ∞ MEDICINE
 ∞ NUCLEAR RADIATION
 RADIOACTIVE MATERIALS
 RADIOCHEMISTRY
 RADIOIMMUNOASSAY

RADIOCHEMICAL SEPARATION

GS RADIOCHEMISTRY
 . **RADIOCHEMICAL SEPARATION**
 RT CHEMICAL REACTIONS
 QUANTITATIVE ANALYSIS
 ∞ SEPARATION

RADIOCHEMISTRY

UF REACTOR CHEMISTRY
 GS **RADIOCHEMISTRY**
 . RADIOCHEMICAL SEPARATION
 RT CHEMICAL ANALYSIS
 ∞ CHEMISTRY
 IONIZING RADIATION
 ISOTOPIC LABELING
 NUCLEAR CHEMISTRY
 NUCLEAR RADIATION

RADIOCHEMISTRY-(CONT.)

NUCLEAR RESEARCH
 RADIOACTIVE AGE DETERMINATION
 RADIOACTIVE MATERIALS
 RADIOACTIVE WASTES
 RADIOACTIVITY
 RADIOBIOLOGY

RADIOFREQUENCY ION THRUSTOR ENGINES

USE RIT ENGINES

RADIOGENIC MATERIALS

RT NUCLEAR REACTIONS
 RADIOACTIVE AGE DETERMINATION
 ∞ RADIOACTIVE DEBRIS
 RADIOACTIVE DECAY
 RADIOACTIVE WASTES
 TRANSMUTATION

RADIOGONIOMETERS

GS MEASURING INSTRUMENTS
 . GONIOMETERS
 . **RADIOGONIOMETERS**
 RT RADIO DIRECTION FINDERS

RADIOGRAPHY

UF CINEFLUOROGRAPHY
 CINERADIOGRAPHY
 GS IMAGERY
 . **RADIOGRAPHY**
 . . ANGIOGRAPHY
 . . AUTORADIOGRAPHY
 . . NEUTRON RADIOGRAPHY
 . . TOMOGRAPHY
 . . UROGRAPHY
 RT BRAGG ANGLE
 CRYSTALLOGRAPHY
 ∞ FLASH
 IRRADIATION
 LIXISCOPES
 ∞ MATERIALS TESTS
 METALLOGRAPHY
 NONDESTRUCTIVE TESTS
 PHOTOGRAPHY
 PNEUMOGRAPHY
 RADIOLOGY
 X RAY ANALYSIS
 X RAY APPARATUS
 X RAY ASTRONOMY
 X RAY DIFFRACTION
 X RAY FLUORESCENCE
 X RAY IMAGERY
 X RAY INSPECTION
 X RAY SPECTROSCOPY
 X RAY TELESCOPES
 X RAY TUBES
 X RAYS

RADIOIMMUNOASSAY

GS IMMUNOASSAY
 . **RADIOIMMUNOASSAY**
 RT ANTIGENS
 ASSAYING
 BIOCHEMISTRY
 IMMUNOLOGY
 RADIOBIOLOGY

RADIOISOTOPE BATTERIES

UF ATOMIC BATTERIES
 GS ELECTRIC GENERATORS
 . DIRECT POWER GENERATORS
 . **RADIOISOTOPE BATTERIES**
 . . SNAP 7
 . . SNAP 9A
 . . SNAP 11
 . . SNAP 13
 . . SNAP 15
 . . SNAP 17
 . . SNAP 19
 . . SNAP 21
 . . SNAP 23
 . . SNAP 27
 . . SNAP 29
 RT ELECTRIC BATTERIES
 FISSION ELECTRIC CELLS
 NUCLEAR AUXILIARY POWER UNITS
 RADIOACTIVE ISOTOPES
 THERMIONIC CONVERTERS
 THERMOELECTRIC GENERATORS

RADIOLOGY

GS MEDICAL SCIENCE
 . **RADIOLOGY**
 RT AEROSPACE MEDICINE
 ∞ MEDICINE

RADIOLYSIS

RADIOLOGY-(CONT.)

- ∞ RADIATION
- RADIOGRAPHY
- X RAY ANALYSIS
- X RAYS

RADIOLYSIS

- GS CHEMICAL REACTIONS
- PHOTOCHEMICAL REACTIONS
- PHOTOLYSIS
- · · · · **RADIOLYSIS**
- DECOMPOSITION
- PHOTOLYSIS
- · **RADIOLYSIS**
- RADIATION EFFECTS
- **RADIOLYSIS**

RADIOMETEOROGRAPHS

- GS MEASURING INSTRUMENTS
- METEOROLOGICAL INSTRUMENTS
- · **RADIOMETEOROGRAPHS**
- RECORDING INSTRUMENTS
- · **RADIOMETEOROGRAPHS**
- TRANSMITTERS
- · RADIO TRANSMITTERS
- · · **RADIOMETEOROGRAPHS**
- RT RADIO TELEMETRY
- RADIOSONDES

RADIOMETERS

- GS MEASURING INSTRUMENTS
- RADIATION MEASURING INSTRUMENTS
- · ACTINOMETERS
- · · **RADIOMETERS**
- · · · · DICKE RADIOMETERS
- · · · · INFRARED DETECTORS
- · · · · INFRARED SCANNERS
- · · · · MICROWAVE RADIOMETERS
- · · · · PASSIVE L-BAND RADIOMETERS
- · · · · PRESSURE MODULATOR
- · · · · RADIOMETERS
- · · · · SPECTRORADIOMETERS
- RT BOLOMETERS
- FOREST FIRE DETECTION
- HORIZON SCANNERS
- INFRARED PHOTOGRAPHY
- INFRARED TRACKING
- KNUDSEN GAGES
- PHOTOMETERS
- PYRANOMETERS
- RADIOMETRIC RESOLUTION
- SPECTROPHOTOMETERS
- THERMISTORS

RADIOMETRIC CORRECTION

- UF RADIOMETRIC RECTIFICATION
- RT IMAGE ENHANCEMENT
- INFRARED RADIOMETERS
- MULTISPECTRAL BAND SCANNERS

RADIOMETRIC RECTIFICATION

- USE RADIOMETRIC CORRECTION

RADIOMETRIC RESOLUTION

- GS RESOLUTION
- **RADIOMETRIC RESOLUTION**
- RT MULTISPECTRAL BAND SCANNERS
- RADIOMETERS
- REMOTE SENSORS
- SPECTRAL RESOLUTION

RADIOISOTOPES

- USE RADIOACTIVE ISOTOPES

RADIOPATHOLOGY

- GS MEDICAL SCIENCE
- **RADIOPATHOLOGY**
- RT ANTIRADIATION DRUGS
- RADIATION MEDICINE
- RADIATION SICKNESS

RADIOPHOSPHORS

- GS PHOSPHORS
- **RADIOPHOSPHORS**
- RT RADIOACTIVE ISOTOPES

RADIOPROTECTIVE AGENTS

- USE ANTIRADIATION DRUGS

RADIOSENSITIVITY

- USE RADIATION TOLERANCE

RADIOSONDES

- GS MEASURING INSTRUMENTS

RADIOSONDES-(CONT.)

- METEOROLOGICAL INSTRUMENTS
- · **RADIOSONDES**
- · · ENDORADIOSONDES
- · · IONOSONDES
- · · RAWINSONDES
- · · SONDES
- · · **RADIOSONDES**
- · · · · ENDORADIOSONDES
- · · · · IONOSONDES
- · · · · RAWINSONDES
- · · RADIO EQUIPMENT
- · · RADIO TRANSMITTERS
- · · **RADIOSONDES**
- · · · · ENDORADIOSONDES
- · · · · IONOSONDES
- · · · · RAWINSONDES
- · · TRANSMITTERS
- · · · · RADIO TRANSMITTERS
- · · · · **RADIOSONDES**
- · · · · · · · · ENDORADIOSONDES
- · · · · · · · · IONOSONDES
- · · · · · · · · RAWINSONDES
- RT ARCAS ROCKET VEHICLES
- BALLOON SOUNDING
- BALLOON-BORNE INSTRUMENTS
- DROPSONDES
- METEOROLOGICAL BALLOONS
- RADIO METEOROLOGY
- RADIO TELEMETRY
- RADIOMETEOROGRAPHS
- ROBIN BALLOONS
- SATELLITE SOUNDING
- SOUNDING ROCKETS

RADIOTELEPHONES

- GS RADIO EQUIPMENT
- RADIO TRANSMITTERS
- · **RADIOTELEPHONES**
- · · RECEIVERS
- · · **RADIOTELEPHONES**
- · · TELECOMMUNICATION
- · · **RADIOTELEPHONES**
- · · TELEPHONES
- · · **RADIOTELEPHONES**
- · · TRANSMITTERS
- · · · · RADIO TRANSMITTERS
- · · · · **RADIOTELEPHONES**
- RT ECHO SUPPRESSORS
- RADIO COMMUNICATION
- TELEPHONY
- VOICE COMMUNICATION

RADIOTHERAPY

- USE RADIATION THERAPY

RADIUM

- GS CHEMICAL ELEMENTS
- ACTINIDE SERIES
- · **RADIUM**
- · · RADIUM ISOTOPES
- · · · · RADIUM 226
- METALS
- · ACTINIDE SERIES
- · · **RADIUM**
- · · RADIUM ISOTOPES
- · · · · RADIUM 226

RADIUM ISOTOPES

- GS CHEMICAL ELEMENTS
- ACTINIDE SERIES
- · **RADIUM**
- · · **RADIUM ISOTOPES**
- · · · · RADIUM 226
- · · NUCLIDES
- · · ISOTOPES
- · · · · **RADIUM ISOTOPES**
- · · · · · · · · RADIUM 226
- METALS
- · ACTINIDE SERIES
- · · **RADIUM**
- · · **RADIUM ISOTOPES**
- · · · · RADIUM 226

RADIUM 226

- GS CHEMICAL ELEMENTS
- ACTINIDE SERIES
- · **RADIUM**
- · · RADIUM ISOTOPES
- · · · · **RADIUM 226**
- · · NUCLIDES
- · · ISOTOPES
- · · · · RADIUM ISOTOPES
- · · · · · · · · **RADIUM 226**
- METALS

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RADIUM 226-(CONT.)

- ACTINIDE SERIES
- · **RADIUM**
- · · RADIUM ISOTOPES
- · · · · **RADIUM 226**

RADIUS

- USE RADII

RADOME MATERIALS

- GS DIELECTRICS
- **RADOME MATERIALS**
- RT ELECTROMAGNETIC WAVE
- TRANSMISSION
- ∞ MATERIALS
- RADAR TRANSMISSION
- RADIO TRANSMISSION
- RADOMES
- TRANSPARENCES

RADOMES

- GS HOUSINGS
- **RADOMES**
- SHELLS (STRUCTURAL FORMS)
- · DOMES (STRUCTURAL FORMS)
- · **RADOMES**
- RT INFLATABLE STRUCTURES
- PROTUBERANCES
- RADANT
- RADAR ANTENNAS
- RADAR EQUIPMENT
- RADOME MATERIALS

RADON

- GS CHEMICAL ELEMENTS
- RARE GASES
- · **RADON**
- · · RADIUM ISOTOPES
- · · GASES
- · · RARE GASES
- · · **RADON**
- · · RADIUM ISOTOPES

RADON ISOTOPES

- UF THORON
- GS CHEMICAL ELEMENTS
- NUCLIDES
- · ISOTOPES
- · · **RADON ISOTOPES**
- · · RARE GASES
- · · **RADON**
- · · **RADON ISOTOPES**
- · · GASES
- · · RARE GASES
- · · **RADON**
- · · **RADON ISOTOPES**

RADUGA SATELLITE

- GS SATELLITES
- ARTIFICIAL SATELLITES
- · COMMUNICATION SATELLITES
- · · **RADUGA SATELLITE**
- · · EARTH SATELLITES
- · · COMMUNICATION SATELLITES
- · · **RADUGA SATELLITE**
- · · SOVIET SPACECRAFT
- · · **RADUGA SATELLITE**

RAE B

- USE EXPLORER 49 SATELLITE

RAE 1

- USE EXPLORER 49 SATELLITE

RAE 2

- USE EXPLORER 49 SATELLITE

RAE-1

- USE EXPLORER 38 SATELLITE

RAFTS

- GS **RAFTS**
- LIFE RAFTS
- RT FLOATS
- LIFEBOATS
- SURVIVAL EQUIPMENT

RAIL TRANSPORTATION

- UF RAILROADS
- GS TRANSPORTATION
- **RAIL TRANSPORTATION**
- RT AUTOMATED GUIDEWAY TRANSIT
- VEHICLES
- LOCOMOTIVES

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RAMPS (STRUCTURES)

RAIL TRANSPORTATION-(CONT.)

MAGNETIC LEVITATION VEHICLES
MARINE TRANSPORTATION
RAILS
RAPID TRANSIT SYSTEMS
SURFACE VEHICLES
URBAN TRANSPORTATION

RAILGUN ACCELERATORS

RT HYPERVELOCITY GUNS
HYPERVELOCITY LAUNCHERS
NUCLEAR FUSION
PARTICLE ACCELERATORS
SPACECRAFT LUNCHING

RAILROAD HUMPING TESTS

RT CARGO
IMPACT ACCELERATION
MATERIALS HANDLING
SHOCK TESTS
∞ TESTS

RAILROADS

USE RAIL TRANSPORTATION

RAILS

RT RAIL TRANSPORTATION
RAPID TRANSIT SYSTEMS
SURFACE VEHICLES

RAIN

GS PRECIPITATION (METEOROLOGY)
. RAIN
. ACID RAIN
RT AQUIFERS
CLOUD SEEDING
FLOOD PREDICTIONS
HYDROLOGY
HYDROLOGY MODELS
LIMNOLOGY
RAINBOWS
RAINDROPS
RAINSTORMS
∞ SHOWERS
THUNDERSTORMS
WATERSHEDS

RAIN EROSION

GS EROSION
. RAIN EROSION
RT LANDSLIDES
MUD
SANDS
SOIL EROSION

RAIN FORESTS

GS RESOURCES
. EARTH RESOURCES
. FORESTS
. RAIN FORESTS
RT CANOPIES (VEGETATION)
GEOBOTANY
PLANTS (BOTANY)
∞ SHOWERS
TROPICAL REGIONS
VEGETATION

RAIN GAGES

UF PLUVIOGRAPHS
GS MEASURING INSTRUMENTS
. METEOROLOGICAL INSTRUMENTS
. RAIN GAGES

RAIN IMPACT DAMAGE

GS DAMAGE
. IMPACT DAMAGE
. RAIN IMPACT DAMAGE
RT ARROYOS
EROSION
SOIL EROSION
WATER EROSION

RAINBOWS

GS DISTRIBUTION (PROPERTY)
. RADIATION DISTRIBUTION
. DIFFRACTION PATTERNS
. RAINBOWS
RT HALOS
LIGHT TRANSMISSION
RAIN

RAINDROPS

GS PARTICLES
. DROPS (LIQUIDS)

RAINDROPS-(CONT.)

RT . RAIN
DROP SIZE
FALLING SPHERES
RAIN
RAINMAKING

RAINMAKING

GS WEATHER MODIFICATION
. RAINMAKING
RT CLIMATOLOGY
CLOUD SEEDING
PRECIPITATION (METEOROLOGY)
RAINDROPS
WATER RESOURCES

RAINSTORMS

GS STORMS
. STORMS (METEOROLOGY)
. RAINSTORMS
. THUNDERSTORMS
RT ACID RAIN
FLOOD CONTROL
FLOOD PREDICTIONS
HAILSTORMS
PRECIPITATION (METEOROLOGY)
RAIN
∞ SHOWERS
STORM DAMAGE
STORM ENHANCEMENT
STORM SUPPRESSION
TORNADOES

∞ RAKES

SN *(USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)*
RT PRESSURE SENSORS
SLOPES

∞ RAM

SN *(USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)*
RT ANTIRADAR COATINGS
RAMS (PRESSES)
RAMS (PUMPS)

RAM B LAUNCH VEHICLE

GS LAUNCH VEHICLES
. RAM B LAUNCH VEHICLE
ROCKET VEHICLES
. MULTISTAGE ROCKET VEHICLES
. RAM B LAUNCH VEHICLE
RT SOLID PROPELLANT ROCKET ENGINES
TX-354 ENGINE

RAM PROJECT

USE RADIO ATTENUATION MEASUREMENT
PROJECT

RAMAN EFFECT

USE RAMAN SPECTRA

RAMAN LASERS

GS STIMULATED EMISSION DEVICES
. LASERS
. RAMAN LASERS

RAMAN SCATTERING

USE RAMAN SPECTRA

RAMAN SPECTRA

UF RAMAN EFFECT
RAMAN SCATTERING
SCATTERING
GS . WAVE SCATTERING
. ELECTROMAGNETIC SCATTERING
. RAMAN SPECTRA
SPECTRA
. MOLECULAR SPECTRA
. RAMAN SPECTRA
. RADIATION SPECTRA
. ELECTROMAGNETIC SPECTRA
. RAMAN SPECTRA
RT ABSORPTION SPECTRA
EMISSION SPECTRA
LIGHT (VISIBLE RADIATION)
LINE SPECTRA
MOLECULAR ROTATION
NONLINEAR OPTICS
VIBRATIONAL SPECTRA

RAMAN SPECTROSCOPY

UF COHERENT ANTI-STOKES RAMAN
SPECTROSCOPY
GS SPECTROSCOPY
. MOLECULAR SPECTROSCOPY
. RAMAN SPECTROSCOPY
RT ASTRONOMICAL SPECTROSCOPY
INFRARED SPECTROSCOPY
LINE SPECTRA
OPTOGALVANIC SPECTROSCOPY
RAYLEIGH SCATTERING
SPECTROSCOPIC ANALYSIS

RAMIS (SYSTEM)

UF RAPID AUTOMATIC MALFUNCTION
ISOLATION
RT ∞ SYSTEMS

RAMJET ENGINES

UF ATHODYDS
GS ENGINES
. AIR BREATHING ENGINES
. GAS TURBINE ENGINES
. JET ENGINES
. RAMJET ENGINES
. LOW VOLUME RAMJET ENGINES
. PULSEJET ENGINES
. SUPERSONIC COMBUSTION
RAMJET ENGINES
. TURBORAMJET ENGINES
. INTERNAL COMBUSTION ENGINES
. GAS TURBINE ENGINES
. JET ENGINES
. RAMJET ENGINES
. LOW VOLUME RAMJET ENGINES
. PULSEJET ENGINES
. SUPERSONIC COMBUSTION
RAMJET ENGINES
. TURBORAMJET ENGINES
. TURBINE ENGINES
. GAS TURBINE ENGINES
. JET ENGINES
. RAMJET ENGINES
. LOW VOLUME RAMJET ENGINES
. PULSEJET ENGINES
. SUPERSONIC COMBUSTION
RAMJET ENGINES
. TURBORAMJET ENGINES
RT HYDROGEN FUELS
METEOR 1 ROCKET VEHICLE
NAVAHO MISSILE
SUPERSONIC LOW ALTITUDE MISSILE
TURBOJET ENGINES

RAMJET MISSILES

GS MISSILES
. RAMJET MISSILES
. NAVAHO MISSILE
. SUPERSONIC LOW ALTITUDE MISSILE
RT AIR TO AIR MISSILES
ANTI-AIRCRAFT MISSILES
SUPERSONIC COMBUSTION RAMJET
ENGINES
SURFACE TO AIR MISSILES
SURFACE TO SURFACE MISSILES

RAMP FUNCTIONS

GS FUNCTIONS (MATHEMATICS)
. RAMP FUNCTIONS
RT DYNAMIC RESPONSE
∞ FREQUENCY RESPONSE
∞ RAMPS
REACTION TIME
SLOPES
STEP FUNCTIONS

∞ RAMPS

SN *(USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)*
RT RAMP FUNCTIONS
RAMPS (STRUCTURES)

RAMPS (STRUCTURES)

RT BRIDGES (STRUCTURES)
CROSSINGS
HIGHWAYS
INTAKE SYSTEMS
INTERSECTIONS
∞ PARKING
∞ RAMPS
SLOPES
WHEELCHAIRS

RAMS (PRESSES)

RAMS (PRESSES)
 GS PRESSES
 . **RAMS (PRESSES)**
 RT HAMMERS
 PLATENS
 PLUNGERS
 ∞ RAM

RAMS (PUMPS)
 GS PUMPS
 . **RAMS (PUMPS)**
 RT PLUNGERS
 ∞ RAM
 WATER HAMMER

RAMSAUER EFFECT
 RT ELECTRON SCATTERING
 ∞ INTERFERENCE
 NEGATIVE RESISTANCE DEVICES
 RARE GASES
 SCATTERING CROSS SECTIONS

RAND PROJECT
 GS PROGRAMS
 . PROJECTS
 . **RAND PROJECT**
 RT OPERATIONS RESEARCH

RANDOM ACCESS
 GS **RANDOM ACCESS**
 . ALOHA SYSTEM
 RT COMPUTER STORAGE DEVICES
 INPUT/OUTPUT ROUTINES
 RANDOM ACCESS MEMORY
 RANDOM PROCESSES

RANDOM ACCESS MEMORY
 GS PERIPHERAL EQUIPMENT (COMPUTERS)
 . COMPUTER STORAGE DEVICES
 . **RANDOM ACCESS MEMORY**
 RT RANDOM ACCESS

RANDOM DISTRIBUTIONS
 USE STATISTICAL DISTRIBUTIONS

RANDOM ERRORS
 GS ERRORS
 . **RANDOM ERRORS**
 RT BCH CODES
 ∞ DISPERSION
 PROBABILITY THEORY
 QUALITY CONTROL
 SAMPLING
 STOCHASTIC PROCESSES

RANDOM LOADS
 GS LOADS (FORCES)
 . **RANDOM LOADS**
 . . GUST LOADS
 RT DYNAMIC LOADS
 IMPACT LOADS
 STATIC LOADS
 STRUCTURAL DESIGN CRITERIA
 TRANSIENT LOADS

RANDOM NOISE
 UF GAUSSIAN NOISE
 GS **RANDOM NOISE**
 . RANDOM SIGNALS
 RT BACKGROUND NOISE
 CHANNEL NOISE
 COMMUNICATION THEORY
 ELECTROMAGNETIC NOISE
 ∞ NOISE
 NOISE (SOUND)
 NOISE GENERATORS
 NOISE SPECTRA
 PROBABILITY THEORY
 PSEUDONOISE
 SIGNAL TO NOISE RATIOS
 STOCHASTIC PROCESSES
 WHITE NOISE

RANDOM NUMBERS
 RT MATHEMATICAL TABLES
 ∞ NUMBERS
 PSEUDORANDOM SEQUENCES

RANDOM PROCESSES
 GS STOCHASTIC PROCESSES
 . **RANDOM PROCESSES**
 . . RANDOM WALK
 RT COMMUNICATION THEORY
 INFORMATION THEORY

RANDOM PROCESSES-(CONT.)
 INTERMITTENCY
 MARKOV PROCESSES
 MONTE CARLO METHOD
 RANDOM ACCESS
 STATISTICAL ANALYSIS

RANDOM SAMPLING
 GS SAMPLING
 . **RANDOM SAMPLING**
 RT QUALITY CONTROL

RANDOM SIGNALS
 GS RANDOM NOISE
 . **RANDOM SIGNALS**
 RT NOISE SPECTRA
 SIGNAL TO NOISE RATIOS
 ∞ SIGNALS
 STOCHASTIC PROCESSES

RANDOM VARIABLES
 RT FUNCTIONS (MATHEMATICS)
 SHANNON-WIENER MEASURE
 ∞ STATISTICS
 ∞ VARIABLE

RANDOM VIBRATION
 GS VIBRATION
 . **RANDOM VIBRATION**
 RT BENDING VIBRATION
 FLUTTER
 FORCED VIBRATION
 LATTICE VIBRATIONS
 LINEAR VIBRATION
 MISSILE VIBRATION
 NOISE (SOUND)
 SELF INDUCED VIBRATION
 STRUCTURAL VIBRATION
 TORSIONAL VIBRATION

RANDOM WALK
 GS STOCHASTIC PROCESSES
 . RANDOM PROCESSES
 . . **RANDOM WALK**
 RT MARKOV CHAINS
 MONTE CARLO METHOD

∞ RANGE
 SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)*
 RT DISTANCE
 ORBITAL POSITION ESTIMATION
 RANGE (EXTREMES)
 RANGES (FACILITIES)

RANGE (EXTREMES)
 UF EXTREMA
 GUMBEL THEORY
 GS **RANGE (EXTREMES)**
 . FREQUENCY RANGES
 . . OCTAVES
 . . RADIO RANGE
 . . SUBAUDIBLE FREQUENCIES
 . PROPORTIONAL LIMIT
 . ROCHE LIMIT
 RT CONFIDENCE LIMITS
 CONSTRAINTS
 DISTANCE
 DOMAINS
 DYNAMIC CHARACTERISTICS
 ERRORS
 FUNCTIONS (MATHEMATICS)
 HETEROGENEITY
 HORIZON
 INTEGRAL EQUATIONS
 ∞ LIMITS
 MAXIMA
 MEAN
 MINIMA
 OPTIMIZATION
 QUALITY CONTROL
 ∞ RANGE
 SENSITIVITY
 STANDARD DEVIATION
 STATISTICAL TESTS
 TOLERANCES (MECHANICS)
 TOLERANCES (PHYSIOLOGY)
 ∞ TRAVEL
 VARIABILITY
 VARIANCE (STATISTICS)

RANGE AND RANGE RATE TRACKING
 GS DISTANCE
 . **RANGE AND RANGE RATE TRACKING**

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RANGE AND RANGE RATE TRACKING-(CONT.)
 RADAR
 . **RANGE AND RANGE RATE TRACKING**
 TRACKING (POSITION)
 . **RANGE AND RANGE RATE TRACKING**
 RT GLOBAL TRACKING NETWORK
 MISSILE TRACKING
 NORTH AMERICAN SEARCH AND
 RANGING RADAR
 OPTICAL TRACKING
 RADAR TRACKING
 RADIO TRACKING
 SATELLITE TRACKING
 STDN (NETWORK)

RANGE CONTROL
 USE TRAJECTORY CONTROL

RANGE ERRORS
 SN (EXCLUDES ERRORS IN DISTANCE TRAVELED--LIMITED TO ERRORS IN DISTANCE MEASUREMENT)
 GS ERRORS
 . **RANGE ERRORS**
 RT ACCURACY
 BORESIGHT ERROR
 DISTANCE MEASURING EQUIPMENT
 ERROR ANALYSIS
 ERROR SIGNALS

RANGE FINDERS
 UF RANGE INDICATORS
 GS MEASURING INSTRUMENTS
 . DISTANCE MEASURING EQUIPMENT
 . . **RANGE FINDERS**
 . . . OPTICAL RANGE FINDERS
 LASER RANGE FINDERS
 RT ALTIMETERS
 FIRE CONTROL
 GEODIMETERS
 LASER RANGER/TRACKER
 LUNAR RANGEFINDING
 NAVIGATION AIDS
 POSITION INDICATORS
 RADAR EQUIPMENT
 RANGEFINDING
 SOUND LOCALIZATION
 SPACE PERCEPTION
 STADIMETERS
 TELLUROMETERS

RANGE INDICATORS
 USE RANGE FINDERS

RANGE MEASUREMENT
 USE RANGEFINDING

RANGE RESOURCES
 GS RESOURCES
 . EARTH RESOURCES
 . . **RANGE RESOURCES**

RANGE SAFETY
 GS SAFETY
 . **RANGE SAFETY**
 RT AEROSPACE SAFETY
 IMPACT PREDICTION
 MISSILE RANGES
 TEST RANGES
 TRAJECTORY CONTROL

RANGEFINDING
 UF RANGE MEASUREMENT
 RANGING
 GS **RANGEFINDING**
 . AIRBORNE RANGE AND ORBIT DETERMINATION
 . LUNAR RANGEFINDING
 . SOUND RANGING
 RT BALLISTIC CAMERAS
 LASER RANGER/TRACKER
 MAROTS (ESA)
 ∞ MEASUREMENT
 RADAR MEASUREMENT
 RADAR TRACKING
 RADIO TRACKING
 RANGE FINDERS
 TRACKING (POSITION)

RANGELANDS
 GS LAND
 . **RANGELANDS**
 RT CATTLE
 GRASSLANDS

NASA THESAURUS (VOLUME 1)

RANGELANDS-(CONT.)

GRAZING
LIVESTOCK
RURAL AREAS
RURAL LAND USE

RANGEMASTER AIRCRAFT

USE G-1 AIRCRAFT

RANGER BLOCK 3 TELEVISION SYSTEM

GS COMMUNICATION EQUIPMENT
SPACECRAFT TELEVISION
RANGER BLOCK 3 TELEVISION SYSTEM
TELEVISION SYSTEMS
SPACECRAFT TELEVISION
RANGER BLOCK 3 TELEVISION SYSTEM

RANGER LUNAR LANDING VEHICLES

GS LUNAR SPACECRAFT
LUNAR PROBES
RANGER LUNAR PROBES
RANGER LUNAR LANDING VEHICLES
UNMANNED SPACECRAFT
SPACE PROBES
LUNAR PROBES
RANGER LUNAR PROBES
RANGER LUNAR LANDING VEHICLES
RT BE-3 ENGINE

RANGER LUNAR PROBES

UF RANGER SATELLITES
GS LUNAR SPACECRAFT
LUNAR PROBES
RANGER LUNAR PROBES
RANGER LUNAR LANDING VEHICLES
RANGER 1 LUNAR PROBE
RANGER 2 LUNAR PROBE
RANGER 3 LUNAR PROBE
RANGER 4 LUNAR PROBE
RANGER 5 LUNAR PROBE
RANGER 6 LUNAR PROBE
RANGER 7 LUNAR PROBE
RANGER 8 LUNAR PROBE
RANGER 9 LUNAR PROBE
RANGER 10 LUNAR PROBE
UNMANNED SPACECRAFT
SPACE PROBES
LUNAR PROBES
RANGER LUNAR PROBES
RANGER LUNAR LANDING VEHICLES
RANGER 1 LUNAR PROBE
RANGER 2 LUNAR PROBE
RANGER 3 LUNAR PROBE
RANGER 4 LUNAR PROBE
RANGER 5 LUNAR PROBE
RANGER 6 LUNAR PROBE
RANGER 7 LUNAR PROBE
RANGER 8 LUNAR PROBE
RANGER 9 LUNAR PROBE
RANGER 10 LUNAR PROBE
RT ATLAS AGENA B LAUNCH VEHICLE

RANGER PROJECT

GS PROGRAMS
NASA PROGRAMS
RANGER PROJECT
AGENA B RANGER PROGRAM
PROJECTS
RANGER PROJECT
AGENA B RANGER PROGRAM
RT AGENA B ROCKET VEHICLE
AGENA ROCKET VEHICLES
ATLAS LAUNCH VEHICLES
LUNAR PHOTOGRAPHS
LUNAR PHOTOGRAPHY
LUNAR PROBES

RANGER SATELLITES

USE RANGER LUNAR PROBES

RANGER 1 LUNAR PROBE

GS LUNAR SPACECRAFT
LUNAR PROBES
RANGER LUNAR PROBES
RANGER 1 LUNAR PROBE
UNMANNED SPACECRAFT
SPACE PROBES
LUNAR PROBES
RANGER LUNAR PROBES

RANGER 1 LUNAR PROBE-(CONT.)

... RANGER 1 LUNAR PROBE

RANGER 2 LUNAR PROBE

GS LUNAR SPACECRAFT
LUNAR PROBES
RANGER LUNAR PROBES
RANGER 2 LUNAR PROBE
UNMANNED SPACECRAFT
SPACE PROBES
LUNAR PROBES
RANGER LUNAR PROBES
RANGER 2 LUNAR PROBE

RANGER 3 LUNAR PROBE

GS LUNAR SPACECRAFT
LUNAR PROBES
RANGER LUNAR PROBES
RANGER 3 LUNAR PROBE
UNMANNED SPACECRAFT
SPACE PROBES
LUNAR PROBES
RANGER LUNAR PROBES
RANGER 3 LUNAR PROBE

RANGER 4 LUNAR PROBE

GS LUNAR SPACECRAFT
LUNAR PROBES
RANGER LUNAR PROBES
RANGER 4 LUNAR PROBE
UNMANNED SPACECRAFT
SPACE PROBES
LUNAR PROBES
RANGER LUNAR PROBES
RANGER 4 LUNAR PROBE
RT ATLAS AGENA B LAUNCH VEHICLE

RANGER 5 LUNAR PROBE

GS LUNAR SPACECRAFT
LUNAR PROBES
RANGER LUNAR PROBES
RANGER 5 LUNAR PROBE
UNMANNED SPACECRAFT
SPACE PROBES
LUNAR PROBES
RANGER LUNAR PROBES
RANGER 5 LUNAR PROBE

RANGER 6 LUNAR PROBE

GS LUNAR SPACECRAFT
LUNAR PROBES
RANGER LUNAR PROBES
RANGER 6 LUNAR PROBE
UNMANNED SPACECRAFT
SPACE PROBES
LUNAR PROBES
RANGER LUNAR PROBES
RANGER 6 LUNAR PROBE

RANGER 7 LUNAR PROBE

GS LUNAR SPACECRAFT
LUNAR PROBES
RANGER LUNAR PROBES
RANGER 7 LUNAR PROBE
UNMANNED SPACECRAFT
SPACE PROBES
LUNAR PROBES
RANGER LUNAR PROBES
RANGER 7 LUNAR PROBE

RANGER 8 LUNAR PROBE

GS LUNAR SPACECRAFT
LUNAR PROBES
RANGER LUNAR PROBES
RANGER 8 LUNAR PROBE
UNMANNED SPACECRAFT
SPACE PROBES
LUNAR PROBES
RANGER LUNAR PROBES
RANGER 8 LUNAR PROBE

RANGER 9 LUNAR PROBE

GS LUNAR SPACECRAFT
LUNAR PROBES
RANGER LUNAR PROBES
RANGER 9 LUNAR PROBE
UNMANNED SPACECRAFT
SPACE PROBES
LUNAR PROBES
RANGER LUNAR PROBES
RANGER 9 LUNAR PROBE

RANGER 10 LUNAR PROBE

GS LUNAR SPACECRAFT

RAPID QUENCHING (METALLURGY)

RANGER 10 LUNAR PROBE-(CONT.)

LUNAR PROBES
RANGER LUNAR PROBES
RANGER 10 LUNAR PROBE
UNMANNED SPACECRAFT
SPACE PROBES
LUNAR PROBES
RANGER LUNAR PROBES
RANGER 10 LUNAR PROBE

RANGES (FACILITIES)

GS RANGES (FACILITIES)
TEST RANGES
BALLISTIC RANGES
MISSILE RANGES
RT RADIO BEACONS
RANGE

RANGING

USE RANGEFINDING

RANK TESTS

GS STATISTICAL ANALYSIS
STATISTICAL TESTS
RANK TESTS

RANKINE CYCLE

GS CYCLES
THERMODYNAMIC CYCLES
RANKINE CYCLE
RT ASTEC SOLAR TURBOELECTRIC GENERATOR
BRAYTON CYCLE
CARNOT CYCLE
LASER PROPULSION
OTTO CYCLE
SOLAR GENERATORS
THERMODYNAMICS

RANKINE-HUGONOT RELATION

RT AEROTHERMODYNAMICS
DENSITY
PRESSURE GRADIENTS
SHOCK WAVE PROPAGATION

RANKING

RT ARRAYS
COMPARISON
EVALUATION
RATINGS
SELECTION
SEQUENCING
VALUE

RAOULT LAW

RT COMPOSITION (PROPERTY)
HENRY LAW
PARTIAL PRESSURE
SOLUTIONS
VAPOR PRESSURE

RAPCON (CONTROL)

USE RADAR APPROACH CONTROL

RAPID AUTOMATIC MALFUNCTION ISOLATION

USE RAMIS (SYSTEM)

RAPID BALLISTICS IDENTIFICATION

GS IDENTIFYING
RAPID BALLISTICS IDENTIFICATION
RT DISPLAY DEVICES
IMAGING TECHNIQUES
LASER APPLICATIONS
LASERS
MEASURING INSTRUMENTS
PHOTOGRAPHY
SCANNING
STIMULATED EMISSION
STIMULATED EMISSION DEVICES

RAPID EYE MOVEMENT STATE

UF DESYNCHRONIZED SLEEP
REMS
RT DREAMS
EYE MOVEMENTS
SLEEP

RAPID QUENCHING (METALLURGY)

RT CRYSTAL GROWTH
CRYSTAL LATTICES
CRYSTAL STRUCTURE
METALLURGY
QUENCHING

RAPID TRANSIT SYSTEMS

RAPID TRANSIT SYSTEMS

UF HIGH SPEED TRANSPORTATION
 GS TRANSPORTATION
 . **RAPID TRANSIT SYSTEMS**
 RT AIR TRANSPORTATION
 AUTOMATED GUIDEWAY TRANSIT
 VEHICLES
 CARGO
 GROUND EFFECT MACHINES
 HIGHWAYS
 LOGISTICS
 PASSENGERS
 RAIL TRANSPORTATION
 RAILS
 ROADS
 ∞ SYSTEMS
 ∞ TRANSPORT VEHICLES
 TRANSPORTATION NETWORKS
 URBAN TRANSPORTATION

RAPIDS

RT MEANDERS
 RIVER BASINS
 RIVERS
 STREAMS
 WATER CURRENTS
 WATER FLOW

RARE EARTH ALLOYS

GS ALLOYS
 . **RARE EARTH ALLOYS**
 . ERBIUM ALLOYS
 . GADOLINIUM ALLOYS
 . NEODYMIUM ALLOYS
 RT YTTRIUM ALLOYS

RARE EARTH COMPOUNDS

GS **RARE EARTH COMPOUNDS**
 . CERIUM COMPOUNDS
 . BASTNASITE
 . CERIUM OXIDES
 . DYSPROSIUM COMPOUNDS
 . ERBIUM COMPOUNDS
 . EUROPIUM COMPOUNDS
 . LANTHANUM TELLURIDES
 . LUTETIUM COMPOUNDS
 . NEODYMIUM COMPOUNDS
 . SAMARIUM COMPOUNDS
 . SCANDIUM COMPOUNDS
 . SCANDIUM OXIDES
 . THULIUM COMPOUNDS
 . YTTERBIUM COMPOUNDS
 RT ∞ CHEMICAL COMPOUNDS
 ∞ GROUP 3B COMPOUNDS
 ∞ METAL COMPOUNDS

RARE EARTH ELEMENTS

UF LANTHANIDE SERIES METALS
 GS CHEMICAL ELEMENTS
 . **RARE EARTH ELEMENTS**
 . CERIUM
 . . . CERIUM ISOTOPES
 . . . CERIUM 137
 . . . CERIUM 144
 . DYSPROSIUM
 . DYSPROSIUM ISOTOPES
 . ERBIUM
 . ERBIUM ISOTOPES
 . EUROPIUM
 . EUROPIUM ISOTOPES
 . GADOLINIUM
 . GADOLINIUM ISOTOPES
 . HOLMIUM
 . HOLMIUM ISOTOPES
 . LANTHANUM
 . LANTHANUM ISOTOPES
 . LUTETIUM
 . LUTETIUM ISOTOPES
 . NEODYMIUM
 . NEODYMIUM ISOTOPES
 . PRASEODYMIUM
 . PRASEODYMIUM ISOTOPES
 . PROMETHIUM
 . PROMETHIUM ISOTOPES
 . SAMARIUM
 . SAMARIUM ISOTOPES
 . SCANDIUM
 . SCANDIUM ISOTOPES
 . TERBIUM
 . TERBIUM ISOTOPES
 . THULIUM
 . THULIUM ISOTOPES
 . YTTERBIUM
 . YTTERBIUM ISOTOPES
 . YTTRIUM

RARE EARTH ELEMENTS-(CONT.)

. . . YTTRIUM ISOTOPES
 METALS
 . **RARE EARTH ELEMENTS**
 . CERIUM
 . . . CERIUM ISOTOPES
 . . . CERIUM 137
 . . . CERIUM 144
 . DYSPROSIUM
 . DYSPROSIUM ISOTOPES
 . ERBIUM
 . ERBIUM ISOTOPES
 . EUROPIUM
 . EUROPIUM ISOTOPES
 . GADOLINIUM
 . GADOLINIUM ISOTOPES
 . HOLMIUM
 . HOLMIUM ISOTOPES
 . LANTHANUM
 . LANTHANUM ISOTOPES
 . LUTETIUM
 . LUTETIUM ISOTOPES
 . NEODYMIUM
 . NEODYMIUM ISOTOPES
 . PRASEODYMIUM
 . PRASEODYMIUM ISOTOPES
 . PROMETHIUM
 . PROMETHIUM ISOTOPES
 . SAMARIUM
 . SAMARIUM ISOTOPES
 . SCANDIUM
 . SCANDIUM ISOTOPES
 . TERBIUM
 . TERBIUM ISOTOPES
 . THULIUM
 . THULIUM ISOTOPES
 . YTTERBIUM
 . YTTERBIUM ISOTOPES
 . YTTRIUM
 . . . YTTRIUM ISOTOPES
 RT ALKALI VAPOR LAMPS
 KREEP
 NEODYMIUM LASERS
 TRANSITION METALS

∞ RARE GAS COMPOUNDS

SN *(USE OF A MORE SPECIFIC TERM IS
 RECOMMENDED-CONSULT THE TERMS
 LISTED BELOW)*
 RT EXCIMER LASERS
 EXCIMERS
 HELIUM COMPOUNDS
 XENON COMPOUNDS

RARE GAS-HALIDE LASERS

GS STIMULATED EMISSION DEVICES
 . LASERS
 . **RARE GAS-HALIDE LASERS**
 . . . KRYPTON FLUORIDE LASERS
 . . . XENON FLUORIDE LASERS
 RT COHERENT LIGHT
 GAS LASERS
 LASER PUMPING
 LASING
 LIGHT BEAMS
 OPTICAL PUMPING
 STIMULATED EMISSION

RARE GASES

UF INERT GASES
 GS NOBLE GASES
 CHEMICAL ELEMENTS
 . **RARE GASES**
 . ARGON
 . ARGON ISOTOPES
 . HELIUM
 . HELIUM ATOMS
 . HELIUM FILM
 . HELIUM ISOTOPES
 . LIQUID HELIUM
 . . . LIQUID HELIUM 2
 . NEON
 . LIQUID NEON
 . NEON ISOTOPES
 . RADON
 . RADON ISOTOPES
 . XENON
 . XENON ISOTOPES
 . . . XENON 129
 . . . XENON 133
 . . . XENON 135
 GASES
 . **RARE GASES**
 . ARGON
 . . . ARGON ISOTOPES

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RARE GASES-(CONT.)

. . . HELIUM
 . . . HELIUM ATOMS
 . . . HELIUM FILM
 . . . HELIUM ISOTOPES
 . . . LIQUID HELIUM
 . . . LIQUID HELIUM 2
 . NEON
 . LIQUID NEON
 . NEON ISOTOPES
 . RADON
 . RADON ISOTOPES
 . XENON
 . XENON ISOTOPES
 . . . XENON 129
 . . . XENON 133
 . . . XENON 135
 RT MONATOMIC GASES
 NONPOLAR GASES
 RAMSAUER EFFECT

RAREFACTION

RT ANTINODES
 COMPRESSING
 ELASTIC WAVES
 EXPANSION
 VACUUM

RAREFACTION WAVES

USE ELASTIC WAVES

RAREFIED GAS DYNAMICS

GS FLUID MECHANICS
 . FLUID DYNAMICS
 . GAS DYNAMICS
 . . . **RAREFIED GAS DYNAMICS**
 RT ATOMIC BEAMS
 CHAPMAN-ENSKOG THEORY
 CONTINUUM FLOW
 FREE MOLECULAR FLOW
 KNUDSEN FLOW
 LOW DENSITY FLOW
 LOW DENSITY WIND TUNNELS
 MOLECULAR BEAMS
 MOLECULAR FLOW
 PLASMAS (PHYSICS)
 SLIP FLOW
 TRANSITION FLOW

RAREFIED GASES

UF LOW DENSITY GASES
 GS GASES
 . **RAREFIED GASES**
 . . . COSMIC GASES
 . . . INTERPLANETARY GAS
 . . . INTERSTELLAR GAS
 . . . NEUTRAL GASES
 RT ELECTRON GAS
 FREE MOLECULAR FLOW
 GAS DENSITY
 GAS TEMPERATURE
 HIGH TEMPERATURE GASES
 LOW DENSITY FLOW
 LOW DENSITY RESEARCH
 MOLECULAR GASES

RAREFIED PLASMAS

GS GASES
 . IONIZED GASES
 . CHARGED PARTICLES
 . . . **RAREFIED PLASMAS**
 . CHARGED PARTICLES
 . . . ENERGETIC PARTICLES
 . . . PLASMAS (PHYSICS)
 . . . **RAREFIED PLASMAS**
 RT CATHODE GLOW
 COLD PLASMAS
 COLLISIONLESS PLASMAS
 ELECTRON PLASMA
 NONUNIFORM PLASMAS

RASERS

USE MASERS

RATE METERS

USE MEASURING INSTRUMENTS

RATE OF CLIMB INDICATORS

GS AIRCRAFT INSTRUMENTS
 . **RATE OF CLIMB INDICATORS**
 RT ALTIMETERS
 FLIGHT INSTRUMENTS
 ∞ INDICATORS

RATES (PER TIME)

GS

RATES (PER TIME)

. ACCELERATION (PHYSICS)
 . ANGULAR ACCELERATION
 . DECELERATION
 . . SPIN REDUCTION
 . ELECTRON ACCELERATION
 . HIGH ACCELERATION
 . HIGH GRAVITY ENVIRONMENTS
 . IMPACT ACCELERATION
 . PARTICLE ACCELERATION
 . PLASMA ACCELERATION
 . TRANSVERSE ACCELERATION
 . ACOUSTIC VELOCITY
 . AIRSPEED
 . ANGULAR VELOCITY
 . BURNING RATE
 . COLLISION PARAMETERS
 . COLLISION RATES
 . CRITICAL VELOCITY
 . DECAY RATES
 . ELECTRON DECAY RATE
 . DRIFT RATE
 . ESCAPE VELOCITY
 . EVAPORATION RATE
 . EXHAUST VELOCITY
 . FLOW VELOCITY
 . . SOLAR WIND VELOCITY
 . FLUX (RATE)
 . HEAT FLUX
 . MAGNETIC FLUX
 . SOLAR FLUX
 . FLUX DENSITY
 . CURRENT DENSITY
 . PHOTON DENSITY
 . RADIANT FLUX DENSITY
 . . IRRADIANCE
 . . ILLUMINANCE
 . . . SOLAR CONSTANT
 . LUMENS
 . LUMINOUS INTENSITY
 . . ILLUMINANCE
 . . LUMINANCE
 . . PARTICLE FLUX DENSITY
 . . ELECTRON FLUX DENSITY
 . . NEUTRON FLUX DENSITY
 . . PROTON FLUX DENSITY
 . . RADIANCE
 . . RADIANCY
 . . SOLAR FLUX DENSITY
 . . . SOLAR CONSTANT
 . SOUND INTENSITY
 . . ZERO SOUND
 . GROUND SPEED
 . GROUP VELOCITY
 . HEART RATE
 . ARRHYTHMIA
 . BRADYCARDIA
 . SYSTOLE
 . TACHYCARDIA
 . HIGH SPEED
 . HYPERSONIC SPEED
 . ION PRODUCTION RATES
 . LANDING SPEED
 . LIGHT SPEED
 . LOADING RATE
 . LOW SPEED
 . MASS FLOW RATE
 . ORBITAL VELOCITY
 . PHASE VELOCITY
 . PHYSIOLOGICAL ACCELERATION
 . PROPAGATION VELOCITY
 . PULSE RATE
 . RADIAL VELOCITY
 . RECOMBINATION COEFFICIENT
 . RELATIVISTIC VELOCITY
 . RESPIRATORY RATE
 . . DYSPNEA
 . . HYPOVENTILATION
 . . TACHYPNEA
 . ROTOR SPEED
 . SIGNAL FADING RATE
 . SOLAR VELOCITY
 . STRAIN RATE
 . SUBSONIC SPEED
 . SUPERSONIC SPEEDS
 . TERMINAL VELOCITY
 . TIP SPEED
 . TRANSONIC SPEED
 . WIND VELOCITY
 . . SOLAR WIND VELOCITY

RT

ACCESS TIME
 MTBF
 SOLITARY WAVES
 TIME FUNCTIONS
 TIME MEASUREMENT

RATES (PER TIME)-(CONT.)
VOLUME

RATINGS

RT

ASSESSMENTS
 CONSISTENCY
 EVALUATION
 NORMALIZING (STATISTICS)
 . PERFORMANCE
 . POSITION (TITLE)
 . RANKING

RATIOMETERS

GS

MEASURING INSTRUMENTS
 . RATIOMETERS

RATIONAL FUNCTIONS

GS

ANALYSIS (MATHEMATICS)
 . COMPLEX VARIABLES
 . . MEROMORPHIC FUNCTIONS
 . . . RATIONAL FUNCTIONS
 . . . FUNCTIONS (MATHEMATICS)
 . . . MEROMORPHIC FUNCTIONS
 . . . RATIONAL FUNCTIONS

RATIONS

GS

RATIONS
 . SPACE RATIONS
 RT . FOOD

RATIOS

UF

PERCENTAGE

GS

RATIOS
 . ASPECT RATIO
 . . HIGH ASPECT RATIO
 . . LOW ASPECT RATIO
 . COMPRESSION RATIO
 . DIMENSIONLESS NUMBERS
 . FROUDE NUMBER
 . GRASHOF NUMBER
 . HARTMANN NUMBER
 . LAVAL NUMBER
 . LEWIS NUMBERS
 . MACH NUMBER
 . NUSSELT NUMBER
 . PECLET NUMBER
 . PRANDTL NUMBER
 . RAYLEIGH NUMBER
 . REYNOLDS NUMBER
 . RICHARDSON NUMBER
 . SCHMIDT NUMBER
 . SIMILARITY NUMBERS
 . STANTON NUMBER
 . STROUHAL NUMBER
 . FINENESS RATIO
 . FUEL-AIR RATIO
 . INDEXES (RATIOS)
 . KP INDEX
 . MORPHOLOGICAL INDEXES
 . LIFT DRAG RATIO
 . MASS RATIOS
 . MASS TO LIGHT RATIOS
 . PAYLOAD MASS RATIO
 . PROPELLANT MASS RATIO
 . MILLS RATIO
 . MODULAR RATIOS
 . PERVEANCE
 . POISSON RATIO
 . PRESSURE RATIO
 . SCALE (RATIO)
 . SIGNAL TO NOISE RATIOS
 . STANDING WAVE RATIOS
 . STRESS RATIO
 . THICKNESS RATIO
 . THRUST-WEIGHT RATIO
 . VOID RATIO
 RT EFFICIENCY
 FRACTIONS
 PROPORTION
 PSYCHOLOGICAL TESTS
 REFRACTIVITY

RATS

GS

. ANIMALS
 . VERTEBRATES
 . . MAMMALS
 . . . RODENTS
 RATS

RT

MICE
 POCKET MICE

RATSCAT PROGRAM

USE

RADAR TARGET SCATTER SITE
 PROGRAM

RAVEN HELICOPTER

USE

OH-23 HELICOPTER

RAVINES

GS

LANDFORMS
 . RAVINES
 RT CANYONS
 EROSION
 RIVER BASINS
 VALLEYS
 WATER EROSION

RAWINSONDES

GS

MEASURING INSTRUMENTS
 . METEOROLOGICAL INSTRUMENTS
 . . RADIOSONDES
 . . . RAWINSONDES
 . . . SONDES
 . . . RADIOSONDES
 . . . RAWINSONDES
 . RADIO EQUIPMENT
 . RADIO TRANSMITTERS
 . . RADIOSONDES
 . . . RAWINSONDES
 . TRANSMITTERS
 . RADIO TRANSMITTERS
 . . RADIOSONDES
 . . . RAWINSONDES
 RT DROPSONDES
 METEOROLOGICAL BALLOONS
 RADAR TRACKING
 RADIO TRACKING
 WIND MEASUREMENT

RAY ACOUSTICS

USE

GEOMETRICAL ACOUSTICS

RAY OPTICS

USE

GEOMETRICAL OPTICS

RAY TRACING

RT

DIFFRACTION
 GEOMETRICAL OPTICS
 GEOMETRICAL THEORY OF
 DIFFRACTION
 GRADIENT INDEX OPTICS
 GRAZING INCIDENCE
 OPTICAL MEASUREMENT
 REFLECTANCE
 TRACKING (POSITION)
 TRANSMITTANCE

RAYLEIGH DISTRIBUTION

GS

FUNCTIONS (MATHEMATICS)
 . PROBABILITY DENSITY FUNCTIONS
 . . RAYLEIGH DISTRIBUTION
 . STATISTICAL ANALYSIS
 . PROBABILITY DENSITY FUNCTIONS
 . . RAYLEIGH DISTRIBUTION
 . STATISTICAL DISTRIBUTIONS
 . . RAYLEIGH DISTRIBUTION
 RT ERROR ANALYSIS
 OPERATIONS RESEARCH
 RADIAL DISTRIBUTION

RAYLEIGH EQUATIONS

RT

. EQUATIONS
 . HEAT TRANSFER
 . THERMODYNAMICS

RAYLEIGH NUMBER

GS

RATIOS
 . DIMENSIONLESS NUMBERS
 . . RAYLEIGH NUMBER
 RT BENARD CELLS
 BUOYANCY

RAYLEIGH SCATTERING

GS

SCATTERING
 . WAVE SCATTERING
 . . ELECTROMAGNETIC SCATTERING
 . . . MIE SCATTERING
 RAYLEIGH SCATTERING
 RT AIRGLOW
 GRAY GAS
 LIGHT SCATTERING
 RAMAN SPECTROSCOPY
 SKY

RAYLEIGH WAVES

GS

ELASTIC WAVES
 . SEISMIC WAVES
 . . RAYLEIGH WAVES
 RT BAROTROPIC FLOW

RAYLEIGH-RITZ METHOD

RAYLEIGH WAVES-(CONT.)

FLUID FLOW
S WAVES
TWO DIMENSIONAL FLOW

RAYLEIGH-RITZ METHOD

GS ANALYSIS (MATHEMATICS)
. NUMERICAL ANALYSIS
. APPROXIMATION
. . . RAYLEIGH-RITZ METHOD
RT ∞ METHODOLOGY
VARIATIONAL PRINCIPLES

RAYON

GS FIBERS
. SYNTHETIC FIBERS
. . RAYON
TEXTILES
. RAYON

∞ RAYS

SN *(USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)*
RT ATMOSPHERIC RADIATION
BACKGROUND NOISE
BEAMS (RADIATION)
CAUSTICS (OPTICS)
COHERENT RADIATION
CONTINUOUS RADIATION
CORPUSCULAR RADIATION
ELECTROMAGNETIC RADIATION
EXTRATERRESTRIAL RADIATION
GAMMA RAYS
LUNAR RAYS
POLARIZED RADIATION
PULSED RADIATION

RAYTHEON COMPUTERS

GS DATA-PROCESSING EQUIPMENT
. COMPUTERS
. DIGITAL COMPUTERS
. . . RAYTHEON COMPUTERS

RAZOR BLADES

GS CUTTERS
. BLADES (CUTTERS)
. . RAZOR BLADES

RB-47 AIRCRAFT

USE B-47 AIRCRAFT

RB-50 AIRCRAFT

UF SUPER FORTRESS AIRCRAFT
GS BOEING AIRCRAFT
. RB-50 AIRCRAFT
MONOPLANES
. RB-50 AIRCRAFT
OBSERVATION AIRCRAFT
. RB-50 AIRCRAFT
RECONNAISSANCE AIRCRAFT
. RB-50 AIRCRAFT
RT BOMBER AIRCRAFT
WEATHER RECONNAISSANCE AIRCRAFT

RB-57 AIRCRAFT

USE B-57 AIRCRAFT

RB-66 AIRCRAFT

USE B-66 AIRCRAFT

RBE

USE RELATIVE BIOLOGICAL EFFECTIVENESS
(RBE)

RC CIRCUITS

UF RC NETWORKS
GS CIRCUITS
. RC CIRCUITS
CAPACITANCE
COUPLING CIRCUITS
DISCRIMINATORS
ELECTRIC FILTERS
ELECTRICAL RESISTANCE
LC CIRCUITS
NETWORK ANALYSIS
NETWORK SYNTHESIS
RLC CIRCUITS
TIME CONSTANT

RC NETWORKS

USE RC CIRCUITS

RCA COMPUTERS

GS DATA PROCESSING EQUIPMENT
. COMPUTERS
. . RCA COMPUTERS
. . . RCA SPECTRA 70 COMPUTER
. . . RCA-110 COMPUTERS
RT DATA PROCESSING

RCA SATCOM C

GS SATELLITES
. ARTIFICIAL SATELLITES
. COMMUNICATION SATELLITES
. . . RCA SATCOM SATELLITES
. . . . RCA SATCOM C
. EARTH SATELLITES
. COMMUNICATION SATELLITES
. . . RCA SATCOM SATELLITES
. . . . RCA SATCOM C
RT DOMESTIC SATELLITE COMMUNICATIONS
SYSTEMS

RCA SATCOM SATELLITES

GS SATELLITES
. ARTIFICIAL SATELLITES
. COMMUNICATION SATELLITES
. . . RCA SATCOM SATELLITES
. . . . RCA SATCOM C
. . . . RCA SATCOM 1
. . . . RCA SATCOM 2
. EARTH SATELLITES
. COMMUNICATION SATELLITES
. . . RCA SATCOM SATELLITES
. . . . RCA SATCOM C
. . . . RCA SATCOM 1
. . . . RCA SATCOM 2
RT DOMESTIC SATELLITE COMMUNICATIONS
SYSTEMS

RCA SATCOM 1

GS SATELLITES
. ARTIFICIAL SATELLITES
. COMMUNICATION SATELLITES
. . . RCA SATCOM SATELLITES
. . . . RCA SATCOM 1
. EARTH SATELLITES
. COMMUNICATION SATELLITES
. . . RCA SATCOM SATELLITES
. . . . RCA SATCOM 1
RT DELTA LAUNCH VEHICLE
DOMESTIC SATELLITE COMMUNICATIONS
SYSTEMS

RCA SATCOM 2

GS SATELLITES
. ARTIFICIAL SATELLITES
. COMMUNICATION SATELLITES
. . . RCA SATCOM SATELLITES
. . . . RCA SATCOM 2
. EARTH SATELLITES
. COMMUNICATION SATELLITES
. . . RCA SATCOM SATELLITES
. . . . RCA SATCOM 2

RCA SPECTRA 70 COMPUTER

GS DATA PROCESSING EQUIPMENT
. COMPUTERS
. DIGITAL COMPUTERS
. . . RCA SPECTRA 70 COMPUTER
. . . RCA COMPUTERS
. . . RCA SPECTRA 70 COMPUTER

RCA-110 COMPUTERS

GS DATA PROCESSING EQUIPMENT
. COMPUTERS
. . RCA COMPUTERS
. . . RCA-110 COMPUTERS

RDX

UF CYCLOTTRIMETHYLENE TRINITRAMINE
TRINITROTIAZOCYCLOHEXANE
GS EXPLOSIVES
. RDX
HETEROCYCLIC COMPOUNDS
. RDX
NITROGEN COMPOUNDS
. AZO COMPOUNDS
. . RDX
PROPELLANTS
. RDX
RT PYROTECHNICS
SOLID PROPELLANTS
SOLID ROCKET PROPELLANTS

REACTANCE

GS IMPEDANCE

NASA THESAURUS (VOLUME 1)

REACTANCE-(CONT.)

. ELECTRICAL IMPEDANCE
. . REACTANCE
RT CAPACITANCE
ELECTRICAL RESISTANCE
FOSTER THEORY
INDUCTANCE
SMITH CHART

∞ REACTION

SN *(USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)*
RT CHEMICAL REACTIONS
HUMAN REACTIONS
IRRITATION
NUCLEAR REACTIONS
THRUST

REACTION BONDING

GS BONDING
. REACTION BONDING
RT ALUMINUM
CERAMICS
CHEMICAL REACTIONS
MELTING POINTS
NITROGEN
OXYGEN
POWDER METALLURGY
SIALON
SILICON
SILICON NITRIDES
SINTERING

∞ REACTION CONTROL

SN *(USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)*
RT CHEMICAL REACTION CONTROL
COMBUSTION CONTROL
DIRECTIONAL CONTROL
MARQUARDT R4D ENGINE
NUCLEAR REACTOR CONTROL
REACTOR SAFETY
THRUST CONTROL

REACTION JET BACKPACKS

USE SELF MANEUVERING UNITS

REACTION JETS

USE JET FLOW
JET THRUST

REACTION KINETICS

UF CHEMICAL KINETICS
REACTION RATE
GS KINETICS
. REACTION KINETICS
RT ASSOCIATION REACTIONS
CATALYSIS
CHEMICAL EQUILIBRIUM
CHEMICAL REACTIONS
HALF LIFE
HEAT OF DISSOCIATION
INTERSTELLAR CHEMISTRY
IRREVERSIBLE PROCESSES
NUCLEAR REACTIONS
PRESSURE DEPENDENCE
SOLVATION

REACTION PRODUCTS

GS PRODUCTS
. REACTION PRODUCTS
RT ASHES
BY-PRODUCTS
COMBUSTION PRODUCTS
EFFLUENTS
ENGINES
EXHAUST GASES
FUMES
GASES
INFRARED SUPPRESSION
JET ENGINES
RESIDUES
SLAGS
SLUDGE

REACTION RATE

USE REACTION KINETICS

REACTION TIME

UF REVERSE TIME
GS TIME
. REACTION TIME

REACTION TIME-(CONT.)

RT . . CHRONAXY
ADAPTATION
CONDITIONED REFLEXES
DYNAMIC CHARACTERISTICS
DYNAMIC RESPONSE
HUMAN REACTIONS
PERCEPTUAL TIME CONSTANT
PHYSIOLOGICAL EFFECTS
PONTYAGIN PRINCIPLE
PSYCHOLOGICAL EFFECTS
PSYCHOMOTOR PERFORMANCE
RAMP FUNCTIONS
REFLEXES
REFRACTORY PERIOD
SENSITIVITY
SENSORIMOTOR PERFORMANCE
STEP FUNCTIONS
TIME CONSTANT
TIME LAG

REACTION WHEELS

UF INERTIA WHEELS
GS WHEELS
RT . **REACTION WHEELS**
ATTITUDE CONTROL
COUNTER-ROTATING WHEELS
FLYWHEELS

REACTIVITY

RT CHEMICAL REACTIONS
INHOUR EQUATION
NUCLEAR REACTIONS

REACTOR CHEMISTRY

USE RADIOCHEMISTRY

REACTOR CORES

GS CORES
RT . **REACTOR CORES**
ANNULAR CORE PULSE REACTORS
CONTROL RODS
NUCLEAR FUEL ELEMENTS
NUCLEAR FUELS
NUCLEAR REACTORS
∞ OPERATORS
PLASMA CORE REACTORS
REFLECTOMETERS
REFLECTORS
VOID RATIO

REACTOR DESIGN

RT ANNULAR CORE PULSE REACTORS
BLANKETS (FISSION REACTORS)
BLANKETS (FUSION REACTORS)
CHEMICAL REACTORS
COMPUTERIZED DESIGN
∞ DESIGN
ENGINE DESIGN
ENGINEERING TEST REACTORS
HANFORD REACTORS
HIGH TEMPERATURE NUCLEAR REACTORS
LIMITERS (FUSION REACTORS)
NUCLEAR REACTORS
NUCLEAR RESEARCH AND TEST REACTORS
OFFSHORE REACTOR SITES
ORGANIC COOLED REACTORS
PEBBLE BED REACTORS
PRODUCT DEVELOPMENT

REACTOR FUELS

USE NUCLEAR FUELS

REACTOR IN FLIGHT TEST PROGRAM

USE RIFT (REACTOR IN FLIGHT TEST)

REACTOR MATERIALS

RT ANNULAR CORE PULSE REACTORS
BLANKETS (FISSION REACTORS)
BLANKETS (FUSION REACTORS)
CHEMICAL REACTORS
∞ CONSTRUCTION MATERIALS
COOLANTS
LIMITERS (FUSION REACTORS)
∞ MATERIALS
MODERATORS
NUCLEAR FUEL ELEMENTS
NUCLEAR FUELS
NUCLEAR REACTORS
PRESSURE VESSELS
RADIATION SHIELDING
SPENT FUELS

REACTOR PHYSICS

GS NUCLEAR PHYSICS
RT . **REACTOR PHYSICS**
ANNULAR CORE PULSE REACTORS
BETA FACTOR
HANFORD REACTORS
INHOUR EQUATION
NUCLEAR FUEL BURNUP
NUCLEAR REACTORS

REACTOR SAFETY

GS SAFETY
RT . **REACTOR SAFETY**
ANNULAR CORE PULSE REACTORS
CHEMICAL REACTORS
CONTROL RODS
EXPLOSIONS
INDUSTRIAL SAFETY
NUCLEAR REACTOR CONTROL
NUCLEAR REACTORS
OFFSHORE REACTOR SITES
RADIATION HAZARDS
∞ REACTION CONTROL
RELIEF VALVES
TRANSIENT REACTOR TEST FACILITY

REACTOR STARTUP TESTS

GS FUEL TESTS
RT . **REACTOR STARTUP TESTS**
INITIATION
NUCLEAR FUELS
NUCLEAR REACTORS
STARTING
∞ TESTS

REACTOR TECHNOLOGY

GS TECHNOLOGIES
RT . **REACTOR TECHNOLOGY**
ANNULAR CORE PULSE REACTORS
∞ ENGINEERING
ENGINEERING TEST REACTORS
HANFORD REACTORS
HIGH TEMPERATURE NUCLEAR REACTORS
NUCLEAR FUEL BURNUP
NUCLEAR REACTORS
NUCLEAR RESEARCH AND TEST REACTORS
OFFSHORE REACTOR SITES
ORGANIC COOLED REACTORS
PEBBLE BED REACTORS
REVERSE FIELD PINCH

∞ REACTORS

SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)*
RT ANNULAR CORE PULSE REACTORS
CHEMICAL REACTORS
ELECTRIC REACTORS
FAST TEST REACTORS
FUSION REACTORS
FUSION-FISSION HYBRID REACTORS
HIGH TEMPERATURE NUCLEAR REACTORS
MOLTEN SALT NUCLEAR REACTORS
NUCLEAR REACTORS
NUCLEAR RESEARCH AND TEST REACTORS
PLASMA CORE REACTORS
POWER REACTORS
RIFT (REACTOR IN FLIGHT TEST)
SNAPTRAN REACTOR
SPHEROMAKS
SWIMMING POOL REACTORS
THERMAL REACTORS
TOKAMAK DEVICES
WATER COOLED REACTORS

READ-ONLY MEMORY DEVICES

GS PERIPHERAL EQUIPMENT (COMPUTERS)
COMPUTER STORAGE DEVICES
RT . **READ-ONLY MEMORY DEVICES**
COMPUTER COMPONENTS
COMPUTER DESIGN
COMPUTER SYSTEMS DESIGN
COMPUTERS

READERS

UF READING MACHINES
RT CHARACTER RECOGNITION
CONICAL SCANNING
∞ DETECTORS
MAGNETIC TAPES
MICROFILMS

READERS-(CONT.)

OPTICAL DATA PROCESSING
OPTICAL SCANNERS
PATTERN RECOGNITION
PUNCHED CARDS
PUNCHED TAPES
READING

READING

GS **READING**
LIP READING
RT CHARACTER RECOGNITION
CONICAL SCANNING
DATA TRANSMISSION
DISPLAY DEVICES
INPUT
∞ INTERPRETATION
LEGIBILITY
PERCEPTION
PRINTING
READERS
SCANNERS
SCANNING
SYMBOLS
VISIBILITY

READING MACHINES

USE READERS

READJUSTMENT

USE ADJUSTING

READOUT

RT DISPLAY DEVICES
MULTIPLE OUTPUT PROGRAMS
OUTPUT
PRINTERS (DATA PROCESSING)
PRINTOUTS
REMOTE CONSOLES

REAL GASES

GS GASES
RT . **REAL GASES**
EQUATIONS OF STATE
GAS DENSITY
IDEAL GAS
KINETIC THEORY
MOLECULAR GASES
MONATOMIC GASES

REAL NUMBERS

GS **REAL NUMBERS**
INTEGERS
RT COMPLEX NUMBERS
∞ NUMBERS

REAL TIME OPERATION

RT AUTOMATIC CONTROL
COMPUTER PROGRAMMING
COMPUTERS
DISPLAY DEVICES
INTEGRATED MISSION CONTROL CENTER
MULTIPROCESSING (COMPUTERS)
ONBOARD DATA PROCESSING

REAL VARIABLES

GS ANALYSIS (MATHEMATICS)
RT . **REAL VARIABLES**
ABEL FUNCTION
ASYMPTOTES
BESSEL FUNCTIONS
HANKEL FUNCTIONS
BETHE-SALPETER EQUATION
CALCULUS OF VARIATIONS
COMPOSITE FUNCTIONS
DELTA FUNCTION
DIFFERENTIAL EQUATIONS
BLASIUS EQUATION
CAUCHY-RIEMANN EQUATIONS
CHANDRASEKHAR EQUATION
COSINE SERIES
DUFFING DIFFERENTIAL EQUATION
FALKNER-SKAN EQUATION
HYPERBOLIC DIFFERENTIAL EQUATIONS
LAME WAVE EQUATIONS
PARTIAL DIFFERENTIAL EQUATIONS
BIHARMONIC EQUATIONS
BURGER EQUATION
ELLIPTIC DIFFERENTIAL EQUATIONS
MONGE-AMPERE EQUATION
EULER-CAUCHY EQUATIONS
FOKKER-PLANCK EQUATION

REATTACHED FLOW

REAL VARIABLES-(CONT.)

. . . GAUSS EQUATION
 . . . HELMHOLTZ VORTICITY EQUATION
 . . . LIOUVILLE EQUATIONS
 . . . PARABOLIC DIFFERENTIAL EQUATIONS
 . . . VLASOV EQUATIONS
 . . . POISSON EQUATION
 . . . EINSTEIN EQUATIONS
 . . . EXISTENCE THEOREMS
 . . . EXTREMUM VALUES
 . . . LIMITS (MATHEMATICS)
 . . . MAXIMA
 . . . MINIMA
 . . . FOURIER-BESSEL TRANSFORMATIONS
 . . . GREEN FUNCTION
 . . . HYPERBOLIC FUNCTIONS
 . . . HYPERPLANES
 . . . JACOBI INTEGRAL
 . . . JACOBI MATRIX METHOD
 . . . KERNEL FUNCTIONS
 . . . LIAPUNOV FUNCTIONS
 . . . LINEAR EQUATIONS
 . . . LINEAR EVOLUTION EQUATIONS
 . . . LIPSCHITZ CONDITION
 . . . MEASURE AND INTEGRATION
 . . . BINARY INTEGRATION
 . . . BOREL SETS
 . . . FUNCTIONAL INTEGRATION
 . . . INTEGRAL CALCULUS
 . . . J INTEGRAL
 . . . LEBESGUE THEOREM
 . . . NUMERICAL INTEGRATION
 . . . RUNGE-KUTTA METHOD
 . . . STIELTJES INTEGRAL
 . . . WEIGHTING FUNCTIONS
 . . . NEUMANN PROBLEM
 . . . NONLINEAR EQUATIONS
 . . . CUBIC EQUATIONS
 . . . DUFFING DIFFERENTIAL EQUATION
 . . . MONGE-AMPERE EQUATION
 . . . NONLINEAR EVOLUTION EQUATIONS
 . . . QUADRATIC EQUATIONS
 . . . QUARTIC EQUATIONS
 . . . NUMERICAL DIFFERENTIATION
 . . . PERIODIC FUNCTIONS
 . . . TRIGONOMETRIC FUNCTIONS
 . . . COSINE SERIES
 . . . SINE SERIES
 . . . TANGENTS
 . . . SERIES (MATHEMATICS)
 . . . ASYMPTOTIC SERIES
 . . . CAMPBELL-HAUSDORFF SERIES
 . . . COSINE SERIES
 . . . FOURIER SERIES
 . . . PADE APPROXIMATION
 . . . POWER SERIES
 . . . TAYLOR SERIES
 . . . MACLAURIN SERIES
 . . . PROGRESSIONS
 . . . PRONY SERIES
 . . . SINE SERIES
 . . . STURM-LIOUVILLE THEORY
 . . . VECTOR ANALYSIS
 . . . COLLINEARITY
 . . . COPLANARITY
 . . . CURL (VECTORS)
 . . . VORTICITY
 . . . WEIERSTRASS FUNCTIONS
 . . . WHITTAKER FUNCTIONS
 RT APERIODIC FUNCTIONS
 CALCULUS
 CHOLESKY FACTORIZATION
 COMPLEX VARIABLES
 CONTINUUMS
 DEPENDENT VARIABLES
 DIFFERENTIAL CALCULUS
 FACTORIZATION
 FOURIER ANALYSIS
 HERMITIAN POLYNOMIAL
 HYPERSPHERES
 INFINITY
 INFLECTION POINTS
 MAXIMUM PRINCIPLE
 MONOTONE FUNCTIONS
 SCHMIDT METHOD
 STABILITY DERIVATIVES
 UNIQUENESS THEOREM
 ∞ VARIABLE

REATTACHED FLOW

GS FLUID FLOW
 . . VISCIOUS FLOW
 . . BOUNDARY LAYER FLOW
 . . . REATTACHED FLOW

REATTACHED FLOW-(CONT.)

RT ∞ ATTACHMENT
 BOUNDARY LAYER SEPARATION
 COANDA EFFECT
 CROCCO-LEE THEORY
 FLOW CHARACTERISTICS
 FLOW DISTRIBUTION
 SEPARATED FLOW

REATTACHMENT

USE ATTACHMENT

REB

USE RELATIVISTIC ELECTRON BEAMS

REBREATHING

RT AIR PURIFICATION
 CARBON DIOXIDE CONCENTRATION
 CARBON DIOXIDE REMOVAL
 EXPIRED AIR
 LIFE SUPPORT SYSTEMS
 SPACECRAFT CABIN ATMOSPHERES

RECEIVERS

UF RECEIVING SYSTEMS
 GS **RECEIVERS**
 . LINEAR RECEIVERS
 . LOGARITHMIC RECEIVERS
 . RADAR RECEIVERS
 . RADIO RECEIVERS
 . SUPERHETERODYNE RECEIVERS
 . RADIOTELEPHONES
 . TELEVISION RECEIVERS
 RT AMPLIFIERS
 ∞ DETECTORS
 DISPLAY DEVICES
 DUPLEXERS
 ELECTRIC FILTERS
 INSTRUMENT RECEIVERS
 ∞ RECEIVING
 REPEATERS
 TANKS (CONTAINERS)
 TELEPRINTERS
 TELETYPEWRITERS
 TRANSMITTERS

∞ RECEIVING

SN (USE OF A MORE SPECIFIC TERM IS
 RECOMMENDED-CONSULT THE TERMS
 LISTED BELOW)

UF RECEPTION
 RT ACQUISITION
 COLLECTION
 DELIVERY
 PROCUREMENT
 RADAR RECEPTION
 RADIO RECEPTION
 RECEIVERS
 RECOGNITION
 SIGNAL RECEPTION
 TELEVISION RECEPTION

RECEIVING SYSTEMS

USE RECEIVERS

RECEPTACLES (CONTAINERS)

USE CONTAINERS

RECEPTION

USE RECEIVING

RECEPTION DIVERSITY

UF SPACE DIVERSITY
 GS RADIO EQUIPMENT
 . RECEPTION DIVERSITY
 RT FADING
 RADIO ANTENNAS
 RADIO RECEIVERS
 RADIO RECEPTION
 SIGNAL FADING

RECEPTORS (PHYSIOLOGY)

GS **RECEPTORS (PHYSIOLOGY)**
 . BARORECEPTORS
 . CHEMORECEPTORS
 . GRAVIRECEPTORS
 . MECHANORECEPTORS
 . PHOTORECEPTORS
 . PROPRIOCEPTORS
 . THERMORECEPTORS
 RT SENSE ORGANS
 SENSITOMETRY

NASA THESAURUS (VOLUME 1)

RECESSES

RT CAVITIES
 CREVASSES
 ∞ HOLLOW

RECESSION

RT ∞ DEPRESSION
 ECONOMICS

RECHARGING

RT CHARGE EFFICIENCY

RECIPROCAL THEOREMS

GS THEOREMS
 . **RECIPROCAL THEOREMS**
 RT ANGLES (GEOMETRY)
 GEOMETRY
 LINES (GEOMETRY)
 POINTS (MATHEMATICS)
 PROJECTIVE GEOMETRY

RECIPROCATING ENGINES

USE PISTON ENGINES

RECIPROCACTION

RT CYCLES
 MECHANICAL OSCILLATORS
 PISTON ENGINES
 PISTONS

RECIPROCITY THEOREM

RT ACOUSTIC SCATTERING
 ELECTROMAGNETIC FIELDS
 ELECTROMAGNETIC SCATTERING
 WAVE SCATTERING

RECIRCULATION

USE CIRCULATION

RECIRCULATIVE FLUID FLOW

GS FLUID FLOW
 . **RECIRCULATIVE FLUID FLOW**
 RT BOUNDARY LAYER FLOW
 BOUNDARY LAYER SEPARATION
 REVERSED FLOW
 TURBULENT FLOW
 TURBULENT MIXING
 VORTICES

RECLAMATION

GS **RECLAMATION**
 . GAS RECOVERY
 . MATERIALS RECOVERY
 . NUCLEAR FUEL REPROCESSING
 . WATER RECLAMATION
 RT OIL RECOVERY
 ∞ RECOVERY
 RECYCLING
 REGENERATION (ENGINEERING)

RECOGNITION

GS **RECOGNITION**
 . PATTERN RECOGNITION
 . CHARACTER RECOGNITION
 . GRAPHOLOGY
 . SPEECH RECOGNITION
 . TARGET RECOGNITION
 . TIMBER IDENTIFICATION
 RT ACQUISITION
 CONSCIOUSNESS
 CROP IDENTIFICATION
 IDENTIFYING
 IFF SYSTEMS (IDENTIFICATION)
 ∞ INTERPRETATION
 MEMORY
 ∞ RECEIVING
 REMOTE SENSING

RECOIL ATOMS

GS ATOMS
 . **RECOIL ATOMS**
 RT RECOILINGS

RECOIL IONS

GS IONS
 . **RECOIL IONS**
 RT ATOMIC COLLISIONS
 CHARGE EXCHANGE
 ELECTRON SCATTERING
 ION IMPACT
 ION PRODUCTION RATES
 ION SCATTERING
 IONIC COLLISIONS
 RECOILINGS

RECOIL PROTONS

- GS PARTICLES
 - . CHARGED PARTICLES
 - . . . PROTONS
 - . . . **RECOIL PROTONS**
 - . . . ELEMENTARY PARTICLES
 - . . . FERMIONS
 - . . . PROTONS
 - . . . **RECOIL PROTONS**
- RT BARYONS
- RECOILINGS

RECOILINGS

- RT COLLISIONS
- PARTICLE MOTION
- RECOIL ATOMS
- RECOIL IONS
- RECOIL PROTONS

RECOMBINATION COEFFICIENT

- GS COEFFICIENTS
 - . **RECOMBINATION COEFFICIENT**
 - RATES (PER TIME)
 - . **RECOMBINATION COEFFICIENT**
- RT FREE ELECTRONS
- ION RECOMBINATION
- IONIZED GASES

RECOMBINATION REACTIONS

- GS **RECOMBINATION REACTIONS**
 - . ATOMIC RECOMBINATION
 - . . . OXYGEN RECOMBINATION
 - . ELECTRON RECOMBINATION
 - . . . RADIATIVE RECOMBINATION
 - . ELECTRON-ION RECOMBINATION
 - . . . RADIATIVE RECOMBINATION
 - . HYDROGEN RECOMBINATIONS
 - . ION RECOMBINATION
- RT ATOMIC COLLISIONS
- CAPTURE EFFECT
- FERTILIZATION
- SUHL EFFECT

RECOMMENDATIONS

- GS **RECOMMENDATIONS**
 - . SUGGESTION
- RT DECISION THEORY

RECOMPRESSION

- USE COMPRESSING

RECONNAISSANCE

- GS **RECONNAISSANCE**
 - . AERIAL RECONNAISSANCE
 - . . . AIRBORNE INTEGRATED
 - . . . RECONNAISSANCE SYSTEM
 - . PHOTORECONNAISSANCE
 - . SPECTRAL RECONNAISSANCE
- RT EARTH RESOURCES
- INTELLIGENCE
- OBSERVATION
- PATROLS
- PHOTO GEOLOGY
- SARSAT
- SEARCHING
- SPACE OBSERVATIONS (FROM EARTH)
- SPACE SURVEILLANCE (SPACEBORNE)
- SURVEILLANCE
- SURVEYS
- TERRAIN ANALYSIS

RECONNAISSANCE AIRCRAFT

- GS **RECONNAISSANCE AIRCRAFT**
 - . A-9 AIRCRAFT
 - . BREGUET 1150 AIRCRAFT
 - . CESSNA L-19 AIRCRAFT
 - . CL-28 AIRCRAFT
 - . CL-84 AIRCRAFT
 - . EARTH RESOURCES SURVEY
 - . AIRCRAFT
 - . F-5 AIRCRAFT
 - . G-91 AIRCRAFT
 - . G-95/4 AIRCRAFT
 - . HS-801 AIRCRAFT
 - . MIRAGE AIRCRAFT
 - . . . MIRAGE 3 AIRCRAFT
 - . OV-10 AIRCRAFT
 - . P-1127 AIRCRAFT
 - . P-1154 AIRCRAFT
 - . RB-50 AIRCRAFT
 - . SUNDERLAND 5 FLYING BOAT
 - . TSR-2 AIRCRAFT
 - . U-2 AIRCRAFT
 - . VICTOR MK-1 AIRCRAFT

RECONNAISSANCE AIRCRAFT-(CONT.)

- . WEATHER RECONNAISSANCE
- AIRCRAFT
- RT AERIAL RECONNAISSANCE
- ∞ AIRCRAFT
- ANTISUBMARINE WARFARE AIRCRAFT
- FLYING PLATFORMS
- JET AIRCRAFT
- LIGHT AIRCRAFT
- ∞ MILITARY AIRCRAFT
- ∞ MILITARY AVIATION
- MILITARY HELICOPTERS
- OBSERVATION AIRCRAFT
- PILOTLESS AIRCRAFT
- SUBMERSIBLE AIRCRAFT
- SUPERSONIC AIRCRAFT
- UTILITY AIRCRAFT
- V/STOL AIRCRAFT
- VALIANT AIRCRAFT
- WATER TAKEOFF AND LANDING
- AIRCRAFT
- YF-12 AIRCRAFT

RECONNAISSANCE SPACECRAFT

- GS MILITARY SPACECRAFT
 - . **RECONNAISSANCE SPACECRAFT**
 - . . . MIDAS SATELLITES
 - . . . MIDAS 2 SATELLITE
 - . . . MIDAS 3 SATELLITE
 - . . . MIDAS 4 SATELLITE
 - . . . MIDAS 5 SATELLITE
 - . . . MIDAS 6 SATELLITE
 - . . . MIDAS 7 SATELLITE
 - . . . PHOTO RECONNAISSANCE
 - . . . SPACECRAFT
- RT AERIAL RECONNAISSANCE
- ARTIFICIAL SATELLITES
- MANNED ORBITAL LABORATORIES
- MANNED SPACECRAFT
- UNMANNED SPACECRAFT

RECONSTRUCTION

- GS **RECONSTRUCTION**
 - . WAVE FRONT RECONSTRUCTION
- RT CONSTRUCTION
- RESTORATION

∞ RECORDERS

- SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)*
- RT CABLE FORCE RECORDERS
- DATA RECORDERS
- PLAYBACKS
- RECORDING INSTRUMENTS
- REGISTERS (COMPUTERS)
- TAPE RECORDERS
- VLF EMISSION RECORDERS

RECORDING

- GS **RECORDING**
 - . DATA RECORDING
 - . DATA SMOOTHING
 - . MAGNETIC RECORDING
 - . PHOTOGRAPHIC RECORDING
 - . PREDICTION RECORDING
- RT PLAYBACKS
- PLOTTING
- PRIVACY
- ∞ STORAGE

RECORDING HEADS

- RT DATA RECORDING

RECORDING INSTRUMENTS

- UF EMISSOGRAPHS
- PLUVIOGRAPHS
- THERMOGRAMS
- GS **RECORDING INSTRUMENTS**
 - . BATHY THERMOGRAPHS
 - . CABLE FORCE RECORDERS
 - . FLIGHT LOAD RECORDERS
 - . FLIGHT RECORDERS
 - . FORCE VECTOR RECORDERS
 - . MECHANOGRAMS
 - . OSCILLOGRAPHS
 - . PLOTTERS
 - . . . X-Y PLOTTERS
 - . PRESSURE RECORDERS
 - . RADIO METEOROGRAPHS
 - . SEISMOGRAPHS
 - . . . LUNAR SEISMOGRAPHS
 - . WEATHER DATA RECORDERS
 - . WHISTLER RECORDERS
- RT AIRCRAFT INSTRUMENTS

RECORDING INSTRUMENTS-(CONT.)

- AUTOMATIC CONTROL
- BUBBLE TECHNIQUE
- CONTROL EQUIPMENT
- COUNTERS
- DATA RECORDERS
- ELECTRONIC RECORDING SYSTEMS
- FLIGHT INSTRUMENTS
- GRAPHS (CHARTS)
- INDICATING INSTRUMENTS
- INSTRUMENT RECEIVERS
- INSTRUMENT TRANSMITTERS
- ∞ INSTRUMENTS
- MEASURING INSTRUMENTS
- METEOROLOGICAL INSTRUMENTS
- ∞ PENS
- PHOTOGRAPHIC RECORDING
- ∞ RECORDERS
- SONOGRAMS
- SPHYGMOGRAPHY
- TAPE RECORDERS
- TRANSDUCERS
- VLF EMISSION RECORDERS

RECORDS

- GS DOCUMENTS
 - . **RECORDS**
 - . . . VIDEO DISKS
- RT CASE HISTORIES
- ∞ DATA
 - . DATA PROCESSING
 - . DATA RECORDING
 - . DOCUMENTATION
- ∞ DRAWING
 - . FORMAT
 - . HISTORIES
 - . PERIODICALS
 - . PLAYBACKS
 - . PRESIDENTIAL REPORTS
 - . PRIVACY
 - . REPORTS
- ∞ REPRODUCTION
 - . SUPPLEMENTS
 - . TECHNICAL WRITING
- ∞ TESTS
 - . TEXTS

RECOVERABILITY

- RT DAMAGE ASSESSMENT
- ∞ PROPERTIES
- ∞ RECOVERY

RECOVERABLE LAUNCH VEHICLES

- GS LAUNCH VEHICLES
 - . **RECOVERABLE LAUNCH VEHICLES**
- RT BOOSTER RECOVERY
- LAUNCH VEHICLE CONFIGURATIONS
- MULTIENGINE VEHICLES
- ∞ RECOVERY
 - . RECOVERY PARACHUTES
 - . REUSABLE LAUNCH VEHICLES
- ∞ WINGED VEHICLES

RECOVERABLE SATELLITES

- USE RECOVERABLE SPACECRAFT.

RECOVERABLE SPACECRAFT

- UF RECOVERABLE SATELLITES
- GS REENTRY VEHICLES
 - . **RECOVERABLE SPACECRAFT**
 - . . . APOLLO SPACECRAFT
 - . . . APOLLO LUNAR EXPERIMENT
 - . . . MODULE
 - . . . ASTRO VEHICLE
 - . . . DISCOVERER 17 SATELLITE
 - . . . DISCOVERER 18 SATELLITE
 - . . . DISCOVERER 29 SATELLITE
 - . . . DISCOVERER 30 SATELLITE
 - . . . DISCOVERER 32 SATELLITE
 - . . . DISCOVERER 36 SATELLITE
 - . . . DISCOVERER 38 SATELLITE
 - . . . GEMINI 8 SPACECRAFT
 - . . . GEMINI SPACECRAFT
 - . . . GEMINI (GT-1) SPACECRAFT
 - . . . GEMINI 2 SPACECRAFT
 - . . . MERCURY SPACECRAFT
 - . . . AURORA 7
 - . . . FAITH 7
 - . . . FREEDOM 7
 - . . . FRIENDSHIP 7
 - . . . LIBERTY BELL 7
 - . . . SIGMA 7
 - . . . REUSABLE SPACECRAFT
 - . . . AEROSPACEPLANES
 - . . . ASTROPLANE

RECOVERY

RECOVERABLE SPACECRAFT-(CONT.)

... MARS (MANNED REUSABLE SPACECRAFT)
 ... VOSKHOD MANNED SPACECRAFT
 ... VOSKHOD 1 SPACECRAFT
 ... VOSKHOD 2 SPACECRAFT
 ... VOSTOK SPACECRAFT
 ... VOSTOK 1 SPACECRAFT
 ... VOSTOK 2 SPACECRAFT
 ... VOSTOK 3 SPACECRAFT
 ... VOSTOK 4 SPACECRAFT
 ... VOSTOK 5 SPACECRAFT
 ... VOSTOK 6 SPACECRAFT
 RT BOOSTER ROCKET ENGINES
 BOOSTGLIDE VEHICLES
 EXPENDABLE STAGES (SPACECRAFT)
 HYPERSONIC VEHICLES
 INERTIAL UPPER STAGE
 INTERIM STAGES (SPACECRAFT)
 LIFTING REENTRY VEHICLES
 MANEUVERABLE SPACECRAFT
 MANNED SPACECRAFT
 MILITARY SPACECRAFT
 RENDEZVOUS SPACECRAFT
 SATELLITES
 SPACE CAPSULES
 SPACE SHUTTLE ORBITER 101
 SPACE SHUTTLE ORBITERS
 ∞ SPACECRAFT
 SPACECRAFT RECOVERY
 UNMANNED SPACECRAFT
 ∞ WINGED VEHICLES

∞ RECOVERY

SN (USE OF A MORE SPECIFIC TERM IS RECOMMENDED—CONSULT THE TERMS LISTED BELOW)
 RT BOOSTER RECOVERY
 GAS RECOVERY
 MATERIALS RECOVERY
 NUCLEAR FUEL REPROCESSING
 OIL RECOVERY
 PRESSURE RECOVERY
 RECLAMATION
 RECOVERABILITY
 RECOVERABLE LAUNCH VEHICLES
 RECOVERY PARACHUTES
 RETRIEVAL
 REUSE
 SPACECRAFT RECOVERY
 STRESS RELAXATION
 STRESS RELIEVING
 VISUAL DISCRIMINATION

RECOVERY PARACHUTES

GS PARACHUTES
 . RECOVERY PARACHUTES
 RT BOOSTER RECOVERY
 DISCOVERER RECOVERY CAPSULES
 RECOVERABLE LAUNCH VEHICLES
 ∞ RECOVERY
 RIBBON PARACHUTES
 SPACECRAFT RECOVERY

RECOVERY VEHICLES

SN (EXCLUDES RECOVERABLE VEHICLES)
 RT HELICOPTERS
 ∞ MILITARY VEHICLES
 TRUCKS

RECOVERY ZONES

RT DOWNRANGE
 LANDING SITES
 REENTRY RANGE
 REGIONS
 SPACECRAFT RECOVERY

RECREATION

RT MORALE
 PARKS
 RELAXATION (PHYSIOLOGY)
 REST
 STARSITE PROGRAM
 URBAN PLANNING
 URBAN RESEARCH

RECRYSTALLIZATION

GS CRYSTALLIZATION
 . RECRYSTALLIZATION
 RT ANNEALING
 HEAT TREATMENT
 LASER ANNEALING
 ∞ METALLURGY
 NUCLEATION
 POLYGONIZATION

RECRYSTALLIZATION-(CONT.)

∞ SEPARATION

RECTANGLES

GS GEOMETRY
 . EUCLIDEAN GEOMETRY
 . . POLYGONS
 . . . TETRAGONS
 RECTANGLES
 RT RECTANGULAR PLANFORMS

RECTANGULAR BEAMS

GS STRUCTURAL MEMBERS
 . BEAMS (SUPPORTS)
 . . RECTANGULAR BEAMS
 RT BOX BEAMS

RECTANGULAR COORDINATES

USE CARTESIAN COORDINATES

RECTANGULAR DRAINAGE

USE DRAINAGE PATTERNS

RECTANGULAR GUIDES

GS TRANSMISSION LINES
 . COMMUNICATION CABLES
 . . WAVEGUIDES
 . . . RECTANGULAR GUIDES
 RT BEAM WAVEGUIDES
 MICROWAVE FILTERS

RECTANGULAR PANELS

GS PANELS
 . RECTANGULAR PANELS
 . . PLANFORMS
 . . . RECTANGULAR PLANFORMS
 RECTANGULAR PANELS
 RT STRAKES
 STRUCTURAL MEMBERS
 WING PANELS

RECTANGULAR PLANFORMS

GS PLANFORMS
 . RECTANGULAR PLANFORMS
 . . RECTANGULAR PANELS
 . . . RECTANGULAR PLATES
 RECTANGULAR WINGS
 RT RECTANGLES
 WING PLANFORMS

RECTANGULAR PLATES

GS PLANFORMS
 . RECTANGULAR PLANFORMS
 . . RECTANGULAR PLATES
 RT FLAT PLATES
 METAL PLATES
 ∞ PLATES
 PLATES (STRUCTURAL MEMBERS)

RECTANGULAR WIND TUNNELS

GS TEST FACILITIES
 . WIND TUNNELS
 . . RECTANGULAR WIND TUNNELS
 RT SUBSONIC WIND TUNNELS

RECTANGULAR WINGS

UF STRAIGHT WINGS
 GS AIRFOILS
 . WINGS
 . . UNSWEPT WINGS
 . . . RECTANGULAR WINGS
 PLANFORMS
 RECTANGULAR PLANFORMS
 RECTANGULAR WINGS

RECTENNAS

UF RECTIFIER ANTENNAS
 GS MICROWAVE EQUIPMENT
 . MICROWAVE ANTENNAS
 . . RECTENNAS
 RT SATELLITE POWER TRANSMISSION (TO EARTH)
 SOLAR RADIATION
 SPACETENNAS

RECTIFICATION

GS RECTIFICATION
 . GEOMETRIC RECTIFICATION (IMAGERY)
 RT ∞ CONDENSATION
 DISTILLATION
 PURIFICATION
 REFINING

NASA THESAURUS (VOLUME 1)

RECTIFIER ANTENNAS

USE RECTENNAS

RECTIFIERS

SN (EXCLUDES PHOTOGRAPHIC RECTIFIER)
 GS RECTIFIERS
 . AVALANCHE DIODES
 . . CRYOSAR
 . . CRYSTAL RECTIFIERS
 . . GERMANIUM DIODES
 . . IGNITRONS
 . . THYRATRONS
 . . THYRISTORS
 . . . SILICON CONTROLLED RECTIFIERS
 RT BARRITT DIODES
 CURRENT CONVERTERS (AC TO DC)
 DIODES
 ELECTRON TUBES
 ∞ ENERGY SOURCES
 FORM FACTORS
 MERCURY ARCS
 METAL OXIDE SEMICONDUCTORS
 ∞ POWER SUPPLIES
 POWER SUPPLY CIRCUITS
 SEMICONDUCTOR DEVICES
 SOLID STATE DEVICES
 THIN FILMS

RECTUM

GS DIGESTIVE SYSTEM
 . GASTROINTESTINAL SYSTEM
 . . INTESTINES
 . . . RECTUM
 VISCERA
 INTESTINES
 RECTUM

RECUPERATORS

USE REGENERATORS

RECURSION FORMULAS

USE RECURSIVE FUNCTIONS

RECURSIVE FUNCTIONS

UF RECURSION FORMULAS
 GS FUNCTIONS (MATHEMATICS)
 . RECURSIVE FUNCTIONS
 RT FIR FILTERS
 LISP (PROGRAMMING LANGUAGE)

RECYCLING

RT ECONOMY
 EXTRACTION
 MATERIALS RECOVERY
 NUCLEAR FUEL REPROCESSING
 ∞ PROCESSING
 RECLAMATION
 REFINING
 RESOURCES
 SPENT FUELS

RED ARCS

GS ATMOSPHERIC RADIATION
 . AURORAS
 . . AURORAL ARCS
 . . . RED ARCS
 RT ∞ ARCS
 AURORAL IONIZATION

RED BLOOD CELLS

USE ERYTHROCYTES

RED GIANT STARS

GS CELESTIAL BODIES
 . STARS
 . . S STARS
 . . . GIANT STARS
 RED GIANT STARS
 CARBON STARS
 RT LATE STARS
 M STARS
 STELLAR EVOLUTION
 STELLAR LUMINOSITY

RED SEA

GS SEAS
 . RED SEA
 RT AFRICA
 ASIA

RED SHIFT

RT COSMOLOGY
 DOPPLER EFFECT
 DOPPLER-FIZEAU EFFECT

RED SHIFT-(CONT.)

GALAXIES
HUBBLE CONSTANT
HUBBLE DIAGRAM
RADIAL VELOCITY

RED TIDE

RT FISHES
MARINE ENVIRONMENTS
MICROORGANISMS
OCEANOGRAPHY
PLANKTON
SEA WATER
TOXICOLOGY

REDEYE MISSILE

GS MISSILES
. ANTIAIRCRAFT MISSILES
. **REDEYE MISSILE**
. SURFACE TO AIR MISSILES
. **REDEYE MISSILE**
RT SOLID PROPELLANT ROCKET ENGINES

REDOX CELLS

GS ELECTROCHEMICAL CELLS
. ELECTRIC BATTERIES
. **REDOX CELLS**
RT ELECTROCHEMISTRY
ELECTROLYTES
ENERGY CONVERSION EFFICIENCY
ENERGY STORAGE

REDUCED GRAVITY

UF LOW GRAVITY
SUBGRAVITY
GS GRAVITATION
. **REDUCED GRAVITY**
RT ANTIGRAVITY
DROP TOWERS
HIGH GRAVITY ENVIRONMENTS
LOW GRAVITY MANUFACTURING
LOW WEIGHT

REDUCED ORDER FILTERS

GS LINEAR FILTERS
. **REDUCED ORDER FILTERS**
RT ELECTRIC FILTERS
∞ FILTERS
KALMAN FILTERS
NAVIGATION AIDS

∞ REDUCTION

SN *(USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)*
UF DECREMENTING
DIMINUTION
SHORTENING
RT ATTENUATION
CLEANING
COMMINUTION
CONTRACTION
DAMPING
DATA REDUCTION
DECELERATION
DECONTAMINATION
DEMAGNETIZATION
DEOXYGENATION
DEPLETION
DEPOLARIZATION
DILUTION
DIMMING
DISPERSING
DISSIPATION
DRAG REDUCTION
ELIMINATION
FRICTION REDUCTION
HYDROGENOLYSIS
∞ INHIBITION
IODIMETRY
LEAKAGE
METAL WORKING
NOISE REDUCTION
OPTIMIZATION
PRESSURE REDUCTION
PREVENTION
PURIFICATION
REDUCTION (CHEMISTRY)
REFINING
RELAXATION (MECHANICS)
REMOVAL
RETARDING
SHRINKAGE
SIDELOBE REDUCTION
SPIN REDUCTION

REDUCTION-(CONT.)

STOPPING
TAPERING

REDUCTION (CHEMISTRY)

GS CHEMICAL REACTIONS
. **REDUCTION (CHEMISTRY)**
. DEOXIDIZING
. HYDROGENATION
RT DEHYDROGENATION
ELECTRODEPOSITION
ELECTROLYSIS
METAL POWDER
OXIDATION
OXIDATION-REDUCTION REACTIONS
PURIFICATION
∞ REDUCTION
ROASTING
SMELTING

REDUCTION (MATHEMATICS)

USE OPTIMIZATION

REDUNDANCY

RT ASSURANCE
COMMUNICATION THEORY
COMPUTER PROGRAM INTEGRITY
CORRECTION
ERROR DETECTION CODES
INFORMATION THEORY
RELIABILITY

REDUNDANCY ENCODING

GS CODING
. **REDUNDANCY ENCODING**
RT CONCATENATED CODES
DATA TRANSMISSION
ERROR CORRECTING CODES
ERROR CORRECTING DEVICES
ERROR DETECTION CODES
REPETITION
SIGNAL ENCODING

REDUNDANT COMPONENTS

UF REDUNDANT STRUCTURES
RT BACKUPS
∞ COMPONENTS
RELIABILITY
SPARE PARTS
∞ STRUCTURES

REDUNDANT STRUCTURES

USE REDUNDANT COMPONENTS

REEDS (PLANTS)

GS PLANTS (BOTANY)
. GRASSES
. **REEDS (PLANTS)**

REEFS

GS LANDFORMS
. BARRIERS (LANDFORMS)
. **REEFS**
RT ATOLLS
BARS (LANDFORMS)
CORAL REEFS
ISLAND ARCS
ISLANDS
OCEANOGRAPHY
ROCKS
SANDS
SHALLOW WATER
∞ SHELVES
SHOALS

REELS

RT ∞ CONTAINERS
SPOOLS

REENTRY

GS ATMOSPHERIC ENTRY
. **REENTRY**
. HYPERBOLIC REENTRY
. HYPERSONIC REENTRY
. UNCONTROLLED REENTRY
(SPACECRAFT)
. MANNED REENTRY
. SPACECRAFT REENTRY
. UNCONTROLLED REENTRY
(SPACECRAFT)
RT ABLATION
AERODYNAMIC HEATING
AERODYNAMIC STABILITY
AERODYNAMICS

REENTRY-(CONT.)

AEROTHERMODYNAMICS
DESCENT
DESCENT TRAJECTORIES
∞ ENTRY
FLIGHT PATHS
IMPACT PREDICTION
LIFTING REENTRY VEHICLES
LOW OBSERVABLE REENTRY VEHICLES
MISSILES
∞ ROCKETS
SPACE FLIGHT
TERMINAL GUIDANCE

REENTRY BODIES

USE REENTRY VEHICLES

REENTRY COMMUNICATION

GS TELECOMMUNICATION
. SPACE COMMUNICATION
. SPACECRAFT COMMUNICATION
. **REENTRY COMMUNICATION**
RT BLACKOUT (PROPAGATION)
MANNED REENTRY
PLASMA SHEATHS
RADIO COMMUNICATION
VOICE COMMUNICATION

REENTRY DECOYS

GS COUNTERMEASURES
. **REENTRY DECOYS**
DECOYS
. **REENTRY DECOYS**
REENTRY VEHICLES
. **REENTRY DECOYS**
RT BALLISTIC MISSILE DECOYS
MISSILE DEFENSE

REENTRY EFFECTS

RT ABLATION
AERODYNAMIC HEATING
BLACKOUT (PROPAGATION)
∞ EFFECTS
HYPERSONIC REENTRY
PLASMA SHEATHS
TEMPERATURE EFFECTS

REENTRY GLIDERS

USE LIFTING REENTRY VEHICLES

REENTRY GUIDANCE

GS GUIDANCE (MOTION)
. **REENTRY GUIDANCE**
RT AUTOMATIC CONTROL
DESCENT TRAJECTORIES
INERTIAL GUIDANCE
MANUAL CONTROL
SATELLITE GUIDANCE
SPACECRAFT GUIDANCE
TERMINAL GUIDANCE

REENTRY PHYSICS

RT ABLATION
AEROTHERMOCHEMISTRY
AEROTHERMODYNAMICS
HYPERSONIC REENTRY
LOW OBSERVABLE REENTRY VEHICLES
∞ PHYSICS
PLASMA SHEATHS

REENTRY RANGE

GS DISTANCE
. **REENTRY RANGE**
RT MISSILE RANGES
RECOVERY ZONES

REENTRY SHIELDING

GS SHIELDING
. HEAT SHIELDING
. **REENTRY SHIELDING**
RT ABLATION
ABLATIVE NOSE CONES
AERODYNAMIC HEATING
AEROTHERMOCHEMISTRY
HEAT SINKS
∞ INSULATED STRUCTURES
LUDOX (TRADEMARK)
NOSE CONES
REUSABLE HEAT SHIELDING
SPACECRAFT SHIELDING
THERMAL CONTROL COATINGS
THERMAL INSULATION
THERMAL PROTECTION

REENTRY TRAJECTORIES

REENTRY TRAJECTORIES

GS TRAJECTORIES
 . DESCENT TRAJECTORIES
 . . REENTRY TRAJECTORIES
 RT CIRCUMLUNAR TRAJECTORIES
 FLIGHT MECHANICS
 HYPERBOLIC REENTRY
 MISSILE TRAJECTORIES
 MOON-EARTH TRAJECTORIES
 SPACECRAFT TRAJECTORIES
 TERMINAL GUIDANCE

REENTRY VEHICLES

UF REENTRY BODIES
 GS REENTRY VEHICLES
 . BOOSTGLIDE VEHICLES
 . . X-20 AIRCRAFT
 . JIM DANDY 2 REENTRY BODY
 . LIFTING REENTRY VEHICLES
 . . FDL-5 REENTRY VEHICLE
 . . HL-10 REENTRY VEHICLE
 . . HLD-35 REENTRY VEHICLE
 . JANUS SPACECRAFT
 . M-2 LIFTING BODY
 . . M-2F2 LIFTING BODY
 . . X-20 AIRCRAFT
 . LOW OBSERVABLE REENTRY VEHICLES
 . MANEUVERABLE REENTRY BODIES
 . MARK 1 REENTRY BODY
 . MARK 2 REENTRY BODY
 . MARK 3 REENTRY BODY
 . MARK 4 REENTRY BODY
 . MARK 5 REENTRY BODY
 . MARK 6 REENTRY BODY
 . MARK 10 REENTRY BODY
 . MARK 11 REENTRY BODY
 . MARK 12 REENTRY BODY
 . MARK 17 REENTRY BODY
 . RECOVERABLE SPACECRAFT
 . . APOLLO SPACECRAFT
 . . . APOLLO LUNAR EXPERIMENT MODULE
 . . . ASTRO VEHICLE
 . . . DISCOVERER 17 SATELLITE
 . . . DISCOVERER 18 SATELLITE
 . . . DISCOVERER 29 SATELLITE
 . . . DISCOVERER 30 SATELLITE
 . . . DISCOVERER 32 SATELLITE
 . . . DISCOVERER 36 SATELLITE
 . . . DISCOVERER 38 SATELLITE
 . . . GEMINI B SPACECRAFT
 . . . GEMINI (GT-1) SPACECRAFT
 . . . GEMINI 2 SPACECRAFT
 . . . MERCURY SPACECRAFT
 . . . AURORA 7
 . . . FAITH 7
 . . . FREEDOM 7
 . . . FRIENDSHIP 7
 . . . LIBERTY BELL 7
 . . . SIGMA 7
 . . . REUSABLE SPACECRAFT
 . . . AEROSPACEPLANES
 ASTROPLANE
 . . . MARS (MANNED REUSABLE SPACECRAFT)
 . . . VOSKHOD MANNED SPACECRAFT
 . . . VOSKHOD 1 SPACECRAFT
 . . . VOSKHOD 2 SPACECRAFT
 . . . VOSTOK SPACECRAFT
 . . . VOSTOK 1 SPACECRAFT
 . . . VOSTOK 2 SPACECRAFT
 . . . VOSTOK 3 SPACECRAFT
 . . . VOSTOK 4 SPACECRAFT
 . . . VOSTOK 5 SPACECRAFT
 . . . VOSTOK 6 SPACECRAFT
 . . . REENTRY DECOYS
 . . . TRAILBLAZER 1 REENTRY VEHICLE
 . . . TRAILBLAZER 2 REENTRY VEHICLE
 . . . X-17 REENTRY VEHICLE
 RT ABLATIVE NOSE CONES
 AEROTHERMOCHEMISTRY
 ATHENA ROCKET VEHICLE
 ∞ BALLISTIC VEHICLES
 ∞ BLUFF BODIES
 ∞ BODIES
 ∞ FERRY SPACECRAFT
 ∞ FLIGHT VEHICLES
 ∞ HYPERSONIC VEHICLES
 ∞ INSULATED STRUCTURES
 LANDING MODULES
 LIFTING BODIES
 MANEUVERABLE SPACECRAFT
 MISSILES
 NOSE CONES

REENTRY VEHICLES-(CONT.)

PYRAMIDAL BODIES
 ∞ ROCKETS
 SPACE CAPSULES
 ∞ SPACECRAFT
 SPACECRAFT CONFIGURATIONS
 TERMINAL GUIDANCE
 TEST VEHICLES
 ∞ VEHICLES
 ∞ WINGED VEHICLES

REFERENCE ATMOSPHERES

UF STANDARD ATMOSPHERES
 GS MODELS
 . . ATMOSPHERIC MODELS
 . . . REFERENCE ATMOSPHERES
 STANDARDS
 . . . REFERENCE ATMOSPHERES

REFERENCE STARS

GS CELESTIAL BODIES
 . STARS
 . . REFERENCE STARS
 RT ASTRONOMICAL COORDINATES
 ASTRONOMICAL PHOTOGRAPHY
 CELESTIAL NAVIGATION
 NAVIGATION AIDS
 SPACE NAVIGATION

∞ REFERENCE SYSTEMS

SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)*
 RT BIBLIOGRAPHIES
 CELESTIAL REFERENCE SYSTEMS
 COORDINATES
 DOCUMENTATION
 INDEXES (DOCUMENTATION)
 INERTIAL REFERENCE SYSTEMS
 LIBRARIES
 SPHERICAL COORDINATES
 ∞ SYSTEMS
 WISWESSER NOTATIONS

REFERENCES (STANDARDS)

USE STANDARDS

REFILLING

GS FILLING
 . REFILLING
 RT ∞ LOADING
 REPLENISHMENT

REFINING

GS REFINING
 . ELECTROREFINING
 . ELECTROSLAG REFINING
 RT ALKYLATION
 BENEFICIATION
 CHEMICAL FRACTIONATION
 CLEAN FUELS
 CLEANING
 ∞ CONVERSION
 CRYSTALLIZATION
 DESULFURIZING
 DEWAXING
 DISTILLATION
 DROP TRANSFER
 ENERGY POLICY
 ENRICHMENT
 EXTRACTION
 FRACTIONATION
 HYDROGENATION
 HYDROMETALLURGY
 ISOMERIZATION
 MATERIALS RECOVERY
 POLYMERIZATION
 ∞ PROCESSING
 PURIFICATION
 PYROMETALLURGY
 RECTIFICATION
 RECYCLING
 ∞ REDUCTION
 ∞ SEPARATION
 SMELTING
 SUBLIMATION
 UPGRADING
 ZONE MELTING

REFLECTANCE

UF REFLECTION COEFFICIENT
 REFLECTIVITY
 GS ELECTROMAGNETIC PROPERTIES
 . OPTICAL PROPERTIES
 . . REFLECTANCE

NASA THESAURUS (VOLUME 1)

REFLECTANCE-(CONT.)

RT ABSORPTANCE
 ALBEDO
 ATTENUATION COEFFICIENTS
 BIREFRINGENCE
 BISTATIC REFLECTIVITY
 BRIGHTNESS
 COARSENESS
 COSMIC RAY ALBEDO
 EARTH ALBEDO
 FLOW COEFFICIENTS
 GEOMETRICAL THEORY OF DIFFRACTION
 LUSTER
 OPTICAL MEASUREMENT
 OPTICAL REFLECTION
 PHOTOMETRY
 RAY TRACING
 REFLECTION
 REFLECTOMETERS
 SURFACE PROPERTIES
 SURFACE ROUGHNESS EFFECTS
 TRANSMITTANCE

REFLECTED RADIATION

USE REFLECTED WAVES

REFLECTED RAYS

USE REFLECTED WAVES

REFLECTED WAVES

UF REFLECTED RADIATION
 REFLECTED RAYS
 RT CORPUSCULAR RADIATION
 ELASTIC WAVES
 ELECTROMAGNETIC RADIATION
 INCIDENT RADIATION
 OPTICAL REFLECTION
 PHOTON BEAMS
 REFRACTED WAVES
 RETROREFLECTION
 WAVE REFLECTION

REFLECTING TELESCOPES

GS TELESCOPES
 . REFLECTING TELESCOPES
 . . STARSAT TELESCOPE
 RT ASTRONOMICAL TELESCOPES
 CASSEGRAIN OPTICS
 MIRRORS
 OPTICAL EQUIPMENT
 OPTICAL MEASURING INSTRUMENTS
 PARABOLOID MIRRORS
 REFLECTORS
 SCHMIDT TELESCOPES
 SPECTROSCOPIC TELESCOPES
 STRATOSCOPE TELESCOPES

REFLECTION

GS REFLECTION
 . INFRARED REFLECTION
 . OPTICAL REFLECTION
 . RETROREFLECTION
 . SIGNAL REFLECTION
 . SPECULAR REFLECTION
 . SPREAD REFLECTION
 . ULTRAVIOLET REFLECTION
 . WAVE REFLECTION
 . . MACH REFLECTION
 RT BREWSTER ANGLE
 DEFLECTION
 DIFFUSION
 ECHELETTE GRATINGS
 ELECTROMAGNETIC ABSORPTION
 ELECTROMAGNETIC RADIATION
 IMPINGEMENT
 LIGHT (VISIBLE RADIATION)
 ∞ OPTICS
 REFLECTANCE
 REFRACTION
 SCATTERING
 TRANSMISSION
 ZERO SOUND

REFLECTION COEFFICIENT

USE REFLECTANCE

REFLECTIVITY

USE REFLECTANCE

REFLECTOMETERS

GS MEASURING INSTRUMENTS
 . OPTICAL MEASURING INSTRUMENTS
 . . REFLECTOMETERS
 . . . MICROWAVE REFLECTOMETERS

REFLECTOMETERS-(CONT.)

OPTICAL EQUIPMENT
 . OPTICAL MEASURING INSTRUMENTS
 . . **REFLECTOMETERS**
 . . . MICROWAVE REFLECTOMETERS
 RT COMPARATORS
 DIRECTORS (ANTENNA ELEMENTS)
 OPTICAL MEASUREMENT
 PHOTOMETERS
 REACTOR CORES
 REFLECTANCE
 SCHELKUNOFF PRINCIPLE
 TWO REFLECTOR ANTENNAS
 ULTRAVIOLET REFLECTION

REFLECTOR SATELLITES

USE PASSIVE SATELLITES

REFLECTORS

GS **REFLECTORS**
 . FRESNEL REFLECTORS
 . PARABOLIC REFLECTORS
 . . PARABOLOID MIRRORS
 . . RADAR REFLECTORS
 . . RADAR CORNER REFLECTORS
 . . RETROREFLECTORS
 . . SOLAR COLLECTORS
 . . SOLAR REFLECTORS
 . WIGGLER MAGNETS
 RT ANTENNAS
 ATTENUATORS
 BAFFLES
 CEILINGS (ARCHITECTURE)
 DEFLECTORS
 DIRECTORS (ANTENNA ELEMENTS)
 HELIOSTATS
 MIRRORS
 PLASMA CORE REACTORS
 RADIATION SHIELDING
 REACTOR CORES
 REFLECTING TELESCOPES
 SCHELKUNOFF PRINCIPLE
 SUBREFLECTORS
 TELESCOPES
 TWO REFLECTOR ANTENNAS

REFLEXES

GS **REFLEXES**
 . CAROTID SINUS REFLEX
 . CONDITIONED REFLEXES
 . RESPIRATORY REFLEXES
 . . COUGH
 . . HERING-BREVER REFLEX
 . . SNEEZING
 . . VESTIBULAR NYSTAGMUS
 RT DECONDITIONING
 REACTION TIME
 VASOCONSTRICTION
 VASODILATION

REFRACTED RADIATION

USE REFRACTED WAVES

REFRACTED RAYS

USE REFRACTED WAVES

REFRACTED WAVES

UF REFRACTED RADIATION
 REFRACTED RAYS
 RT CORPUSCULAR RADIATION
 EIKONAL EQUATION
 ELASTIC WAVES
 ELECTROMAGNETIC RADIATION
 INCIDENT RADIATION
 PHOTON BEAMS
 REFLECTED WAVES
 REFRACTION
 ∞ WAVES

REFRACTING TELESCOPES

GS TELESCOPES
 . **REFRACTING TELESCOPES**
 RT ASTRONOMICAL TELESCOPES
 LENSES
 OPTICAL EQUIPMENT
 OPTICAL MEASURING INSTRUMENTS
 SPECTROSCOPIC TELESCOPES
 STRATOSCOPE TELESCOPES

REFRACTION

GS **REFRACTION**
 . ATMOSPHERIC REFRACTION
 . . RADIO WAVE REFRACTION
 . . BIREFRINGENCE
 RT ASPHERICITY

REFRACTION-(CONT.)

ASTIGMATISM
 ∞ CONDUCTION
 DEFLECTION
 DIFFRACTION
 DISTORTION
 DIVERGENCE
 HUYGENS PRINCIPLE
 ISOCROMATICS
 LENSES
 LIGHT (VISIBLE RADIATION)
 PHOTOELASTICITY
 PRISMS
 REFLECTION
 REFRACTED WAVES
 REFRACTIVITY
 SINKING
 SNELLS LAW
 TRANSMISSION
 VOIGT EFFECT
 WAVE DISPERSION
 WAVE PROPAGATION

REFRACTIVE INDEX

USE REFRACTIVITY

REFRACTIVITY

UF REFRACTIVE INDEX
 GS ELECTROMAGNETIC PROPERTIES
 . OPTICAL PROPERTIES
 . . **REFRACTIVITY**
 RT ATMOSPHERIC REFRACTION
 BIREFRINGENCE
 BIREFRINGENT COATINGS
 BIREFRINGENT FILTERS
 BREWSTER ANGLE
 GRADIENT INDEX OPTICS
 ISOTROPISM
 LIGHT (VISIBLE RADIATION)
 OPACITY
 OPTICAL THICKNESS
 POLARIZATION (WAVES)
 RATIOS
 REFRACTION
 REFRACTOMETERS
 SNELLS LAW
 UNDERWATER OPTICS

REFRACTOMETERS

GS MEASURING INSTRUMENTS
 . OPTICAL MEASURING INSTRUMENTS
 . . **REFRACTOMETERS**
 OPTICAL EQUIPMENT
 . OPTICAL MEASURING INSTRUMENTS
 . . **REFRACTOMETERS**
 RT GONIOMETERS
 OPTICAL MEASUREMENT
 REFRACTIVITY

REFRACTORIES

GS REFRACTORY MATERIALS
 . **REFRACTORIES**
 RT CERAMICS
 CERMETS
 COMBUSTION CHAMBERS
 FORSTERITE
 FURNACES
 HEARTHS
 MORTARS (MATERIAL)
 REFRACTORY COATINGS
 ROCKET ENGINES
 ROCKET LININGS
 THERMAL INSULATION
 TURBINES

REFRACTORY COATINGS

GS COATINGS
 . PROTECTIVE COATINGS
 . . **REFRACTORY COATINGS**
 RT CERAMICS
 PYROLYTIC MATERIALS
 REFRACTORIES
 THERMAL INSULATION

REFRACTORY MATERIALS

UF HIGH MELTING COMPOUNDS
 HIGH TEMPERATURE MATERIALS
 PYROGRAPHALLOY
 GS **REFRACTORY MATERIALS**
 . LUDOX (TRADEMARK)
 . PORCELAIN
 . REFRACTORIES
 . REFRACTORY METAL ALLOYS
 . . MOLYBDENUM ALLOYS
 . . . RENE 41

REFRACTORY MATERIALS-(CONT.)

. . . RENE 63
 . . . RENE 77
 . . NIOBIUM ALLOYS
 . . OSMIUM ALLOYS
 . . RHENIUM ALLOYS
 . . TANTALUM ALLOYS
 . . TUNGSTEN ALLOYS
 . REFRACTORY METALS
 . . CHROMIUM
 . . . CHROMIUM ISOTOPES
 . . IRIDIUM
 . . . IRIDIUM ISOTOPES
 . . MOLYBDENUM
 . . NIOBIUM
 . . . NIOBIUM ISOTOPES
 . . . NIOBIUM 95
 . . OSMIUM
 . . . OSMIUM ISOTOPES
 . . RHENIUM
 . . . RHENIUM ISOTOPES
 . . TANTALUM
 . . . TANTALUM ISOTOPES
 . . TUNGSTEN
 . . . TUNGSTEN ISOTOPES
 RT ABLATIVE MATERIALS
 CARBIDES
 CARBORUNDUM (TRADEMARK)
 CERAMICS
 CERMETS
 CLAYS
 HIGH TEMPERATURE RESEARCH
 ∞ INORGANIC MATERIALS
 ∞ MATERIALS
 NONFLAMMABLE MATERIALS
 NOZZLE WALLS
 PYROLYTIC MATERIALS
 SCOTCHLITE (TRADEMARK)
 SIALON

REFRACTORY METAL ALLOYS

GS ALLOYS
 . HEAT RESISTANT ALLOYS
 . . **REFRACTORY METAL ALLOYS**
 . . . MOLYBDENUM ALLOYS
 . . . RENE 41
 . . . RENE 63
 . . . RENE 77
 . . NIOBIUM ALLOYS
 . . OSMIUM ALLOYS
 . . . RHENIUM ALLOYS
 . . TANTALUM ALLOYS
 . . TUNGSTEN ALLOYS
 REFRACTORY MATERIALS
 . **REFRACTORY METAL ALLOYS**
 . . MOLYBDENUM ALLOYS
 . . RENE 41
 . . RENE 63
 . . RENE 77
 . . NIOBIUM ALLOYS
 . . OSMIUM ALLOYS
 . . RHENIUM ALLOYS
 . . TANTALUM ALLOYS
 . . TUNGSTEN ALLOYS

REFRACTORY METALS

SN (METALS MELTING ABOVE
 APPROXIMATELY 2400 C)
 GS CHEMICAL ELEMENTS
 . **REFRACTORY METALS**
 . . CHROMIUM
 . . . CHROMIUM ISOTOPES
 . . IRIDIUM
 . . . IRIDIUM ISOTOPES
 . . MOLYBDENUM
 . . NIOBIUM
 . . . NIOBIUM ISOTOPES
 . . . NIOBIUM 95
 . . OSMIUM
 . . . OSMIUM ISOTOPES
 . . TANTALUM
 . . . TANTALUM ISOTOPES
 . . TUNGSTEN
 . . . TUNGSTEN ISOTOPES
 METALS
 . TRANSITION METALS
 . . **REFRACTORY METALS**
 . . . CHROMIUM
 . . . CHROMIUM ISOTOPES
 . . IRIDIUM
 . . . IRIDIUM ISOTOPES
 . . MOLYBDENUM
 . . NIOBIUM
 . . . NIOBIUM ISOTOPES
 . . . NIOBIUM 95

REFRACTORY PERIOD

REFRACTORY METALS-(CONT.)

... OSMIUM
... OSMIUM ISOTOPES
... RHENIUM
... RHENIUM ISOTOPES
... TANTALUM
... TANTALUM ISOTOPES
... TUNGSTEN
... TUNGSTEN ISOTOPES
REFRACTORY MATERIALS
REFRACTORY METALS
... CHROMIUM
... CHROMIUM ISOTOPES
... IRIDIUM
... IRIDIUM ISOTOPES
... MOLYBDENUM
... NIOBIUM
... NIOBIUM ISOTOPES
... NIOBIUM 95
... OSMIUM
... OSMIUM ISOTOPES
... RHENIUM
... RHENIUM ISOTOPES
... TANTALUM
... TANTALUM ISOTOPES
... TUNGSTEN
... TUNGSTEN ISOTOPES
RT HEAT RESISTANT ALLOYS

REFRACTORY PERIOD

RT REACTION TIME
∞ RELAXATION
RESPONSES
TIME LAG

REFRASIL (TRADEMARK)

USE FIBERS
SILICON DIOXIDE

REFRIGERANTS

RT ABSORBERS (MATERIALS)
ABSORPTION COOLING
AIR CONDITIONING
AMMONIA
BRINES
COOLANTS
COOLING SYSTEMS
FLUOROHYDROCARBONS
FREON
ICE
REFRIGERATING
REFRIGERATING MACHINERY
REFRIGERATORS
SOLID NITROGEN

REFRIGERATING

RT AIR CONDITIONING
AIR COOLING
COLD TRAPS
CONDENSING
COOLERS
COOLING
COOLING SYSTEMS
CRYOGENIC COOLING
CRYOGENIC EQUIPMENT
CRYOGENICS
DEFROSTING
DEHUMIDIFICATION
FREEZING
FREON
FROZEN FOODS
HUMIDITY
LOW TEMPERATURE
MAGNETIC COOLING
PRESERVING
REFRIGERANTS
REFRIGERATORS
TEMPERATURE
TEMPERATURE CONTROL
TEMPERATURE DISTRIBUTION
THERMOELECTRIC COOLING
VENTILATION

REFRIGERATING MACHINERY

GS REFRIGERATING MACHINERY
REFRIGERATORS
RT ABSORBERS (EQUIPMENT)
AIR CONDITIONING
AIR CONDITIONING EQUIPMENT
BLOWERS
COMPRESSORS
CONDENSERS (LIQUIFIERS)
COOLERS
COOLING SYSTEMS
CRYOGENIC EQUIPMENT

REFRIGERATING MACHINERY-(CONT.)

EVAPORATORS
HEAT PUMPS
∞ MACHINERY
REFRIGERANTS
TEMPERATURE CONTROL
THERMOELECTRIC COOLING

REFRIGERATORS

GS REFRIGERATING MACHINERY
REFRIGERATORS
RT COOLERS
DEFROSTING
REFRIGERANTS
REFRIGERATING

REFSAT

GS SATELLITES
ARTIFICIAL SATELLITES
... NAVIGATION SATELLITES
... REFSAT
... EARTH SATELLITES
... NAVIGATION SATELLITES
... REFSAT
UNMANNED SPACECRAFT
... NAVIGATION SATELLITES
... REFSAT
RT NAVSTAR SATELLITES
SYNCHRONOUS SATELLITES

REFUELING

UF FUELING
GS REFUELING
... AIR TO AIR REFUELING
RT AIRCRAFT HAZARDS
FLIGHT OPERATIONS
FUEL CONSUMPTION
FUEL CONTAMINATION
FUEL CONTROL
FUEL SYSTEMS
GROUND SUPPORT EQUIPMENT
PREFLIGHT OPERATIONS
PROPELLANT TRANSFER
REPLENISHMENT
RETRACTABLE EQUIPMENT

∞ REGENERATION

SN *(USE OF A MORE SPECIFIC TERM IS
RECOMMENDED—CONSULT THE TERMS
LISTED BELOW)*
RT REGENERATION (ENGINEERING)
REGENERATION (PHYSIOLOGY)

REGENERATION (ENGINEERING)

UF REGENERATIVE CYCLES
RT ∞ GENERATION
POSITIVE FEEDBACK
RECLAMATION
∞ REGENERATION

REGENERATION (PHYSIOLOGY)

UF BIOREGENERATION
RT PHYSIOLOGY
∞ REGENERATION

REGENERATIVE COOLING

GS COOLING
... REGENERATIVE COOLING
RT HEAT EXCHANGERS
PRECOOLING
REGENERATORS

REGENERATIVE CYCLES

USE REGENERATION (ENGINEERING)

REGENERATIVE FEEDBACK

USE POSITIVE FEEDBACK

REGENERATIVE FUEL CELLS

GS ELECTRIC GENERATORS
... DIRECT POWER GENERATORS
... FUEL CELLS
... REGENERATIVE FUEL CELLS
ELECTROCHEMICAL CELLS
... FUEL CELLS
... REGENERATIVE FUEL CELLS
RT BIOCHEMICAL FUEL CELLS
PHOSPHORIC ACID FUEL CELLS
STORAGE BATTERIES

REGENERATORS

UF RECUPERATORS
GS REGENERATORS
... THERMOSIPHONS

NASA THESAURUS (VOLUME 1)

REGENERATORS-(CONT.)

RT ENERGY STORAGE
HEAT EXCHANGERS
HEAT SINKS
REGENERATIVE COOLING
TUBE HEAT EXCHANGERS

REGGE POLES

RT ANGULAR MOMENTUM
∞ POLES
POMERANCHUK THEOREM
POMERONS
SCATTERING CROSS SECTIONS

REGIMES

RT COMMUNITIES
CULTURE (SOCIAL SCIENCES)
ENVIRONMENTS
GOVERNMENTS
NATIONS
POLITICS

REGIONAL PLANNING

GS PLANNING
... REGIONAL PLANNING
... URBAN PLANNING
RT CONSERVATION
FARMLANDS
FOREST MANAGEMENT
FORESTS
HARBORS
HIGHWAYS
INDUSTRIAL AREAS
LAKES
LAND MANAGEMENT
MEGALOPOLISES
PARKS
RESIDENTIAL AREAS
RURAL AREAS
RURAL LAND USE
ST LOUIS-KANSAS CITY CORRIDOR (MO)
SUBURBAN AREAS
URBAN DEVELOPMENT
URBAN TRANSPORTATION

REGIONS

UF ZONES
GS REGIONS
... AURORAL ZONES
... BRILLOUIN ZONES
... CENTRAL ATLANTIC REGION (US)
... D REGION
... E REGION
... EQUATORIAL REGIONS
... F REGION
... FRESNEL REGION
... GUTENBERG ZONE
... HABITATS
... INTERTROPICAL CONVERGENT ZONES
... LUMBAR REGION
... M REGION
... NEW ENGLAND (US)
... NULL ZONES
... PACIFIC NORTHWEST (US)
... PANAMA CANAL ZONE
... PELAGIC ZONE
... POLAR REGIONS
... ANTARCTIC REGIONS
... MCMURDO SOUND
... ROSS ICE SHELF
... ARCTIC REGIONS
... REMOTE REGIONS
... ANTARCTIC REGIONS
... ARCTIC REGIONS
... SAND HILLS REGION (GA-NC-SC)
... SAND HILLS REGION (NE)
... SOUTHEAST ASIA
... SOUTHERN CALIFORNIA
... SOUTHERN YEMEN
... SUBARCTIC REGIONS
... TEMPERATE REGIONS
... TROPICAL REGIONS
... AMAZON REGION (SOUTH AMERICA)
RT ASTEROID BELTS
∞ BELTS
BOUNDARIES
CENTRAL AMERICA
IONOSPHERE
∞ LAYERS
RECOVERY ZONES
∞ SECTORS
SITES

∞REGISTERS

- SN (USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)
- RT REGISTERS (AIR CIRCULATION)
REGISTERS (COMPUTERS)

REGISTERS (AIR CIRCULATION)

- RT COOLING SYSTEMS
∞REGISTERS

REGISTERS (COMPUTERS)

- GS PERIPHERAL EQUIPMENT (COMPUTERS)
. COMPUTER STORAGE DEVICES
. . . REGISTERS (COMPUTERS)
- RT CENTRAL PROCESSING UNITS
∞RECORDERS
∞REGISTERS
SHIFT REGISTERS

REGOLITH

- GS ROCKS
. REGOLITH
- RT BASALT
BEDROCK
BRECCIA
CARBONACEOUS ROCKS
COAL
EARTH MANTLE
EARTH RESOURCES
ENSTATITE
GEOLOGY
IGNEOUS ROCKS
LAVA
LITHOLOGY
LUNAR GEOLOGY
LUNAR MANTLE
LUNAR ROCKS
MAGMA
OLIVINE
PERIDOTITE
PYROXENES
ROCK INTRUSIONS
SELENOLOGY
STRATIGRAPHY

REGRESSION (STATISTICS)

- USE REGRESSION ANALYSIS

REGRESSION ANALYSIS

- UF REGRESSION (STATISTICS)
- GS STATISTICAL ANALYSIS
. VARIANCE (STATISTICS)
. . . MULTIVARIATE STATISTICAL
ANALYSIS
. . . REGRESSION ANALYSIS
- RT AUTOREGRESSIVE PROCESSES
CLUMPS
CORRELATION
COVARIANCE
EXPERIMENTAL DESIGN
FACTOR ANALYSIS
FORECASTING
LEAST SQUARES METHOD
QUALITY CONTROL
SIGNIFICANCE
STATISTICAL TESTS
VARIABILITY

REGRESSION COEFFICIENTS

- GS COEFFICIENTS
. REGRESSION COEFFICIENTS
- RT CORRELATION
FORECASTING
MATHEMATICAL MODELS
QUALITY CONTROL

REGULARITY

- RT PHYSIOLOGY
∞PROPERTIES

REGULATION

- USE CONTROL

REGULATIONS

- RT AIR LAW
ALLOWANCES
∞CONTROL
COPYRIGHTS
LAW (JURISPRUDENCE)
LIABILITIES
LICENSING
PATENT POLICY
PENALTIES

REGULATIONS-(CONT.)

- POLICE
POLICIES
PROCUREMENT POLICY
PROHIBITION
RULES

REGULATORS

- SN (EXTRACT ENERGY NEEDED FOR
OPERATION FROM THE VARIABLE,
MATERIAL, OR CONDITION BEING
REGULATED)
- GS REGULATORS
. AUTOMATIC FREQUENCY CONTROL
. CURRENT REGULATORS
. FLOW REGULATORS
. . FUEL FLOW REGULATORS
. FREQUENCY CONTROL
. GIBBERELINS
. OXYGEN REGULATORS
. PRESSURE REGULATORS
. RELIEF VALVES
. SPEED REGULATORS
. THERMOSTATS
. VOLTAGE REGULATORS
- RT ACTUATORS
AUTOMATIC CONTROL
AUTOMATIC CONTROL VALVES
∞CONTROL
CONTROLLERS
CRYOSTATS
SPEED CONTROL

REGULUS MISSILE

- GS MISSILES
. SURFACE TO SURFACE MISSILES
. . REGULUS MISSILE
- RT SOLID PROPELLANT ROCKET ENGINES
TURBOJET ENGINES

REHEATING

- USE HEATING

REIGNITION

- USE IGNITION

REINFORCED MATERIALS

- USE COMPOSITE MATERIALS

REINFORCED PLASTICS

- GS COMPOSITE MATERIALS
. REINFORCED PLASTICS
. . GLASS FIBER REINFORCED PLASTICS
. . . MICARTA
PLASTICS
. REINFORCED PLASTICS
. . . MICARTA
- RT AIRCRAFT SURVIVABILITY
BORON FIBERS
BORON REINFORCED MATERIALS
FIBER COMPOSITES
GRAPHITE-EPOXY COMPOSITES
LAMINATES
POLYMER MATRIX COMPOSITES
REINFORCEMENT (STRUCTURES)
THERMOSETTING RESINS

REINFORCED PLATES

- GS STRUCTURAL MEMBERS
. PLATES (STRUCTURAL MEMBERS)
. . REINFORCED PLATES
- RT ANISOTROPIC PLATES
CORRUGATED PLATES
LAMINATES
REINFORCEMENT (STRUCTURES)

REINFORCED SHELLS

- GS SHELLS (STRUCTURAL FORMS)
. REINFORCED SHELLS
- RT ANISOTROPIC SHELLS
CORRUGATED SHELLS
CYLINDRICAL SHELLS
FLUID FILLED SHELLS
HEMISPHERICAL SHELLS
LIQUID FILLED SHELLS
METAL SHELLS
ORTHOTROPIC SHELLS
REINFORCEMENT (STRUCTURES)
REINFORCEMENT RINGS
SHELL STABILITY
SPHERICAL SHELLS
THIN WALLED SHELLS
TOROIDAL SHELLS
WIND TUNNEL WALLS

∞REINFORCEMENT

- SN (USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)
- RT REINFORCEMENT (PSYCHOLOGY)
REINFORCEMENT (STRUCTURES)

REINFORCEMENT (PSYCHOLOGY)

- GS REINFORCEMENT (PSYCHOLOGY)
. REWARD (PSYCHOLOGY)
- RT LEARNING
MOTIVATION
∞REINFORCEMENT
SELF STIMULATION

REINFORCEMENT (STRUCTURES)

- RT BULKHEADS
COMPOSITE MATERIALS
FILLERS
LONGERONS
REINFORCED PLASTICS
REINFORCED PLATES
REINFORCED SHELLS
∞REINFORCEMENT
REINFORCEMENT RINGS
RIBS (SUPPORTS)
RIGID STRUCTURES
RING STRUCTURES
STIFFENING
STRAKES
STRINGERS
STRUCTURAL MEMBERS
STRUCTURAL STABILITY
STRUCTURAL STRAIN
SUPPORTS
THICK WALLS
WIRE
WIRE CLOTH

REINFORCEMENT RINGS

- GS RING STRUCTURES
. REINFORCEMENT RINGS
- RT REINFORCED SHELLS
REINFORCEMENT (STRUCTURES)
RIBS (SUPPORTS)
∞RINGS

REINFORCING FIBERS

- GS FIBERS
. REINFORCING FIBERS
. . BORON FIBERS
. . . CARBON FIBERS
- RT BORON REINFORCED MATERIALS
CARBON FIBER REINFORCED PLASTICS
CARBON-CARBON COMPOSITES
COMPOSITE MATERIALS
DACRON (TRADEMARK)
FIBER COMPOSITES
FIBER ORIENTATION
GLASS FIBER REINFORCED PLASTICS
GLASS FIBERS
GRAPHITE-EPOXY COMPOSITES
LAY-UP
METAL FIBERS
METAL MATRIX COMPOSITES
REINFORCING MATERIALS
SUPERHYBRID MATERIALS
SYNTHETIC FIBERS
WHISKER COMPOSITES

REINFORCING MATERIALS

- RT COMPOSITE MATERIALS
FABRICS
FIBER REINFORCED COMPOSITES
FIBERS
∞FILAMENTS
MATRIX MATERIALS
REINFORCING FIBERS

REISSNER THEORY

- RT PLATES (STRUCTURAL MEMBERS)
STRESS ANALYSIS
∞THEORIES

REISSNER-NORDSTROM SOLUTION

- RT ASTRONOMICAL MODELS
BLACK HOLES (ASTRONOMY)
CHARGED PARTICLES
GRAVITATIONAL EFFECTS
RELATIVITY

REJECTION

- RT ACCEPTABILITY
ELIMINATION
EVALUATION

RELATIONSHIPS

REJECTION-(CONT.)

EXCLUSION
REMOVAL
SELECTION

RELATIONSHIPS

SN *(USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)*
UF INTERRELATIONSHIPS
RT APPROXIMATION
DUALITY THEOREM
HOMOLOGY
STRESS-STRAIN RELATIONSHIPS

RELATIVE BIOLOGICAL EFFECTIVENESS (RBE)

UF RBE
GS BIOLOGICAL EFFECTS
RELATIVE BIOLOGICAL
EFFECTIVENESS (RBE)
RT PHYSIOLOGICAL EFFECTS

RELATIVISTIC EFFECTS

RT DIMENSIONS
EFFECTS
GRAVITATIONAL LENSES
MASS
RELATIVITY
TIME
VELOCITY

RELATIVISTIC ELECTRON BEAMS

UF REB
GS BEAMS (RADIATION)
PARTICLE BEAMS
ELECTRON BEAMS
RELATIVISTIC ELECTRON BEAMS
PARTICLES
CORPUSCULAR RADIATION
ELECTRON RADIATION
ELECTRON BEAMS
RELATIVISTIC ELECTRON BEAMS
RELATIVISTIC PARTICLES
RELATIVISTIC ELECTRON BEAMS
RT BEAM PLASMA AMPLIFIERS
BETA PARTICLES
CONTROLLED FUSION
ELECTRON BOMBARDMENT
ELECTRON SCATTERING
INERTIAL FUSION (REACTOR)
IONIZING RADIATION
PLASMA HEATING
PLASMA JETS
PLASMA-PARTICLE INTERACTIONS

RELATIVISTIC PARTICLES

GS PARTICLES
RELATIVISTIC PARTICLES
RELATIVISTIC ELECTRON BEAMS
RT HAMILTON-JACOBI EQUATION

RELATIVISTIC PLASMAS

GS GASES
IONIZED GASES
CHARGED PARTICLES
RELATIVISTIC PLASMAS
PARTICLES
CHARGED PARTICLES
ENERGETIC PARTICLES
PLASMAS (PHYSICS)
RELATIVISTIC PLASMAS
RT ASTRON THERMONUCLEAR REACTOR
BREMSSTRAHLUNG
COSMIC PLASMA
ELECTRON PLASMA
GRAVITATIONAL COLLAPSE
HIGH TEMPERATURE PLASMAS
PINCH EFFECT
PLASMA JETS
PLASMA RADIATION
PLASMA-PARTICLE INTERACTIONS
PONDEROMOTIVE FORCES

RELATIVISTIC THEORY

UF WIGHTMAN THEORY
GS RELATIVISTIC THEORY
MANDELSTAM REPRESENTATION

RELATIVISTIC VELOCITY

GS RATES (PER TIME)
RELATIVISTIC VELOCITY
VELOCITY
RELATIVISTIC VELOCITY
RT HIGH SPEED
HYPERVELOCITY

RELATIVISTIC VELOCITY-(CONT.)

LIGHT SPEED
PARTICLE MOTION

RELATIVITY

UF GEOMETRODYNAMICS
SPACE-TIME CONTINUUM
RT BIG BANG COSMOLOGY
CONTINUUMS
DIFFERENTIAL GEOMETRY
FIELD THEORY (PHYSICS)
GRAVITATIONAL LENSES
INERTIAL REFERENCE SYSTEMS
LORENTZ CONTRACTION
NAKED SINGULARITIES
NONRELATIVISTIC MECHANICS
PARADOXES
PONDEROMOTIVE FORCES
QUANTUM MECHANICS
REISSNER-NORDSTROM SOLUTION
RELATIVISTIC EFFECTS
SCHWARZSCHILD METRIC
SPACE-TIME FUNCTIONS
TENSOR ANALYSIS

RELAXATION

SN *(USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)*
RT CROSS RELAXATION
MOLECULAR RELAXATION
REFRACTORY PERIOD
RELAXATION (MECHANICS)
RELAXATION (PHYSIOLOGY)
RELAXATION METHOD (MATHEMATICS)

RELAXATION (MECHANICS)

GS RELAXATION (MECHANICS)
SPIN-LATTICE RELAXATION
STRESS RELAXATION
RT EQUILIBRIUM
EXPANSION
MAGNETIC RELAXATION
MOLECULAR RELAXATION
NUCLEAR RELAXATION
REDUCTION
RELAXATION METHOD (MATHEMATICS)
RELAXATION TIME
RESIDUAL STRESS
VISCOELASTICITY
VISCOPLASTICITY

RELAXATION (PHYSIOLOGY)

RT COMPRESSIBILITY EFFECTS
MASSAGING
RECREATION
RELAXATION
WORK-REST CYCLE

RELAXATION METHOD (MATHEMATICS)

GS ANALYSIS (MATHEMATICS)
NUMERICAL ANALYSIS
APPROXIMATION
RELAXATION METHOD
(MATHEMATICS)
RT COMPUTATIONAL FLUID DYNAMICS
METHODOLOGY
RELAXATION
RELAXATION (MECHANICS)

RELAXATION OSCILLATORS

GS OSCILLATORS
RELAXATION OSCILLATORS
PHANTASTONS

RELAXATION TIME

GS TIME
RELAXATION TIME
RT EQUILIBRIUM
EXCITATION
MAXWELL BODIES
MOLECULAR RELAXATION
SPIN-LATTICE RELAXATION
TIME CONSTANT

RELAY

SN *(USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)*
RT DISCONNECT DEVICES
ELECTRIC CONTACTS
ELECTRIC RELAYS
LOGIC CIRCUITS
RADIO RELAY SYSTEMS
REPEATERS

NASA THESAURUS (VOLUME 1)

RELAY SATELLITES

GS SATELLITES
ARTIFICIAL SATELLITES
COMMUNICATION SATELLITES
RELAY SATELLITES
RELAY 1 SATELLITE
RELAY 2 SATELLITE
EARTH SATELLITES
COMMUNICATION SATELLITES
RELAY SATELLITES
RELAY 1 SATELLITE
RELAY 2 SATELLITE
RT ADVENT PROJECT
THOR DELTA LAUNCH VEHICLE
TRANSOCEANIC COMMUNICATION

RELAY 1 SATELLITE

GS SATELLITES
ARTIFICIAL SATELLITES
COMMUNICATION SATELLITES
RELAY SATELLITES
RELAY 1 SATELLITE
EARTH SATELLITES
COMMUNICATION SATELLITES
RELAY SATELLITES
RELAY 1 SATELLITE

RELAY 2 SATELLITE

GS SATELLITES
ARTIFICIAL SATELLITES
COMMUNICATION SATELLITES
RELAY SATELLITES
RELAY 2 SATELLITE
EARTH SATELLITES
COMMUNICATION SATELLITES
RELAY SATELLITES
RELAY 2 SATELLITE

RELEASING

GS RELEASING
FIBER RELEASE
RT DECOUPLING
DISCHARGE
DISCONNECT DEVICES
DISPERSING
DUMPING
EJECTION
EMISSION
EMPTYING
EXHAUST EMISSION
MATERIALS HANDLING
RELIEVING
SCATTERING
SPILLING
UNLOADING
VENTING

RELIABILITY

GS RELIABILITY
AIRCRAFT RELIABILITY
CIRCUIT RELIABILITY
COMPONENT RELIABILITY
SPACECRAFT RELIABILITY
STRUCTURAL RELIABILITY
RT ACCEPTABILITY
ACCURACY
AIRCRAFT SURVIVABILITY
ALLOWANCES
ASSURANCE
CENSORED DATA (MATHEMATICS)
COMPUTER SYSTEMS PERFORMANCE
CONFIDENCE
CONFIDENCE LIMITS
CONSISTENCY
CUMULATIVE DAMAGE
DESIGN
DESIGN ANALYSIS
DOWNTIME
DURABILITY
DYNAMIC CHARACTERISTICS
ERRORS
ESTIMATES
EXPECTATION
FAILURE ANALYSIS
FORECASTING
MAINTAINABILITY
MAINTENANCE
MAXIMUM LIKELIHOOD ESTIMATES
MECHANICAL PROPERTIES
MISSILE DESIGN
MTBF
NONDESTRUCTIVE TESTS
PERFORMANCE
PERFORMANCE PREDICTION
PRECISION

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RELIABILITY-(CONT.)

PRELAUNCH PROBLEMS
PROBABILITY THEORY
PRODUCT DEVELOPMENT
PRODUCTION MANAGEMENT
PRODUCTIVITY
QUALITY
QUALITY CONTROL
REDUNDANCY
REDUNDANT COMPONENTS
RISK
SAFETY FACTORS
SAMPLING
SPECIFICATIONS
STABILITY
STANDARDS
STATISTICAL ANALYSIS
STATISTICAL DISTRIBUTIONS
STATISTICAL TESTS
∞STATISTICS
SYSTEM EFFECTIVENESS
SYSTEMS COMPATIBILITY
SYSTEMS ENGINEERING
∞TESTS
TOLERANCES (MECHANICS)
VALIDITY
VARIABILITY
VULNERABILITY

RELIABILITY ANALYSIS

RT ∞ANALYZING
DESIGN ANALYSIS
PERFORMANCE PREDICTION

RELIABILITY CONTROL

USE QUALITY CONTROL
RELIABILITY ENGINEERING

RELIABILITY ENGINEERING

UF RELIABILITY CONTROL
RT COMPLEX SYSTEMS
∞ENGINEERING
FAULT TOLERANCE
PERFORMANCE PREDICTION
QUALITY CONTROL
SNEAK CIRCUIT ANALYSIS
SYSTEM EFFECTIVENESS
SYSTEM IDENTIFICATION
SYSTEMS COMPATIBILITY
SYSTEMS ENGINEERING
VALUE ENGINEERING

RELIC RADIATION

RT ASTRONOMY
ASTROPHYSICS
BACKGROUND RADIATION
BIG BANG COSMOLOGY
EXTRATERRESTRIAL RADIATION
UNIVERSE

RELIEF MAPS

GS MAPS
RELIEF MAPS
RT HYPSOGRAPHY
PHOTOGRAMMETRY
PHOTOMAPS
TOPOGRAPHY

RELIEF VALVES

GS REGULATORS
RELIEF VALVES
VALVES
AUTOMATIC CONTROL VALVES
RELIEF VALVES
RT AUTOMATIC CONTROL
BYPASSES
FUEL TANK PRESSURIZATION
FUEL VALVES
GAS VALVES
HYDRAULIC EQUIPMENT
PRESSURE REGULATORS
REACTOR SAFETY
VENTING
VENTS

RELIEVING

GS RELIEVING
STRESS RELIEVING
RT ∞DISCHARGE
EXHAUSTING
PURGING
RELEASING

RELOCATION

RT INSTALLING

RELOCATION-(CONT.)

POSITIONING
REPLACING

RELUCTANCE

UF RELUCTIVITY
GS MAGNETIC PROPERTIES
RELUCTANCE
RT MAGNETIC PERMEABILITY
MAGNETORESISTIVITY

RELUCTIVITY

USE RELUCTANCE

REMAGNETIZATION

USE MAGNETIZATION

REMANENCE

GS MAGNETIC PROPERTIES
REMANENCE
RT FLUX DENSITY
PALEOMAGNETISM

REMELTING

USE MELTING

REMODULATION

RT DEMODULATION
INTERMODULATION
MODULATION

REMOTE CONSOLES

GS PERIPHERAL EQUIPMENT (COMPUTERS)
CONSOLES
REMOTE CONSOLES
RT COMPUTER COMPONENTS
COMPUTER GRAPHICS
DATA LINKS
DATA PROCESSING EQUIPMENT
DATA PROCESSING TERMINALS
DISPLAY DEVICES
PLOTTERS
READOUT

REMOTE CONTROL

UF ELECTROMAGNETIC CONTROL
GS REMOTE CONTROL
RADIO CONTROL
RT AIRCRAFT CONTROL
ANTIRADIATION MISSILES
ATTITUDE CONTROL
AUTOMATIC CONTROL
∞AUTOMATION
CASCADE CONTROL
∞CONTROL
CONTROL BOARDS
CONTROLLERS
DIGITAL COMMAND SYSTEMS
DYNAMIC CHARACTERISTICS
ELECTRIC CONTROL
ELECTRONIC CONTROL
ENGINE CONTROL
FLIGHT CONTROL
GROUND BASED CONTROL
GUIDANCE (MOTION)
HYDRAULIC CONTROL
∞INSTRUMENTS
KALMAN-SCHMIDT FILTERING
MANIPULATORS
MANUAL CONTROL
MISSILE CONTROL
PNEUMATIC CONTROL
REMOTE MANIPULATOR SYSTEM
ROCKET ENGINE CONTROL
SATELLITE CONTROL
SERVOCONTROL
SERVOMECHANISMS
SPACECRAFT CONTROL
TELEOPERATORS
TEMPERATURE CONTROL
TURBOJET ENGINE CONTROL
VISUAL CONTROL

REMOTE HANDLING

UF TELECHIRICS
GS MATERIALS HANDLING
REMOTE HANDLING
RT MANIPULATORS
PAYLOAD DEPLOYMENT & RETRIEVAL
SYSTEM
TELEOPERATORS

REMOTE MANIPULATOR SYSTEM

GS MANIPULATORS

RENAL FUNCTION

REMOTE MANIPULATOR SYSTEM-(CONT.)

REMOTE MANIPULATOR SYSTEM
PAYLOAD DEPLOYMENT & RETRIEVAL
SYSTEM
REMOTE MANIPULATOR SYSTEM
RT MASS DRIVERS (PAYLOAD DELIVERY)
PAYLOAD RETRIEVAL (STS)
REMOTE CONTROL
SPACE MAINTENANCE
SPACE TRANSPORTATION SYSTEM

REMOTE REGIONS

GS REGIONS
REMOTE REGIONS
ANTARCTIC REGIONS
ARCTIC REGIONS
RT DESERTS
MOJAVE DESERT (CA)
OFFSHORE REACTOR SITES
SAHARA DESERT (AFRICA)
WILDERNESS

REMOTE SENSING

GS DETECTION
REMOTE SENSING
RT EARTH RESOURCES
MULTISPECTRAL RESOURCE SAMPLER
PLANT STRESS
RECOGNITION

REMOTE SENSORS

RT AGRISTARS PROJECT
AUTOMATIC WEATHER STATIONS
CROP IDENTIFICATION
CROP INVENTORIES
DATA ACQUISITION
DATA COLLECTION PLATFORMS
∞DETECTORS
EARTH RESOURCES
EROS (SATELLITES)
GEOGRAPHIC APPLICATIONS PROGRAM
HAZE DETECTION
MEASURING INSTRUMENTS
OCEAN COLOR SCANNER
∞PROBES
RADIOMETRIC RESOLUTION
SATELLITE-BORNE INSTRUMENTS
∞SENSORS
TRANSDUCERS
WILDLIFE RADIOLOCATION

REMOTELY PILOTED VEHICLES

UF RPV
RT ∞AIRCRAFT
DRONE AIRCRAFT
JINDIVIK TARGET AIRCRAFT
OBLIQUE WINGS
PILOTLESS AIRCRAFT
TARGET DRONE AIRCRAFT
VATOL AIRCRAFT
∞VEHICLES

REMOVAL

RT ANODIC STRIPPING
CANCELLATION
CARBON DIOXIDE REMOVAL
CLEARING
DELETION
DEPLETION
DISPOSAL
DISSIPATION
EJECTION
EMPTYING
EVACUATING (TRANSPORTATION)
EVACUATING (VACUUM)
EXHAUSTING
EXPULSION
EXTRACTION
MATERIALS RECOVERY
∞REDUCTION
REJECTION
∞SEPARATION
UNLOADING
WEAR

REMS

USE RAPID EYE MOVEMENT STATE

RENAL CALCULI

USE CALCULI

RENAL FUNCTION

RT ∞FUNCTIONS
KIDNEYS

RENDEZVOUS

RENDEZVOUS

GS RENDEZVOUS
 . EARTH ORBITAL RENDEZVOUS
 . SPACE RENDEZVOUS
 . . ORBITAL RENDEZVOUS
 . . . LUNAR ORBITAL RENDEZVOUS
 RT APOLLO SOYUZ TEST PROJECT
 FLIGHT MECHANICS
 INTERCEPTION
 ORBITAL MECHANICS

RENDEZVOUS GUIDANCE

GS GUIDANCE (MOTION)
 . RENDEZVOUS GUIDANCE
 RT COMMAND GUIDANCE
 HOMING DEVICES
 INJECTION GUIDANCE
 MIDCOURSE GUIDANCE
 ORBITAL RENDEZVOUS
 SATELLITE GUIDANCE
 SPACECRAFT GUIDANCE
 TERMINAL GUIDANCE

RENDEZVOUS SPACECRAFT

GS MANEUVERABLE SPACECRAFT
 . RENDEZVOUS SPACECRAFT
 RT COMMAND GUIDANCE
 FERRY SPACECRAFT
 INTERPLANETARY SPACECRAFT
 LUNAR SPACECRAFT
 MANNED SPACECRAFT
 MILITARY SPACECRAFT
 ORBITAL RENDEZVOUS
 RECOVERABLE SPACECRAFT
 SATELLITES
 SPACE CAPSULES
 SPACE STATIONS
 SPACECREW TRANSFER
 UNMANNED SPACECRAFT

RENDEZVOUS TRAJECTORIES

GS TRAJECTORIES
 . RENDEZVOUS TRAJECTORIES
 RT ASCENT TRAJECTORIES
 CIRCUMLUNAR TRAJECTORIES
 EARTH ORBITAL RENDEZVOUS
 EARTH-MOON TRAJECTORIES
 FLIGHT MECHANICS
 INTERPLANETARY TRAJECTORIES
 ORBITAL MECHANICS
 ORBITAL RENDEZVOUS
 SPACE RENDEZVOUS
 SPACECRAFT DOCKING
 SPACECRAFT TRAJECTORIES

RENE PROGRAM

UF ROCKET ENGINE NOZZLE EJECTOR
 PROGRAM
 RT EJECTORS
 EXHAUST NOZZLES
 ROCKET NOZZLES

RENE 41

GS ALLOYS
 . CHROMIUM ALLOYS
 . . RENE 41
 . COBALT ALLOYS
 . . RENE 41
 . HEAT RESISTANT ALLOYS
 . . REFRACTORY METAL ALLOYS
 . . . MOLYBDENUM ALLOYS
 RENE 41
 . NICKEL ALLOYS
 . . RENE 41
 REFRACTORY MATERIALS
 . REFRACTORY METAL ALLOYS
 . . MOLYBDENUM ALLOYS
 . . . RENE 41
 RT WROUGHT ALLOYS

RENE 63

GS ALLOYS
 . CHROMIUM ALLOYS
 . . RENE 63
 . COBALT ALLOYS
 . . RENE 63
 . HEAT RESISTANT ALLOYS
 . . REFRACTORY METAL ALLOYS
 . . . MOLYBDENUM ALLOYS
 RENE 63
 . NICKEL ALLOYS
 . . RENE 63
 REFRACTORY MATERIALS
 . REFRACTORY METAL ALLOYS
 . . MOLYBDENUM ALLOYS

RENE 63-(CONT.)

RT WROUGHT ALLOYS

RENE 77

GS ALLOYS
 . CHROMIUM ALLOYS
 . . RENE 77
 . COBALT ALLOYS
 . . RENE 77
 . HEAT RESISTANT ALLOYS
 . . REFRACTORY METAL ALLOYS
 . . . MOLYBDENUM ALLOYS
 RENE 77
 . NICKEL ALLOYS
 . . RENE 77
 REFRACTORY MATERIALS
 . REFRACTORY METAL ALLOYS
 . . MOLYBDENUM ALLOYS
 . . . RENE 77
 RT WROUGHT ALLOYS

RENE 95

GS ALLOYS
 . CHROMIUM ALLOYS
 . . RENE 95
 . COBALT ALLOYS
 . . RENE 95
 . NICKEL ALLOYS
 . . RENE 95

REORIENTATION

USE RETRAINING

REPAIRING

USE MAINTENANCE

REPEATERS

UF INTERPOLATORS
 GS TRANSMITTERS
 . REPEATERS
 RT AMPLIFIERS
 RADAR RECEIVERS
 RECEIVERS
 ∞ RELAY
 ∞ TRANSLATORS

REPETITION

RT COUNTING
 PATTERN RECOGNITION
 REDUNDANCY ENCODING

REPLACING

RT DAMAGE ASSESSMENT
 INSTALLING
 MAINTENANCE
 RELOCATION
 REPLENISHMENT
 SUBSTITUTES

REPLENISHMENT

RT FILLING
 INPUT
 ∞ LOADING
 REFILLING
 REFUELING
 REPLACING

REPLICAS

RT ELECTRON MICROSCOPES
 METALLOGRAPHY
 MODELS
 REPRODUCTION (COPYING)

REPORT GENERATORS

RT COMPUTER PROGRAMS
 COMPUTER SYSTEMS PROGRAMS
 ∞ GENERATORS
 USER MANUALS (COMPUTER PROGRAMS)

REPORTS

GS REPORTS
 . CONGRESSIONAL REPORTS
 . POSTLAUNCH REPORTS
 . PRESIDENTIAL REPORTS
 . WAGE SURVEYS
 RT AEROSPACE TECHNOLOGY TRANSFER
 ∞ DISCUSSION
 DOCUMENTATION
 DOCUMENTS
 INFORMATION DISSEMINATION
 PAPERS
 PROCEEDINGS

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REPORTS-(CONT.)

RECORDS
 SUMMARIES
 SUPPLEMENTS
 TECHNOLOGY TRANSFER

REPRESENTATIONS

RT CHARACTERIZATION
 DESCRIPTIONS
 DRAWINGS
 GRAPHS (CHARTS)
 IMAGES
 PHOTOGRAPHS
 SIGNATURES

∞ REPRODUCTION

SN (USE OF A MORE SPECIFIC TERM IS
 RECOMMENDED-CONSULT THE TERMS
 LISTED BELOW)
 RT BIRTH
 BREEDING (REPRODUCTION)
 CELL DIVISION
 FERTILIZATION
 MITOSIS
 POLLEN
 RECORDS
 REPRODUCTION (BIOLOGY)
 REPRODUCTIVE SYSTEMS
 SPERMATOZOA
 SPORES

REPRODUCTION (BIOLOGY)

RT BREEDING (REPRODUCTION)
 EMBRYOLOGY
 FERTILITY
 FETUSES
 PROGENY
 ∞ REPRODUCTION

REPRODUCTION (COPYING)

UF DUPLICATING
 GS IMAGERY
 . REPRODUCTION (COPYING)
 . . XEROGRAPHY
 RT BLUEPRINTS
 DOCUMENT STORAGE
 DRAWINGS
 ENGINEERING DRAWINGS
 LITHOGRAPHY
 MICROFILMS
 PHOTOGRAPHIC PROCESSING
 EQUIPMENT
 PHOTOGRAPHY
 PRINTING
 REPLICAS
 STENCIL PROCESSES

REPRODUCTIVE SYSTEMS

GS REPRODUCTIVE SYSTEMS
 . OVARIES
 . TESTES
 . UTERUS
 RT BIRTH
 CHROMOSOMES
 FERTILITY
 FETUSES
 ∞ REPRODUCTION
 ∞ SYSTEMS

REPTILES

GS ANIMALS
 . POIKILOthermia
 . . REPTILES
 . . . LIZARDS
 . . . SNAKES
 . . . TURTLES
 . VERTEBRATES
 . . REPTILES
 . . . LIZARDS
 . . . SNAKES
 . . . TURTLES

REPUBLIC AIRCRAFT

GS REPUBLIC AIRCRAFT
 . A-10 AIRCRAFT
 . F-84 AIRCRAFT
 . F-105 AIRCRAFT
 RT ∞ AIRCRAFT

REPUBLIC MILITARY AIRCRAFT

USE MILITARY AIRCRAFT

REPUBLIC OF CHINA

USE CHINA (TAIWAN)

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RESIDENTIAL ENERGY

REPUBLIC OF KOREA
USE SOUTH KOREA

REPUBLIC OF SOUTH AFRICA
UF SOUTH AFRICA
RT AFRICA
BOTSWANA
KALIHARI BASIN (AFRICA)
LESOTHO
NAMIBIA
NATIONS
SWAZILAND

REPUBLIC OF VIETNAM
USE VIETNAM

REPULSION
USE FORCE

REQUIREMENTS
RT SPECIFICATIONS
USER REQUIREMENTS

RESCUE OPERATIONS
RT AERONAUTICAL SATELLITES
MAROTS (ESA)
∞ OPERATIONS
SARSAT
SPACECRAFT RECOVERY

RESEARCH
GS **RESEARCH**
. DYNAMIC PROGRAMMING
. GAME THEORY
. . SADDLE POINTS (GAME THEORY)
. HIGH TEMPERATURE RESEARCH
. LOW DENSITY RESEARCH
. MARKET RESEARCH
. NUCLEAR RESEARCH
. OPERATIONS RESEARCH
. . MATHEMATICAL PROGRAMMING
. . . LINEAR PROGRAMMING
. . . NONLINEAR PROGRAMMING
. . . QUADRATIC PROGRAMMING
RT CRITICAL PATH METHOD
∞ DESIGN
ETHICS
EXPLORATION
INTERSERVICE DATA EXCHANGE
PROGRAM
INVESTIGATION
MINIMAX TECHNIQUE
∞ RESEARCH PROJECTS

RESEARCH AIRCRAFT
UF ORNITHOPTER AIRCRAFT
GS **RESEARCH AIRCRAFT**
. AVIAN 2/180 AUTOGIRO
. AVRO 707 AIRCRAFT
. B-70 AIRCRAFT
. BREGUET 940 AIRCRAFT
. C-8A AUGMENTOR WING AIRCRAFT
. D-558 AIRCRAFT
. DH 108 AIRCRAFT
. DO-29 AIRCRAFT
. FD 2 AIRCRAFT
. FIREBEE 2 TARGET DRONE AIRCRAFT
. H-17 HELICOPTER
. H-126 AIRCRAFT
. HP-115 AIRCRAFT
. NORD 1500 AIRCRAFT
. P-1052 AIRCRAFT
. QUESTOL
. ROTOR SYSTEMS RESEARCH
AIRCRAFT
. SAAB 401 AIR CUSHION VEHICLE
. SC-1 AIRCRAFT
. U-2 AIRCRAFT
. VZ-2 AIRCRAFT
. VZ-3 AIRCRAFT
. VZ-8 AIRCRAFT
. WA-116 AUTOGIRO
. X-1 AIRCRAFT
. X-2 AIRCRAFT
. X-3 AIRCRAFT
. X-5 AIRCRAFT
. X-13 AIRCRAFT
. X-14 AIRCRAFT
. X-15 AIRCRAFT
. X-19 AIRCRAFT
. X-20 AIRCRAFT
. X-21 AIRCRAFT
. X-21A AIRCRAFT
. X-22 AIRCRAFT
. X-22A AIRCRAFT

RESEARCH AIRCRAFT-(CONT.)
. X-24 AIRCRAFT
. XH-51 HELICOPTER
. XV-4 AIRCRAFT
. XV-5 AIRCRAFT
. XV-8A AIRCRAFT
. XV-9A AIRCRAFT
. XV-11A AIRCRAFT
RT AEROSPACEPLANES
∞ AIRCRAFT
ASTROPLANE
DRONE AIRCRAFT
FAN IN WING AIRCRAFT
FLIGHT TEST VEHICLES
FLYING PLATFORMS
GROUND EFFECT MACHINES
HOVERCRAFT GROUND EFFECT
MACHINES
HYPERSONIC AIRCRAFT
JET AIRCRAFT
METEOROLOGICAL RESEARCH
AIRCRAFT
∞ MILITARY AIRCRAFT
NUCLEAR PROPELLED AIRCRAFT
ROCKET PLANES
SUBMERSIBLE AIRCRAFT
SUPERSONIC AIRCRAFT
TAILLESS AIRCRAFT
TANDEM WING AIRCRAFT
TEST VEHICLES
TILT WING AIRCRAFT
V/STOL AIRCRAFT
VERTICAL TAKEOFF AIRCRAFT
∞ WINGED VEHICLES
YF-12 AIRCRAFT

RESEARCH AND DEVELOPMENT
RT ∞ DESIGN
INVESTIGATION
MANAGEMENT PLANNING
OPERATIONS RESEARCH
OUTER SPACE TREATY
PROGRAMS
PROJECT MANAGEMENT
∞ RESEARCH PROJECTS
SYSTEMS ENGINEERING
TECHNOLOGY UTILIZATION
WEAPONS DEVELOPMENT

RESEARCH FACILITIES
RT ∞ FACILITIES
LABORATORIES
∞ RESEARCH PROJECTS
SPACE INDUSTRIALIZATION
SPACE LABORATORIES
TEST FACILITIES

RESEARCH MANAGEMENT
GS MANAGEMENT
RT **RESEARCH MANAGEMENT**
ALLOCATIONS
BLOCK DIAGRAMS
∞ BUDGETS
ENGINEERING MANAGEMENT
FEASIBILITY ANALYSIS
GOALS
INDUSTRIAL MANAGEMENT
MANPOWER
OPERATIONS RESEARCH
PERSONNEL
PRIORITIES

∞ **RESEARCH PROJECTS**
SN (USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)
RT CHINESE SPACE PROGRAMS
EARTH & OCEAN PHYSICS
APPLICATIONS PROGRAM
FRENCH SPACE PROGRAMS
INDIAN SPACE PROGRAM
JAPANESE SPACE PROGRAM
MANAGEMENT
NASA PROGRAMS
PROGRAMS
PROJECT MANAGEMENT
PROJECTS
RESEARCH
RESEARCH AND DEVELOPMENT
RESEARCH FACILITIES
SPACE PROGRAMS
SPHINX

RESEARCH VEHICLES
SN (VEHICLES DESIGNED TO BE SUBJECTS
OF RESEARCH - NOT RESEARCH
EQUIPMENT CONTAINERS)
GS **RESEARCH VEHICLES**
. AUTOMATED MIXED TRAFFIC
VEHICLES
. UNDERWATER RESEARCH
LABORATORIES
RT BOATS
ELECTRIC MOTOR VEHICLES
∞ FLIGHT VEHICLES
LUNAR ROVING VEHICLES
∞ MILITARY VEHICLES
ROVING VEHICLES
SPACE LABORATORIES
∞ SPACECRAFT
SURFACE EFFECT SHIPS
UNDERWATER VEHICLES
∞ VEHICLES
WATER VEHICLES

RESERPINE
GS DRUGS
. PENTOBARBITAL SODIUM
. . **RESERPINE**
HETEROCYCLIC COMPOUNDS
. ALKALOIDS
. . **RESERPINE**
NITROGEN COMPOUNDS
. ALKALOIDS
. . **RESERPINE**
RT ANTIHYPERTENSIVE AGENTS

RESERVES
RT ABUNDANCE
AVAILABILITY
BACKUPS
CONTINGENCY
CRUDE OIL
ECONOMIC FACTORS
ENERGY POLICY
ESTIMATES
ESTIMATING
EVALUATION
EXPLOITATION
EXPLORATION
FORECASTING
INVENTORIES
INVENTORY CONTROLS
∞ MATERIALS
MINERAL DEPOSITS
MINES (EXCAVATIONS)
∞ PRODUCTION
RESOURCES
STOCKPILING
∞ STORAGE

RESERVOIRS
SN (FOR SURFACE WATER STORAGE--NOT
OIL OR GAS POOLS)
RT BASINS (CONTAINERS)
DAMS
EVAPORATION
FRESH WATER
LAGOONS
LAKE TEXOMA (OK-TX)
LAKES
PONDS
RIVERS
SOLAR PONDS (HEAT STORAGE)
STREAMS
WATER RESOURCES
WINDPOWERED PUMPS

RESIDENTIAL AREAS
RT CITIES
INHABITANTS
LAND
LAND USE
MEGALOPOLISES
REGIONAL PLANNING
RURAL AREAS
SUBURBAN AREAS
URBAN DEVELOPMENT

RESIDENTIAL ENERGY
RT ENERGY CONSERVATION
ENERGY TECHNOLOGY
HEAT PUMPS
SOLAR COOLING
SOLAR HEATING
SOLAR HOUSES
SPACE COOLING (BUILDINGS)
SPACE HEATING (BUILDINGS)

RESIDUAL GAS

RESIDENTIAL ENERGY-(CONT.) WATER HEATING

RESIDUAL GAS

GS GASES
RT . RESIDUAL GAS
GETTERS
HIGH VACUUM
OUTGASSING
PARTIAL PRESSURE
ULTRAHIGH VACUUM
VACUUM APPARATUS
VACUUM TUBES

RESIDUAL STRESS

UF INTERNAL STRESS
GS STRESSES
RT . RESIDUAL STRESS
CREEP PROPERTIES
MACHINING
RELAXATION (MECHANICS)
STRAIN HARDENING
STRESS RELAXATION
STRESS RELIEVING
STRESS-STRAIN RELATIONSHIPS
TEMPERATURE INVERSIONS

RESIDUES

RT ASHES
ORGANIC WASTES (FUEL CONVERSION)
REACTION PRODUCTS
SOLID WASTES
WASTE TREATMENT
WASTE WATER
WASTES

RESILIENCE

GS MECHANICAL PROPERTIES
RT . RESILIENCE
COMPRESSIVE STRENGTH
ELASTIC PROPERTIES
SHEAR PROPERTIES
SPRINGS (ELASTIC)
TENSILE STRENGTH

RESIN BONDING

GS BONDING
RT . RESIN BONDING
ADHESIVE BONDING
METAL BONDING
METAL-METAL BONDING

RESIN MATRIX COMPOSITES

GS COMPOSITE MATERIALS
RT . RESIN MATRIX COMPOSITES
EPOXY RESINS
METAL MATRIX COMPOSITES
POLYIMIDE RESINS
POLYMER MATRIX COMPOSITES
PREPREGS
PULTRUSION
RESINS

RESINS

GS RESINS
. ACRYLIC RESINS
. ALKYD RESINS
. ION EXCHANGE RESINS
. POLYIMIDE RESINS
. POLYURETHANE RESINS
. SILICONE RESINS
. SYNTHETIC RESINS
. ADDITION RESINS
. VINYL COPOLYMERS
. POLYESTER RESINS
. POLYETHER RESINS
. POLYMETHYL METHACRYLATE
. THERMOPLASTIC RESINS
. QUINOXALINES
. THERMOPLASTIC FILMS
. THERMOSETTING RESINS
. EPOXY RESINS
. FURAN RESINS
. POLYAMIDE RESINS
. KEVLAR (TRADEMARK)
. PHENOLIC RESINS
. MICARTA
. PHENOLIC EPOXY RESINS
RT ACRYLATES
BAKELITE (TRADEMARK)
DELFIN (TRADEMARK)
FILLERS
LEXAN (TRADEMARK)
MELAMINE
PARAPLASTS

RESINS-(CONT.)

∞ PATTERNS
PHENOL FORMALDEHYDE
PHLOROGLUCINOL
PLASTISOLS
RESIN MATRIX COMPOSITES
TEFLON (TRADEMARK)

∞ RESISTANCE

SN *(USE OF A MORE SPECIFIC TERM IS
RECOMMENDED-CONSULT THE TERMS
LISTED BELOW)*
UF CONDUCTANCE
RESISTANCE COEFFICIENTS
RT ABRASION RESISTANCE
ACCELERATION TOLERANCE
ACOUSTIC PROPERTIES
AERODYNAMIC DRAG
CHEMICAL PROPERTIES
CONSTRICTIONS
CONTACT RESISTANCE
CORROSION RESISTANCE
CRACK PROPAGATION
CREEP STRENGTH
DAMPING
DIFFUSIVITY
DURABILITY
EARTHQUAKE RESISTANCE
ELECTRICAL PROPERTIES
ELECTRICAL RESISTANCE
ELECTRICAL RESISTIVITY
FLAMMABILITY
FLOW RESISTANCE
FRACTURE STRENGTH
FUSIBILITY
∞ HIGH RESISTANCE
IMMUNITY
IMPACT STRENGTH
IMPEDANCE
KAPITZA RESISTANCE
LIFE (DURABILITY)
MAGNETORESISTIVITY
OXIDATION RESISTANCE
PERMEABILITY
PREVENTION
PROTECTION
QUALITY
RADIATION TOLERANCE
RETARDING
SENSITIVITY
SHOCK RESISTANCE
SKIN RESISTANCE
STABILITY
THERMAL RESISTANCE
TOLERANCES (PHYSIOLOGY)
VULNERABILITY
WAVE RESISTANCE

RESISTANCE COEFFICIENTS

USE RESISTANCE

RESISTANCE HEATING

UF JOULE HEATING
GS HEATING
RT . RESISTANCE HEATING
ARC HEATING
ELECTROSLAG REFINING
GAS HEATING

RESISTANCE THERMOMETERS

GS MEASURING INSTRUMENTS
TEMPERATURE MEASURING
INSTRUMENTS
. THERMOMETERS
. RESISTANCE THERMOMETERS
RT BOLOMETERS
OHMMETERS
TEMPERATURE MEASUREMENT
THERMOCOUPLE PYROMETERS

RESISTIVITY

USE ELECTRICAL RESISTIVITY

RESISTOJET ENGINES

UF RESISTOJETS
GS ENGINES
. ROCKET ENGINES
. ELECTRIC ROCKET ENGINES
. ELECTROTHERMAL ENGINES
. RESISTOJET ENGINES
RT ARC JET ENGINES
PLASMA ENGINES
PULSED JET ENGINES

NASA THESAURUS (VOLUME 1)

RESISTOJETS

USE RESISTOJET ENGINES

RESISTORS

UF TUNNEL RESISTORS
GS ATTENUATORS
. RESISTORS
. POTENTIOMETERS (RESISTORS)
. PRINTED RESISTORS
. THERMISTORS
RT BALLASTS (IMPEDANCES)
ELECTRIC CONDUCTORS
ELECTRIC FILTERS
ELECTRIC REACTORS
∞ FILAMENTS
PHOTOCONDUCTORS
SEMICONDUCTORS (MATERIALS)
SOLID STATE DEVICES
VARISTORS

RESOLUTION

UF RESOLVING POWER
GS RESOLUTION
. ANGULAR RESOLUTION
. HIGH RESOLUTION
. IMAGE RESOLUTION
. RADAR RESOLUTION
. RADIOMETRIC RESOLUTION
. SPATIAL RESOLUTION
. SPECTRAL RESOLUTION
RT ACCURACY
BLURRING
CHARACTER RECOGNITION
CONTRAST
∞ DEFINITION
DYNAMIC CHARACTERISTICS
ERRORS
FOCI
IMAGE CONTRAST
IMAGE ENHANCEMENT
LEGIBILITY
LOCI
∞ OPTICS
PERCEPTION
∞ POWER
PRECISION
SENSITIVITY
SPATIAL FILTERING
STARK EFFECT
∞ THRESHOLDS
TOLERANCES (MECHANICS)
VISIBILITY
VISION

RESOLUTION CELL

RT ∞ CELLS

RESOLVERS

RT ANALOG COMPUTERS
INSTRUMENT TRANSFORMERS
TRANSFORMERS

RESOLVING POWER

USE RESOLUTION

RESONANCE

GS RESONANCE
. BARYON RESONANCES
. CYCLOTRON RESONANCE
. MAGNETIC RESONANCE
. FERROMAGNETIC RESONANCE
. NUCLEAR MAGNETIC RESONANCE
. PROTON MAGNETIC RESONANCE
. PROTON RESONANCE
. PARAMAGNETIC RESONANCE
. ELECTRON PARAMAGNETIC
RESONANCE
. MAGNETOSONIC RESONANCE
. MESON RESONANCES
. X MESONS
. MICROWAVE RESONANCE
. NUCLEAR QUADRUPOLE RESONANCE
. OPTICAL RESONANCE
. PLASMA RESONANCE
. RESONANT VIBRATION
. SPIN RESONANCE
RT FOSTER THEORY
OSCILLATIONS
OVERHAUSER EFFECT
RESONANT FREQUENCIES
SYNTONY
TUNING
VIBRATION

NASA THESAURUS (VOLUME 1)

RESPIRATORY REFLEXES

RESONANCE CHARGE EXCHANGE

GS EXCHANGING
 . CHARGE EXCHANGE
 . . **RESONANCE CHARGE EXCHANGE**
 RT SPIN EXCHANGE

RESONANCE FLUORESCENCE

UF RESONANCE RADIATION
 GS DECAY
 . EMISSION
 . . LIGHT EMISSION
 . . . LUMINESCENCE
 FLUORESCENCE
 **RESONANCE FLUORESCENCE**
 RT ATOMIC EXCITATIONS
 ATOMIC PHYSICS
 QUANTUM ELECTRODYNAMICS

RESONANCE LINES

UF DIELECTRONIC SATELLITE LINES
 RT LINE SPECTRA
 OPTICAL RESONANCE
 PLASMA RESONANCE

RESONANCE PROBES

GS MEASURING INSTRUMENTS
 . **RESONANCE PROBES**
 . . CYCLOTRON RESONANCE DEVICES
 RT IMPEDANCE PROBES
 MAGNETIC PROBES
 MICROWAVE PLASMA PROBES
 PLASMA DIAGNOSTICS
 PLASMA RESONANCE
 TUNERS

RESONANCE RADIATION

USE RESONANCE FLUORESCENCE

RESONANCE SCATTERING

SN (INTERACTION WITH THE INTERIOR OF
 THE NUCLEUS--EXCLUDES POTENTIAL
 SCATTERING)
 GS NUCLEAR REACTIONS
 . NUCLEAR SCATTERING
 . . **RESONANCE SCATTERING**
 SCATTERING
 . NUCLEAR SCATTERING
 . . **RESONANCE SCATTERING**
 RT INVERSE SCATTERING
 MOSSBAUER EFFECT
 NEUTRON SCATTERING

RESONANCE TESTING

RT DAMPING TESTS
 ELASTIC DAMPING
 ELECTRONIC EQUIPMENT TESTS
 FATIGUE TESTS
 RESONANT FREQUENCIES
 STABILITY TESTS
 STATIC TESTS
 STRUCTURAL STABILITY
 ∞ TESTS
 VIBRATION TESTS
 VISCOUS DAMPING

RESONANT CAVITIES

USE CAVITY RESONATORS

RESONANT FREQUENCIES

UF NATURAL FREQUENCIES
 GS FREQUENCIES
 . **RESONANT FREQUENCIES**
 RT ANTINODES
 BANDWIDTH
 BEAT FREQUENCIES
 BORDONI PEAKS
 CAVITY RESONATORS
 CRITICAL FREQUENCIES
 CRITICAL VELOCITY
 DAMPING
 DYNAMIC CHARACTERISTICS
 ∞ DYNAMICS
 ELECTROMAGNETIC ABSORPTION
 HARMONICS
 IMPEDANCE
 MOSSBAUER EFFECT
 NODES (STANDING WAVES)
 OSCILLATORS
 RESONANCE
 RESONANCE TESTING
 RESONATORS
 STANDING WAVES
 TRANSIENT RESPONSE
 TUNERS
 TUNING

RESONANT VIBRATION

UF MECHANICAL RESONANCE
 GS RESONANCE
 . **RESONANT VIBRATION**
 VIBRATION
 . **RESONANT VIBRATION**
 RT DAMPING
 DYNAMIC STABILITY
 ∞ DYNAMICS
 FLAPPING
 FLUTTER
 MECHANICAL OSCILLATORS
 OSCILLATIONS
 Q FACTORS
 STABLE OSCILLATIONS
 STRUCTURAL VIBRATION
 UNDAMPED OSCILLATIONS

RESONATORS

GS **RESONATORS**
 . CAVITY RESONATORS
 . HELMHOLTZ RESONATORS
 . MULTIMODE RESONATORS
 . OPTICAL RESONATORS
 RT DELTA ANTENNAS
 ELECTRON TUBES
 FREQUENCY STANDARDS
 MAGNETRONS
 MASERS
 OSCILLATORS
 RESONANT FREQUENCIES
 SELF EXCITATION
 TUNING
 TUNING FORK GYROSCOPES

RESOURCE ALLOCATION

GS ALLOCATIONS
 . **RESOURCE ALLOCATION**
 RT DISTRIBUTING
 ENERGY CONSERVATION
 ENERGY POLICY
 ENGINEERING MANAGEMENT
 LOGISTICS
 NASA INTERACTIVE PLANNING SYSTEM
 OUTER SPACE TREATY
 PRIORITIES
 PRODUCTS
 RESOURCES

RESOURCES

GS **RESOURCES**
 . AQUIFERS
 . EARTH RESOURCES
 . . FORESTS
 . . . RAIN FORESTS
 . . FOSIL FUELS
 . . . COAL
 . . . LIGNITE
 . . . SOLVENT REFINED COAL
 . . CRUDE OIL
 . . GLACIERS
 . . ICEBERGS
 . . LAND ICE
 . . MARINE RESOURCES
 . . OIL FIELDS
 . . RANGE RESOURCES
 . . SPRINGS (WATER)
 . . TAR SANDS
 . . THERMAL RESOURCES
 . . GEOTHERMAL RESOURCES
 . . . GEYSERS
 . . UNDERWATER RESOURCES
 . . WATER RESOURCES
 . . EXTRATERRESTRIAL RESOURCES
 RT ABUNDANCE
 AVAILABILITY
 CONSULTING
 DEPLETION
 ECONOMIC DEVELOPMENT
 ECONOMIC FACTORS
 ECONOMIC IMPACT
 ECONOMICS
 ENERGY CONSERVATION
 ENERGY POLICY
 ENGINEERING MANAGEMENT
 GEOTHERMAL TECHNOLOGY
 GREAT LAKES (NORTH AMERICA)
 INVENTORY MANAGEMENT
 LOGISTICS
 LOGISTICS MANAGEMENT
 MAN ENVIRONMENT INTERACTIONS
 MANPOWER
 ∞ MATERIALS
 MISSISSIPPI RIVER (US)
 PERSONNEL

RESOURCES-(CONT.)

PERSONNEL DEVELOPMENT
 PRODUCTION MANAGEMENT
 RECYCLING
 RESERVES
 RESOURCE ALLOCATION
 SITE SELECTION
 URBAN DEVELOPMENT
 VEGETATION

RESOURCES MANAGEMENT

GS MANAGEMENT
 . **RESOURCES MANAGEMENT**
 . . FOREST MANAGEMENT
 . . LAND MANAGEMENT
 . . WATER MANAGEMENT
 RT EARTH RESOURCES
 ENVIRONMENT MANAGEMENT
 ENVIRONMENTAL CONTROL
 LEASING
 NASA INTERACTIVE PLANNING SYSTEM
 THERMAL RESOURCES
 WATER RUNOFF

RESPIRATION

UF APNEA
 INHALATION
 GS **RESPIRATION**
 . HIGH ALTITUDE BREATHING
 . LIQUID BREATHING
 . PRESSURE BREATHING
 RT ALVEOLI
 ASPHYXIA
 ∞ BREATHING
 EXPIRATION
 EXPIRED AIR
 HYDROGEN METABOLISM
 METABOLISM
 OXYGEN METABOLISM
 PHOTOSYNTHESIS
 RESPIRATORS
 RESPIRATORY SYSTEM
 RESUSCITATION
 SINUSES
 VALSALVA EXERCISE

RESPIRATORS

GS MEDICAL EQUIPMENT
 . **RESPIRATORS**
 RT BREATHING APPARATUS
 EMERGENCY BREATHING TECHNIQUES
 RESPIRATION
 RESUSCITATION
 THERAPY

RESPIRATORY DISEASES

GS DISEASES
 . **RESPIRATORY DISEASES**
 . . AEROSINUSITIS
 . . ASTHMA
 . . EMPHYSEMA
 . . INFLUENZA
 . . PNEUMONIA
 . . TUBERCULOSIS
 RT BERYLLIUM POISONING
 CONGESTION
 LUNG MORPHOLOGY
 PULMONARY LESIONS

RESPIRATORY IMPEDANCE

GS IMPEDANCE
 . **RESPIRATORY IMPEDANCE**

RESPIRATORY PHYSIOLOGY

GS PHYSIOLOGY
 . **RESPIRATORY PHYSIOLOGY**
 RT EXERCISE PHYSIOLOGY

RESPIRATORY RATE

GS RATES (PER TIME)
 . **RESPIRATORY RATE**
 . . DYSPNEA
 . . HYPOVENTILATION
 . . TACHYPNEA
 RT HYPERCAPNIA
 HYPERPNEA
 SPIROMETERS

RESPIRATORY REFLEXES

GS REFLEXES
 . **RESPIRATORY REFLEXES**
 . . COUGH
 . . HERING-BREVER REFLEX
 . . SNEEZING
 RT ∞ BREATHING

RESPIRATORY SYSTEM

RESPIRATORY SYSTEM

GS ANATOMY
 . **RESPIRATORY SYSTEM**
 . . BRONCHI
 . . BRONCHIAL TUBE
 . . . PHARYNX
 . . . TRACHEA
 . . DIAPHRAGM (ANATOMY)
 . . LUNGS
 . . NOSE (ANATOMY)
 RT ALVEOLI
 EVAPORATION
 HOMEOSTASIS
 HYPERCAPNIA
 PULMONARY CIRCULATION
 RESPIRATION

RESPIROMETERS

GS MEASURING INSTRUMENTS
 . **RESPIROMETERS**
 RT BIOINSTRUMENTATION
 EXHALATION

RESPONDERS

USE TRANSPONDERS

RESPONSE BIAS

GS BIAS
 . **RESPONSE BIAS**
 RT DYNAMIC RESPONSE
 ERRORS
 ∞ TIME RESPONSE
 TRANSIENT RESPONSE

RESPONSE TIME (COMPUTERS)

GS TIME
 . **RESPONSE TIME (COMPUTERS)**
 RT COMPUTER PROGRAMMING
 COMPUTER SYSTEMS PERFORMANCE
 DATA PROCESSING

RESPONSES

GS **RESPONSES**
 . DYNAMIC RESPONSE
 . . TRANSIENT RESPONSE
 . GALVANIC SKIN RESPONSE
 . MODAL RESPONSE
 . PHYSIOLOGICAL RESPONSES
 . . HEMODYNAMIC RESPONSES
 RT CHRONAXY
 ∞ FREQUENCY RESPONSE
 LEARNING
 REFRACTORY PERIOD
 ∞ THRESHOLDS
 TIME LAG
 ∞ TIME RESPONSE

REST

GS **REST**
 . BED REST
 RT PRONE POSITION
 RECREATION
 SITTING POSITION
 SLEEP
 SUPINE POSITION

RESTARTABLE ROCKET ENGINES

GS ENGINES
 . ROCKET ENGINES
 . . **RESTARTABLE ROCKET ENGINES**
 RT DUCTED ROCKET ENGINES
 ELECTRIC ROCKET ENGINES
 ELECTROSTATIC ENGINES
 ELECTROTHERMAL ENGINES
 HYBRID PROPELLANT ROCKET ENGINES
 ION ENGINES
 LIQUID PROPELLANT ROCKET ENGINES
 NUCLEAR ROCKET ENGINES
 RETROCKET ENGINES
 SOLID PROPELLANT ROCKET ENGINES
 SUSTAINER ROCKET ENGINES
 TURBOROCKET ENGINES
 VERNIER ENGINES

RESTORATION

RT ADDITION
 RECONSTRUCTION

RESTRAINTS

USE CONSTRAINTS

RESTRICTIONS

USE CONSTRICTIONS

RESULTANTS

RT VECTOR ANALYSIS

RESUSCITATION

UF ARTIFICIAL RESPIRATION
 RT EMERGENCY BREATHING TECHNIQUES
 FIRST AID
 LIQUID BREATHING
 RESPIRATION
 RESPIRATORS

RETAINING

RT ASTEROID CAPTURE
 CONSTRAINTS
 CONTAINMENT
 ∞ HOLDING
 ∞ JOINING
 LOCKING
 ∞ RETENTION
 SEALING
 ∞ STORAGE

RETARDANTS

GS **RETARDANTS**
 . FLAME RETARDANTS
 RT ACCELERATING AGENTS
 ADDITIVES
 ANTIAGING ADDITIVES
 ANTIKNOCK ADDITIVES
 ANTIOXIDANTS
 CATALYSTS
 EXPLOSION SUPPRESSION
 INHIBITORS
 NEUTRALIZERS
 PENETRANTS
 PRESERVATIVES
 ∞ RETARDERS
 RETARDING
 STABILIZERS (AGENTS)
 SUPPRESSORS
 SURFACTANTS
 WEAR INHIBITORS

∞ RETARDERS

SN *(USE OF A MORE SPECIFIC TERM IS
 RECOMMENDED--CONSULT THE TERMS
 LISTED BELOW)*
 RT RETARDANTS
 RETARDERS (DEVICES)

RETARDERS (DEVICES)

RT BLOCKING
 BRAKES (FOR ARRESTING MOTION)
 BRAKING
 CONSTRICTIONS
 ∞ RETARDERS
 RETARDING

RETARDING

UF SUPPRESSION
 RT ATTENUATION
 BLOCKING
 BRAKING
 DAMPING
 DECELERATION
 FOULING
 HYSTERESIS
 PREVENTION
 ∞ REDUCTION
 ∞ RESISTANCE
 RETARDANTS
 RETARDERS (DEVICES)
 STOPPING

RETARDING ION MASS SPECTROMETERS

USE MASS SPECTROMETERS

∞ RETENTION

SN *(USE OF A MORE SPECIFIC TERM IS
 RECOMMENDED--CONSULT THE TERMS
 LISTED BELOW)*
 RT RETAINING
 RETENTION (PSYCHOLOGY)

RETENTION (PSYCHOLOGY)

RT LEARNING
 MEMORY
 ∞ RETENTION

RETICLES

GS **RETICLES**
 . WIRE GRID LENSES
 RT CONTACT LENSES
 EYEPIECES

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RETICLES-(CONT.)

∞ GRIDS
 LENSES
 OPTICAL EQUIPMENT
 SCALE (RATIO)

RETICULOCYTES

GS ANATOMY
 . CARDIOVASCULAR SYSTEM
 . . ERYTHROCYTES
 . . . **RETICULOCYTES**
 BODY FLUIDS
 . BLOOD
 . . ERYTHROCYTES
 . . . **RETICULOCYTES**
 CELLS (BIOLOGY)
 . ERYTHROCYTES
 . . **RETICULOCYTES**
 RT HEMATOLOGY
 HEMOGLOBIN
 HEMOLYSIS
 HEMORRHAGES

RETINA

GS ANATOMY
 . SENSE ORGANS
 . . EYE (ANATOMY)
 . . . **RETINA**
 FOVEA
 RT ELECTRORETINOGRAPHY
 PHOSPHENE
 PHOTORECEPTORS
 VISION
 VISUAL FIELDS

RETINAL ADAPTATION

GS ADAPTATION
 . **RETINAL ADAPTATION**
 . . DARK ADAPTATION
 . . LIGHT ADAPTATION
 RT PERCEPTION
 VISIBILITY
 VISION

RETINAL IMAGES

GS IMAGES
 . **RETINAL IMAGES**
 RT VISION
 VISUAL FIELDS

RETINENE

UF VITAMIN A
 GS HETEROCYCLIC COMPOUNDS
 . **RETINENE**
 VITAMINS
 . **RETINENE**
 RT ALDEHYDES
 CAROTENE

RETIREMENT

RT EMPLOYEE RELATIONS
 INDUSTRIES
 PERSONNEL
 SOCIOLOGY

RETIREMENT FOR CAUSE

RT COMPONENT RELIABILITY
 ENGINE PARTS
 FATIGUE LIFE
 FRACTURE STRENGTH
 INVENTORY MANAGEMENT
 LIFE (DURABILITY)
 METAL FATIGUE
 SERVICE LIFE
 SPARE PARTS

RETORC (TORPEDOES)

USE TORPEDOES

RETORT PROCESSING

RT FRACTIONATION
 HYDROCARBON FUELS
 OILS
 ∞ PROCESSING
 SHALE OIL

RETRACTABLE EQUIPMENT

UF RETRACTABLE LANDING GEAR
 RT AERODYNAMIC BRAKES
 LANDING GEAR
 REFUELING

RETRACTABLE LANDING GEAR
 USE LANDING GEAR
 RETRACTABLE EQUIPMENT

RETRAINING
 UF REORIENTATION
 RT ADAPTATION
 EDUCATION
 MANAGEMENT METHODS
 MANPOWER
 PERSONNEL
 TASKS
 TRAINING ANALYSIS

RETRIEVAL
 GS RETRIEVAL
 . DATA RETRIEVAL
 . INFORMATION RETRIEVAL
 . PAYLOAD RETRIEVAL (STS)
 RT ∞ RECOVERY
 SEARCHING

RETROACTION
 USE RETROTHRUST

RETROFIRING
 GS FIRING (IGNITING)
 . ROCKET FIRING
 . . RETROFIRING
 RT DECELERATION
 RETROCKET ENGINES
 RETROTHRUST

RETROFITTING
 GS RETROFITTING
 . ACOUSTIC RETROFITTING
 RT INSTALLING

RETROREFLECTION
 GS REFLECTION
 . RETROREFLECTION
 RT ANTENNA ARRAYS
 INCIDENT RADIATION
 LAGEOS (SATELLITE)
 LUNAR RETROREFLECTORS
 REFLECTED WAVES
 RETROREFLECTORS

RETROREFLECTORS
 GS RADAR EQUIPMENT
 . RETROREFLECTORS
 REFLECTORS
 . RETROREFLECTORS
 RT RADAR CORNER REFLECTORS
 RETROREFLECTION

RETROCKET ENGINES
 GS ENGINES
 . ROCKET ENGINES
 . . RETROCKET ENGINES
 . . . BE-3 ENGINE
 . . . TE-385 ENGINE
 RT CONTROL ROCKETS
 INTERNAL COMBUSTION ENGINES
 LIQUID PROPELLANT ROCKET ENGINES
 MAN OPERATED PROPULSION SYSTEMS
 RESTARTABLE ROCKET ENGINES
 RETROFIRING
 RETROTHRUST
 SOLID PROPELLANT ROCKET ENGINES

RETROTHRUST
 UF RETROACTION
 GS THRUST
 . ROCKET THRUST
 . . RETROTHRUST
 RT DECELERATION
 RETROFIRING
 RETROCKET ENGINES

RETURN BEAM VIDICONS
 GS ELECTRON TUBES
 . CAMERA TUBES
 . . VIDICONS
 . . . RETURN BEAM VIDICONS
 THERMICON
 RT TELEVISION CAMERAS

RETURN TO EARTH SPACE FLIGHT
 GS SPACE FLIGHT
 . RETURN TO EARTH SPACE FLIGHT
 RT INTERPLANETARY FLIGHT
 SPACECRAFT REENTRY

REUSABLE HEAT SHIELDING
 GS SHIELDING
 . HEAT SHIELDING
 . . REUSABLE HEAT SHIELDING
 RT COOLING
 HEAT TRANSFER
 REENTRY SHIELDING
 SPACECRAFT SHIELDING
 TEMPERATURE CONTROL
 THERMAL CONTROL COATINGS
 THERMAL PROTECTION

REUSABLE LAUNCH VEHICLES
 GS LAUNCH VEHICLES
 . REUSABLE LAUNCH VEHICLES
 . . SINGLE STAGE TO ORBIT VEHICLES
 RT AEROMANEUVERING ORBIT TO ORBIT
 SHUTTLE
 RECOVERABLE LAUNCH VEHICLES
 ROCKET ENGINES
 SPACECRAFT LAUNCHING
 SPACECRAFT RECOVERY

REUSABLE ROCKET ENGINES
 GS ENGINES
 . ROCKET ENGINES
 . . REUSABLE ROCKET ENGINES

REUSABLE SPACECRAFT
 GS REENTRY VEHICLES
 . RECOVERABLE SPACECRAFT
 . . REUSABLE SPACECRAFT
 . . . AEROSPACEPLANES
 ASTROPLANE
 MARS (MANNED REUSABLE
 SPACECRAFT)
 RT EXPENDABLE STAGES (SPACECRAFT)
 FERRY SPACECRAFT
 INERTIAL UPPER STAGE
 INTERIM STAGES (SPACECRAFT)
 INTERPLANETARY SPACECRAFT
 LANDING MODULES
 LUNAR LANDING MODULES
 MANNED SPACECRAFT
 SOFT LANDING SPACECRAFT
 SPACE SHUTTLE BOOSTERS
 SPACE SHUTTLE ORBITER 101
 SPACE SHUTTLE ORBITER 102
 SPACE SHUTTLE ORBITERS
 UNMANNED SPACECRAFT

REUSE
 GS UTILIZATION
 . REUSE
 RT OIL RECOVERY
 ∞ RECOVERY

REVENUE
 RT ALLOCATIONS
 ASSESSMENTS
 BUDGETING
 COSTS
 INTERNATIONAL TRADE

REVERBERATION
 GS ACOUSTIC PROPERTIES
 . ACOUSTIC SCATTERING
 . . REVERBERATION
 SCATTERING
 . WAVE SCATTERING
 . . ACOUSTIC SCATTERING
 . . . REVERBERATION
 RT ECHOES
 NOISE (SOUND)
 SOUND WAVES

REVERSE FIELD PINCH
 GS PINCH EFFECT
 . REVERSE FIELD PINCH
 RT MAGNETOHYDRODYNAMIC FLOW
 PLASMA CONTROL
 REACTOR TECHNOLOGY
 SCREW PINCH
 TOROIDAL PLASMAS

REVERSE OSMOSIS
 GS OSMOSIS
 . REVERSE OSMOSIS
 RT DEMINERALIZING
 DESALINIZATION
 MEMBRANES
 PERMEATING

REVERSE TIME
 USE REACTION TIME

REVERSED FLOW
 GS FLUID FLOW
 . REVERSED FLOW
 RT BOUNDARY LAYER SEPARATION
 RECIRCULATIVE FLUID FLOW
 REVERSING
 SEPARATED FLOW

REVERSING
 RT ∞ DIRECTION
 REVERSED FLOW

REVIEWING
 RT ∞ DISCUSSION
 EVALUATION
 EXAMINATION
 TRAINING EVALUATION

REVISIONS
 UF ALTERATION
 MODIFICATION
 RT ADJUSTING
 CONTRACTS
 CORRECTION
 EXTENSIONS
 VARIATIONS

REVOLUTION (MOTION)
 USE REVOLVING

REVOLVING
 UF REVOLUTION (MOTION)
 GS GYRATION
 . REVOLVING
 RT ANGULAR VELOCITY
 CENTRIPETAL FORCE
 ROTATION

REWARD (PSYCHOLOGY)
 GS REINFORCEMENT (PSYCHOLOGY)
 . REWARD (PSYCHOLOGY)
 RT COMFORT
 HUMAN REACTIONS
 PSYCHOLOGICAL FACTORS

REYNOLDS EQUATION
 UF REYNOLDS LAW
 GS EQUATIONS OF MOTION
 . REYNOLDS EQUATION
 RT AERODYNAMIC CONFIGURATIONS
 NAVIER-STOKES EQUATION
 SCALE MODELS

REYNOLDS LAW
 USE REYNOLDS EQUATION

REYNOLDS NUMBER
 UF CRITICAL REYNOLDS NUMBER
 GS RATIOS
 . DIMENSIONLESS NUMBERS
 . . REYNOLDS NUMBER
 RT BOUNDARY LAYER FLOW
 BOUNDARY LAYER STABILITY
 BOUNDARY LAYER TRANSITION
 FLUID FLOW
 FROUDE NUMBER
 GRASHOF NUMBER
 INVISCID FLOW
 LAMINAR FLOW
 PECLET NUMBER
 PRANDTL NUMBER
 RICHARDSON NUMBER
 SCALE EFFECT
 TRANSITION POINTS
 TURBULENT FLOW
 VISCOUS FLOW

REYNOLDS STRESS
 GS STRESSES
 . REYNOLDS STRESS
 RT INCOMPRESSIBLE FLOW
 NAVIER-STOKES EQUATION
 TURBULENT BOUNDARY LAYER
 TURBULENT FLOW

RF-1 AIRCRAFT
 UF RHEIN RF-1 AIRCRAFT
 GS MONOPLANES
 . RF-1 AIRCRAFT
 PASSENGER AIRCRAFT
 . RF-1 AIRCRAFT

RF-4 AIRCRAFT

RF-1 AIRCRAFT-(CONT.)

RHEIN AIRCRAFT
 . RF-1 AIRCRAFT
 TRANSPORT AIRCRAFT
 . RF-1 AIRCRAFT
 V/STOL AIRCRAFT
 . SHORT TAKEOFF AIRCRAFT
 . RF-1 AIRCRAFT

RF-4 AIRCRAFT

GS MCDONNELL DOUGLAS AIRCRAFT
 . MCDONNELL AIRCRAFT
 . RF-4 AIRCRAFT
 MONOPLANES
 . RF-4 AIRCRAFT
 OBSERVATION AIRCRAFT
 . RF-4 AIRCRAFT
 SUPERSONIC AIRCRAFT
 . RF-4 AIRCRAFT
 RT F-4 AIRCRAFT

RF-8 AIRCRAFT

USE F-8 AIRCRAFT

RH-2 HELICOPTER

USE UH-1 HELICOPTER

RHEA (ASTRONOMY)

GS CELESTIAL BODIES
 . NATURAL SATELLITES
 . RHEA (ASTRONOMY)
 SATELLITES
 . NATURAL SATELLITES
 . SATURN SATELLITES
 . RHEA (ASTRONOMY)
 RT SATURN (PLANET)
 SOLAR SYSTEM

RHEIN AIRCRAFT

GS RHEIN AIRCRAFT
 . RF-1 AIRCRAFT
 RT ∞ AIRCRAFT

RHEIN RF-1 AIRCRAFT

USE RF-1 AIRCRAFT

RHENIUM

GS METALS
 . TRANSITION METALS
 . REFRACTORY METALS
 . RHENIUM
 . RHENIUM ISOTOPES
 REFRACTORY MATERIALS
 . REFRACTORY METALS
 . RHENIUM
 . RHENIUM ISOTOPES

RHENIUM ALLOYS

GS ALLOYS
 . HEAT RESISTANT ALLOYS
 . REFRACTORY METAL ALLOYS
 . RHENIUM ALLOYS
 REFRACTORY MATERIALS
 . REFRACTORY METAL ALLOYS
 . RHENIUM ALLOYS

RHENIUM COMPOUNDS

RT ∞ GROUP 7B COMPOUNDS
 ∞ METAL COMPOUNDS

RHENIUM ISOTOPES

GS METALS
 . TRANSITION METALS
 . REFRACTORY METALS
 . RHENIUM
 . RHENIUM ISOTOPES
 REFRACTORY MATERIALS
 . REFRACTORY METALS
 . RHENIUM
 . RHENIUM ISOTOPES

RHEOCASTING

GS FORMING TECHNIQUES
 . CASTING
 . RHEOCASTING
 RT ALLOYS
 CAST ALLOYS
 DIES
 FORGING
 SLURRIES
 SOLIDIFICATION

RHEOELECTRICAL SIMULATION

GS SIMULATION

RHEOELECTRICAL SIMULATION-(CONT.)

RT . RHEOELECTRICAL SIMULATION
 ANALOG CIRCUITS
 ANALOG SIMULATION
 BIONICS
 FLOW DISTRIBUTION

RHEOENCEPHALOGRAPHY

RT BLOOD CIRCULATION
 BRAIN
 BRAIN CIRCULATION

RHEOLOGY

RT FLOW MEASUREMENT
 FLOW THEORY
 ∞ FLUIDS
 LIQUID FLOW
 MAXWELL FLUIDS
 NONNEWTONIAN FLUIDS
 PLASTIC FLOW
 PLASTIC PROPERTIES
 VISCOSITY

RHEOMETERS

GS MEASURING INSTRUMENTS
 . FLOWMETERS
 . RHEOMETERS
 RT BLOOD CIRCULATION

RHESUS FACTOR

RT ANTIGENS
 BLOOD
 CONGENITAL ANOMALIES

RHEUMATIC DISEASES

GS DISEASES
 . RHEUMATIC DISEASES

RHIZOPUS

GS FUNGI
 . RHIZOPUS
 RT BLIGHT
 ∞ MOLD

RHO-MESONS

GS PARTICLES
 . ELEMENTARY PARTICLES
 . BOSONS
 . MESONS
 . VECTOR MESONS
 . RHO-MESONS
 . FERMIONS
 . BARYONS
 . RHO-MESONS
 . HADRONS
 . BARYONS
 . RHO-MESONS
 . MESONS
 . VECTOR MESONS
 . RHO-MESONS
 . NUCLEAR PARTICLES
 . BOSONS
 . MESONS
 . VECTOR MESONS
 . RHO-MESONS
 RT CHARGED PARTICLES
 ETA-MESONS

RHODE ISLAND

GS UNITED STATES OF AMERICA
 . RHODE ISLAND
 RT BLOCK ISLAND SOUND (RI)

RHODESIA

USE ZIMBABWE

RHODIUM

GS CHEMICAL ELEMENTS
 . RHODIUM
 . RHODIUM ISOTOPES
 METALS
 . TRANSITION METALS
 . RHODIUM
 . RHODIUM ISOTOPES

RHODIUM ALLOYS

GS ALLOYS
 . RHODIUM ALLOYS

RHODIUM COMPOUNDS

RT ∞ GROUP 8 COMPOUNDS

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RHODIUM ISOTOPES

UF RHODIUM 102
 RHODIUM 106
 GS CHEMICAL ELEMENTS
 . NUCLIDES
 . ISOTOPES
 . . RHODIUM ISOTOPES
 . RHODIUM
 . RHODIUM ISOTOPES
 METALS
 . TRANSITION METALS
 . RHODIUM
 . . RHODIUM ISOTOPES

RHODIUM 102

USE RHODIUM ISOTOPES

RHODIUM 106

USE RHODIUM ISOTOPES

RHOMBIC ANTENNAS

GS ANTENNAS
 . DIRECTIONAL ANTENNAS
 . RHOMBIC ANTENNAS
 RT ANTENNA DESIGN
 RADIO ANTENNAS

RHOMBOHEDRONS

GS GEOMETRY
 . EUCLIDEAN GEOMETRY
 . POLYHEDRONS
 . . RHOMBOHEDRONS

RHOMBOIDS

GS GEOMETRY
 . EUCLIDEAN GEOMETRY
 . POLYGONS
 . . TETRAGONS
 . . . PARALLELOGRAMS
 . . . RHOMBOIDS
 RT GEOMETRY

RHONE DELTA (FRANCE)

GS LANDFORMS
 . DELTAS
 . RHONE DELTA (FRANCE)
 RT FRANCE
 MEDITERRANEAN SEA
 RIVERS

∞ RHYTHM

SN (USE OF A MORE SPECIFIC TERM IS
 RECOMMENDED--CONSULT THE TERMS
 LISTED BELOW)
 RT OSCILLATIONS
 PERIODIC VARIATIONS
 RHYTHM (BIOLOGY)

RHYTHM (BIOLOGY)

UF BIOLOGICAL CLOCKS
 BIOLOGICAL RHYTHM
 PERIODICITY (BIOLOGY)
 GS RHYTHM (BIOLOGY)
 . CIRCADIAN RHYTHMS
 RT ACTIVITY CYCLES (BIOLOGY)
 ALTERNATIONS
 CYCLES
 JET LAG
 PHENOLOGY
 ∞ RHYTHM

RIBBON PARACHUTES

GS PARACHUTES
 . RIBBON PARACHUTES
 RT DRAG CHUTES
 RECOVERY PARACHUTES

RIBBONS

RT CONVEYORS
 FABRICS
 FASTENERS
 METAL STRIPS
 ∞ STRIP
 ∞ TAPES

RIBOFLAVIN

UF VITAMIN B 2
 VITAMIN G
 GS HETEROCYCLIC COMPOUNDS
 . RIBOFLAVIN
 VITAMINS
 . RIBOFLAVIN

- RIBONUCLEIC ACIDS**
 UF RNA
 GS ACIDS
 . NUCLEIC ACIDS
 . . **RIBONUCLEIC ACIDS**
 RT GUANOSINES
 POLYNUCLEOTIDES
- RIBOSE**
 GS ALIPHATIC COMPOUNDS
 . SUGARS
 . . MONOSACCHARIDES
 . . . **RIBOSE**
 . . . PENTOSE
 . . . **RIBOSE**
 CARBOHYDRATES
 . SUGARS
 . . MONOSACCHARIDES
 . . . **RIBOSE**
 . . . PENTOSE
 . . . **RIBOSE**
 RT NUCLEOSIDES
- RIBS (SUPPORTS)**
 RT LONGERONS
 REINFORCEMENT (STRUCTURES)
 REINFORCEMENT RINGS
 STIFFENING
 WEBS (SUPPORTS)
- RICCATI EQUATION**
 RT DIFFERENTIAL EQUATIONS
- RICE**
 GS FARM CROPS
 . GRAINS (FOOD)
 . . **RICE**
 RT WHEAT
- RICHARDS THEOREM**
 GS THEOREMS
 . **RICHARDS THEOREM**
 RT NETWORK SYNTHESIS
 SIGNAL FLOW GRAPHS
- RICHARDSON NUMBER**
 GS RATIOS
 . DIMENSIONLESS NUMBERS
 . . **RICHARDSON NUMBER**
 RT AERODYNAMIC STABILITY
 REYNOLDS NUMBER
 SHEAR FLOW
- RICHARDSON-DUSHMAN EQUATION**
 USE TEMPERATURE EFFECTS
 THERMIONIC EMISSION
- RIDGES**
 SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)*
 UF CUESTAS
 HOGBACKS
 RT BRIDGES (LANDFORMS)
 BUCKLING
 CORRUGATING
 GAPS (GEOLOGY)
 KARST
 LANDFORMS
 MOUNTAINS
 PROTUBERANCES
 WRINKLING
- RIDING QUALITY**
 GS QUALITY
 . **RIDING QUALITY**
 RT COMFORT
 PASSENGERS
 SEATS
 SUSPENSION SYSTEMS (VEHICLES)
 TRANSPORTATION
- RIEMANN INTEGRAL**
 USE MEASURE AND INTEGRATION
- RIEMANN MANIFOLD**
 UF RIEMANN SPACE
 GS GEOMETRY
 . DIFFERENTIAL GEOMETRY
 . . **RIEMANN MANIFOLD**
 MANIFOLDS (MATHEMATICS)
 . **RIEMANN MANIFOLD**
 RT EUCLIDEAN GEOMETRY
- RIEMANN PROBLEM**
 USE CAUCHY PROBLEM
- RIEMANN SPACE**
 USE RIEMANN MANIFOLD
- RIEMANN WAVES**
 GS ELASTIC WAVES
 . SHOCK WAVES
 . . **RIEMANN WAVES**
 RT BLAST LOADS
 DIFFERENTIAL EQUATIONS
 DYNAMIC PRESSURE
 EXPLOSIONS
 HYPERBOLIC FUNCTIONS
- RIESZ THEOREM**
 GS THEOREMS
 . **RIESZ THEOREM**
 RT DIFFERENTIAL EQUATIONS
 HYPERBOLIC FUNCTIONS
- RIFLES**
 GS WEAPONS
 . GUNS (ORDNANCE)
 . . **RIFLES**
 RT ARTILLERY
- RIFT (REACTOR IN FLIGHT TEST)**
 UF REACTOR IN FLIGHT TEST PROGRAM
 RT ELECTRIC PROPULSION
 ∞ REACTORS
 ROCKET ENGINES
 ROVER PROJECT
 SATURN PROJECT
- RIFT VALLEYS**
 USE VALLEYS
- RIFTS**
 USE GEOLOGICAL FAULTS
- RIGGING**
 RT ASSEMBLING
 CONSTRUCTION
 ∞ EQUIPMENT
 MATERIALS HANDLING
 SHROUDS
- RIGID BODIES**
 USE RIGID STRUCTURES
- RIGID MOUNTING**
 GS MOUNTING
 . **RIGID MOUNTING**
 RT PYLON MOUNTING
- RIGID ROTOR HELICOPTERS**
 GS V/STOL AIRCRAFT
 . ROTARY WING AIRCRAFT
 . . HELICOPTERS
 . . . **RIGID ROTOR HELICOPTERS**
 . . . CH-3 HELICOPTER
 . . . F-28 HELICOPTER
 . . . XH-51 HELICOPTER
 RT ∞ AIRCRAFT
 OH-5 HELICOPTER
- RIGID ROTORS**
 UF HINGELESS ROTORS
 GS AIRFOILS
 . WINGS
 . . ROTARY WINGS
 . . . **RIGID ROTORS**
 RIGID STRUCTURES
 . **RIGID ROTORS**
 ROTATING BODIES
 . ROTORS
 . . ROTARY WINGS
 . . . **RIGID ROTORS**
 RT BEARINGLESS ROTORS
- RIGID ROTORS (PLASMA PHYSICS)**
 RT MOLECULAR COLLISIONS
 MOLECULAR ROTATION
 PLASMA CONTROL
- RIGID STRUCTURES**
 UF INELASTIC BODIES
 RIGID BODIES
 STIFF STRUCTURES
 GS **RIGID STRUCTURES**
 . RIGID ROTORS
 . RIGID WINGS
- RIGID STRUCTURES-(CONT.)**
 RT ARCHES
 COMPOSITE MATERIALS
 CONCRETE STRUCTURES
 EULER EQUATIONS OF MOTION
 HYBRID STRUCTURES
 REINFORCEMENT (STRUCTURES)
 SANDWICH STRUCTURES
 SPACE ERECTABLE STRUCTURES
 STEEL STRUCTURES
 ∞ STRUCTURES
 TRANSLATIONAL MOTION
 WELDED STRUCTURES
- RIGID WINGS**
 SN (EXCLUDES RIGID ROTORS)
 GS AIRFOILS
 . WINGS
 . . **RIGID WINGS**
 RIGID STRUCTURES
 . **RIGID WINGS**
 RT AEROELASTICITY
 FIXED WINGS
 FLEXIBLE WINGS
 LOW ASPECT RATIO WINGS
- RIGIDITY**
 SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)*
 RT FLEXIBILITY
 MAGNETIC RIGIDITY
 MECHANICAL PROPERTIES
 MODULUS OF ELASTICITY
 RUGGEDNESS
 STIFFNESS
 STRUCTURAL STABILITY
- RILLS**
 USE VALLEYS
- RIMS**
 RT ∞ BLADES
 BORDERS
 EDGES
 MARGINS
 SIDES
- RING CURRENTS**
 GS ELECTRIC CURRENT
 . **RING CURRENTS**
 RT ATMOSPHERIC ELECTRICITY
 ELECTROJETS
 PLASMA CURRENTS
- RING DISCHARGE**
 GS ELECTRIC CURRENT
 . ELECTRIC DISCHARGES
 . . TOWNSEND DISCHARGE
 . . . GAS DISCHARGES
 TOROIDAL DISCHARGE
 **RING DISCHARGE**
 RT ∞ DISCHARGE
 ELECTRODELESS DISCHARGES
 GAS IONIZATION
 HIGH FREQUENCIES
 RADIO FREQUENCY DISCHARGE
- RING LASERS**
 GS STIMULATED EMISSION DEVICES
 . LASERS
 . . **RING LASERS**
- RING STRUCTURES**
 GS **RING STRUCTURES**
 . REINFORCEMENT RINGS
 . RING WINGS
 RT AERODYNAMIC CONFIGURATIONS
 ∞ BANDS
 HOOPS
 REINFORCEMENT (STRUCTURES)
 ∞ RINGS
 ∞ STRUCTURES
- RING WINGS**
 GS AIRFOILS
 . WINGS
 . . UNCAMBERED WINGS
 . . . **RING WINGS**
 . . . UNSWEPT WINGS
 . . . **RING WINGS**
 RING STRUCTURES
 . **RING WINGS**
 RT DUCTED FANS

RINGS

RING WINGS-(CONT.)
SHROUDED PROPELLERS
TWISTED WINGS

∞ RINGS
SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED-CONSULT THE TERMS LISTED BELOW)*

RT ANNULI
BODIES OF REVOLUTION
CIRCLES (GEOMETRY)
JUPITER RINGS
O RING SEALS
REINFORCEMENT RINGS
RING STRUCTURES
RINGS (MATHEMATICS)
SATURN RINGS
STORAGE RINGS (PARTICLE ACCELERATORS)
TOROIDAL PLASMAS
TORUSES
URANUS RINGS
VORTEX RINGS

RINGS (MATHEMATICS)
RT ∞ MATHEMATICS
∞ RINGS

RIO GRANDE (NORTH AMERICA)
GS RIVERS
RT **RIO GRANDE (NORTH AMERICA)**
GULF OF MEXICO
MEXICO
NEW MEXICO
TEXAS

RIOMETERS
GS MEASURING INSTRUMENTS
RADIATION MEASURING INSTRUMENTS
RT **RIOMETERS**
ATMOSPHERIC IONIZATION
AURORAL ABSORPTION
IONOGRAMS
IONOSONDES
IONOSPHERIC NOISE
IONOSPHERIC PROPAGATION

RIPPLES
GS ELASTIC WAVES
CAPILLARY WAVES
RIPPLES
SURFACE WAVES
CAPILLARY WAVES
RT **RIPPLES**
GRAVITY WAVES
INTERFACIAL TENSION
WATER WAVES
WIND (METEOROLOGY)

RISERS
RT CASTINGS
PIPES (TUBES)

RISK
RT ACCEPTABILITY
ASSUMPTIONS
∞ CAPACITY
COMMERCE
CONFIDENCE
CONFIDENCE LIMITS
CONTINGENCY
DECISION THEORY
ESTIMATES
ESTIMATING
FINANCE
FORECASTING
GAME THEORY
HAZARDS
INVENTORY CONTROLS
MATHEMATICAL MODELS
MAXIMUM LIKELIHOOD ESTIMATES
OPERATIONS RESEARCH
PREDICTIONS
RELIABILITY
STRATEGY

RIT ENGINES
UF RADIOFREQUENCY ION THRUSTOR
ENGINES
GS ENGINES
ROCKET ENGINES
ELECTRIC ROCKET ENGINES
ION ENGINES
RT **RIT ENGINES**
ELECTROSTATIC ENGINES

RIT ENGINES-(CONT.)
PLASMA ENGINES

RITZ AVERAGING METHOD
GS ANALYSIS (MATHEMATICS)
NUMERICAL ANALYSIS
APPROXIMATION
RT **RITZ AVERAGING METHOD**
∞ METHODOLOGY

RIVER BASINS
GS LANDFORMS
STRUCTURAL BASINS
RIVER BASINS
ATCHAFALAYA RIVER BASIN (LA)
CHENA RIVER BASIN (AK)
COLUMBIA RIVER BASIN (ID-OR-WA)
DELAWARE RIVER BASIN (US)
FEATHER RIVER BASIN (CA)
MISSOURI RIVER BASIN (US)
SUSQUEHANNA RIVER BASIN (MD-NY-PA)
WABASH RIVER BASIN (IL-IN-OH)
WADIS
RT AMAZON REGION (SOUTH AMERICA)
CHESAPEAKE BAY (US)
DEATH VALLEY (CA)
INTERNATIONAL HYDROLOGICAL DECADE
LAKES
MEANDERS
MISSISSIPPI RIVER (US)
MISSOURI RIVER (US)
RAPIDS
RAVINES
RIVERS
SACRAMENTO VALLEY (CA)
SAGINAW BAY (MI)
SAN JOAQUIN VALLEY (CA)
SHENANDOAH VALLEY (VA)
VADOSE WATER
WATERSHEDS

RIVERS
GS **RIVERS**
COLORADO RIVER (NORTH AMERICA)
HUDSON RIVER (NY-NJ)
MISSISSIPPI RIVER (US)
MISSOURI RIVER (US)
OHIO RIVER (US)
RIO GRANDE (NORTH AMERICA)
RT ALLUVIUM
AMAZON REGION (SOUTH AMERICA)
ATCHAFALAYA RIVER BASIN (LA)
AUFEIS (ICE)
BAYOUS
CANYONS
COLUMBIA RIVER BASIN (ID-OR-WA)
DELAWARE RIVER BASIN (US)
DELTA
EARTH RESOURCES
EROSION
ESTUARIES
FEATHER RIVER BASIN (CA)
INLAND WATERS
LAKE ERIE
LAKE HURON
LAKE MICHIGAN
LAKE ONTARIO
LAKE SUPERIOR
MEANDERS
MISSISSIPPI DELTA (LA)
MISSOURI RIVER BASIN (US)
RAPIDS
RESERVOIRS
RHONE DELTA (FRANCE)
RIVER BASINS
SHOALS
SHORELINES
SOUNDS (TOPOGRAPHIC FEATURES)
STREAMS
SURFACE WATER
SUSQUEHANNA RIVER BASIN (MD-NY-PA)
TRIBUTARIES
VALLEYS
WABASH RIVER BASIN (IL-IN-OH)
WADIS
WATER COLOR
WATER RUNOFF
WATERSHEDS
WATERWAYS
WHARVES

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RIVETED JOINTS
GS JOINTS (JUNCTIONS)
RIVETED JOINTS
RT BUTT JOINTS
LAP JOINTS
METAL JOINTS
WELDED JOINTS

RIVETING
RT ∞ JOINING
RIVETS
SEALING

RIVETS
GS FASTENERS
RIVETS
RT COUPLINGS
HOLDERS
PINS
RIVETING

RL CIRCUITS
UF LR CIRCUITS
GS CIRCUITS
RL CIRCUITS
RLC CIRCUITS
RT COUPLING CIRCUITS
ELECTRICAL RESISTANCE
INDUCTANCE
LC CIRCUITS
NETWORK ANALYSIS
NETWORK SYNTHESIS
TIME CONSTANT

RL-10 ENGINES
GS ENGINES
ROCKET ENGINES
LIQUID PROPELLANT ROCKET ENGINES
RL-10 ENGINES
RL-10-A-1 ENGINE
RL-10-A-3 ENGINE
RT ATLAS CENTAUR LAUNCH VEHICLE
CENTAUR PROJECT
CRYOGENIC ROCKET PROPELLANTS
SATURN LAUNCH VEHICLES

RL-10-A-1 ENGINE
GS ENGINES
ROCKET ENGINES
LIQUID PROPELLANT ROCKET ENGINES
HYDROGEN OXYGEN ENGINES
RL-10-A-1 ENGINE
RL-10 ENGINES
RL-10-A-1 ENGINE

RL-10-A-3 ENGINE
GS ENGINES
ROCKET ENGINES
LIQUID PROPELLANT ROCKET ENGINES
HYDROGEN OXYGEN ENGINES
RL-10-A-3 ENGINE
RL-10 ENGINES
RL-10-A-3 ENGINE
RT SATURN D LAUNCH VEHICLE

RLC CIRCUITS
UF LRC CIRCUITS
RLC NETWORKS
GS CIRCUITS
RL CIRCUITS
RLC CIRCUITS
RT CAPACITANCE
CAPACITANCE SWITCHES
ELECTRICAL RESISTANCE
LC CIRCUITS
NETWORK ANALYSIS
NETWORK SYNTHESIS
RC CIRCUITS
TIME CONSTANT

RLC NETWORKS
USE RLC CIRCUITS

RNA
USE RIBONUCLEIC ACIDS

ROADS
GS **ROADS**
HIGHWAYS
RT ∞ FACILITIES
INTERSECTIONS

ROADS-(CONT.)

PASSAGEWAYS
PAVEMENTS
RAPID TRANSIT SYSTEMS
SITE SELECTION
STREETS
TRANSPORTATION
TRANSPORTATION NETWORKS

ROADWAY POWERED VEHICLES

GS SURFACE VEHICLES
 . ROADWAY POWERED VEHICLES
RT ELECTRIC BATTERIES
 ELECTRIC MOTOR VEHICLES
 ENERGY STORAGE

ROASTING

UF CALCINATION
RT BAKING
 DESULFURIZING
 DRYING
 HEATING
 IGNITION
 OXIDATION
 REDUCTION (CHEMISTRY)
 SINTERING

ROBIN BALLOONS

GS EXPANDABLE STRUCTURES
 INFLATABLE STRUCTURES
 . BALLOONS
 . . . METEOROLOGICAL BALLOONS
 ROBIN BALLOONS
RT HIGH ALTITUDE BALLOONS
 RADIOSONDES
 ROCKOONS
 SKYHOOK BALLOONS
 SOUNDING

ROBOTS

RT ARTIFICIAL INTELLIGENCE
 AUTOMATA THEORY
 BIONICS
 COMPUTER VISION
 PSYCHOLINGUISTICS
 SERVOMECHANISMS
 VOICE CONTROL

ROBUSTNESS (MATHEMATICS)

RT ALGORITHMS
 CONTROL STABILITY
 CONTROL THEORY
 FEEDBACK CONTROL
 LINEAR SYSTEMS
 MATHEMATICAL MODELS

ROCHE LIMIT

GS RANGE (EXTREMES)
 . ROCHE LIMIT
RT CELESTIAL MECHANICS
 DIMENSIONAL STABILITY
 GRAVITATION
 NATURAL SATELLITES
 ORBITS
 ROTATING BODIES
 TWO BODY PROBLEM

ROCK BOLTS

GS FASTENERS
 . BOLTS
 . . ROCK BOLTS

ROCK INTRUSIONS

UF DIKES
GS ROCK INTRUSIONS
 . BATHOLITHS
RT CONTACTS (GEOLOGY)
 IGNEOUS ROCKS
 INLIERS (LANDFORMS)
 REGOLITH
 ROCKS

ROCK MECHANICS

RT FRACTURE MECHANICS
 GEOLOGY
 ROCKS
 SOIL MECHANICS
 STRUCTURAL PROPERTIES (GEOLOGY)

ROCK SALT

USE HALITES

ROCKET BOOSTERS

USE BOOSTER ROCKET ENGINES

ROCKET CATAPULTS

GS LAUNCHERS
 . CATAPULTS
 . . ROCKET CATAPULTS
 . . . ROCKET LAUNCHERS
 ROCKET CATAPULTS
RT GUN LAUNCHERS
 LAUNCH VEHICLES
 LAUNCHING SITES
 MISSILES
 . . . ROCKETS

ROCKET CHAMBERS

USE THRUST CHAMBERS

ROCKET ENGINE CASES

UF MISSILE ENGINE CASES
 ROCKET MOTOR CASES
GS CASES (CONTAINERS)
 . ROCKET ENGINE CASES
RT MISSILE BODIES
 ORTHOTROPIC CYLINDERS
 PERFORATED SHELLS
 SHELLS (STRUCTURAL FORMS)
 THRUST CHAMBERS

ROCKET ENGINE CONTROL

GS ENGINE CONTROL
 . ROCKET ENGINE CONTROL
RT ATTITUDE CONTROL
 AUTOMATIC CONTROL
 . . . CONTROL
 DIRECTIONAL CONTROL
 FLIGHT CONTROL
 FUEL CONTROL
 HEUS ROCKET ENGINES
 MISSILE CONTROL
 REMOTE CONTROL
 SERVOCONTROL
 SPACECRAFT CONTROL
 THRUST CONTROL

ROCKET ENGINE DESIGN

GS ENGINE DESIGN
 . ROCKET ENGINE DESIGN
RT COLD FLOW TESTS
 . . . DESIGN
 ENGINE TESTS
 PREFIRING TESTS
 ROVER PROJECT

ROCKET ENGINE NOISE

GS ELASTIC WAVES
 . SOUND WAVES
 . . NOISE (SOUND)
 . . . ENGINE NOISE
 ROCKET ENGINE NOISE
RT MUFFLERS

ROCKET ENGINE NOZZLE EJECTOR PROGRAM

USE RENE PROGRAM

ROCKET ENGINE 1KS-420

GS ENGINES
 . ROCKET ENGINES
 . . SOLID PROPELLANT ROCKET
 . . . ENGINES
 ROCKET ENGINE 1KS-420

ROCKET ENGINE 2KS-36250

GS ENGINES
 . JATO ENGINES
 . . ROCKET ENGINE 2KS-36250
 . . . ROCKET ENGINES
 BOOSTER ROCKET ENGINES
 ROCKET ENGINE 2KS-36250
 SOLID PROPELLANT ROCKET
 ENGINES
 ROCKET ENGINE 2KS-36250
 LAUNCHERS
 . AIRCRAFT LAUNCHING DEVICES
 . . JATO ENGINES
 . . . ROCKET ENGINE 2KS-36250

ROCKET ENGINE 9KS-11000

GS ENGINES
 . ROCKET ENGINES
 . . BOOSTER ROCKET ENGINES
 . . . ROCKET ENGINE 9KS-11000

ROCKET ENGINE 15KS-25000

GS ENGINES
 . JATO ENGINES
 . . ROCKET ENGINE 15KS-25000

ROCKET ENGINE 15KS-25000-(CONT.)

. ROCKET ENGINES
. . BOOSTER ROCKET ENGINES
. . . ROCKET ENGINE 15KS-25000
. . . . SOLID PROPELLANT ROCKET
 ENGINES
. ROCKET ENGINE 15KS-25000
LAUNCHERS
. AIRCRAFT LAUNCHING DEVICES
. . JATO ENGINES
. . . ROCKET ENGINE 15KS-25000

ROCKET ENGINES

UF INTERPLANETARY PROPULSION
 THRUSTORS
GS ENGINES
 . ROCKET ENGINES
 . . BOOSTER ROCKET ENGINES
 . . . AJ-10 ENGINE
 . . . ALGOL ENGINE
 . . . APOGEE BOOST MOTORS
 . . . H-1 ENGINE
 . . . LR-59-AJ-13 ENGINE
 . . . LR-87-AJ-3 ENGINE
 . . . LR-87-AJ-5 ENGINE
 . . . M-1 ENGINE
 . . . M-55 ENGINE
 . . . MA-2 ENGINE
 . . . MA-3 ENGINE
 . . . MA-5 ENGINE
 . . . NIKE BOOSTER ROCKET ENGINES
 . . . P-1 ENGINE
 . . . ROCKET ENGINE 2KS-36250
 . . . ROCKET ENGINE 9KS-11000
 . . . ROCKET ENGINE 15KS-25000
 . . . TU-122 ENGINE
 . . . TX-135 ENGINE
 . . . X-405 ENGINE
 . . . DUCTED ROCKET ENGINES
 . . . ELECTRIC ROCKET ENGINES
 . . . ELECTROSTATIC ENGINES
 . . . ELECTROTHERMAL ENGINES
 ARC JET ENGINES
 XT-761 ENGINE
 . . . RESISTOJET ENGINES
 . . . ION ENGINES
 . . . CESIUM ENGINES
 . . . MERCURY ION ENGINES
 . . . RIT ENGINES
 . . . HEUS ROCKET ENGINES
 . . . HOT WATER ROCKET ENGINES
 . . . HYBRID PROPELLANT ROCKET
 . . . ENGINES
 . . . LITHERGOL ROCKET ENGINES
 . . . LIQUID PROPELLANT ROCKET
 . . . ENGINES
 AJ-10 ENGINE
 BRISTOL-SIDDELEY MK 301 ENGINE
 F-1 ROCKET ENGINE
 H-1 ENGINE
 HYDRAZINE ENGINES
 HYDROGEN OXYGEN ENGINES
 J-2 ENGINE
 M-1 ENGINE
 RL-10-A-1 ENGINE
 RL-10-A-3 ENGINE
 LIQUID AIR CYCLE ENGINES
 LR-59-AJ-13 ENGINE
 LR-62 ENGINE
 LR-62-RM-2 ENGINE
 LR-87-AJ-3 ENGINE
 LR-87-AJ-5 ENGINE
 LR-91-AJ-3 ENGINE
 LR-91-AJ-5 ENGINE
 LR-99 ENGINE
 MA-2 ENGINE
 MA-3 ENGINE
 MA-5 ENGINE
 RL-10 ENGINES
 RL-10-A-1 ENGINE
 RL-10-A-3 ENGINE
 SPACE SHUTTLE MAIN ENGINE
 X-405 ENGINE
 XLR-58 ENGINE
 XLR-81-BA-13 ENGINE
 XLR-99 ENGINE
 YLR-91-AJ-1 ENGINE
 YLR-115 ENGINE
 M-100 ENGINE
 MICROROCKET ENGINES
 ORBIT MANEUVERING ENGINE
 (SPACE SHUTTLE)
 . . . NOZZLELESS ROCKET ENGINES
 . . . NUCLEAR ENGINE FOR ROCKET
 . . . VEHICLES
 . . . NUCLEAR RAMJET ENGINES

ROCKET EXHAUST

ROCKET ENGINES-(CONT.)

. . NUCLEAR ROCKET ENGINES
 . . NUCLEAR LIGHTBULB ENGINES
 . . RESTARTABLE ROCKET ENGINES
 . . RETROROCKET ENGINES
 . . BE-3 ENGINE
 . . TE-385 ENGINE
 . . REUSABLE ROCKET ENGINES
 . . SOLID PROPELLANT ROCKET ENGINES
 . . ALGOL ENGINE
 . . APOGEE BOOST MOTORS
 . . ASROC ENGINE
 . . EM-36 ROCKET ENGINE
 . . HERCULES ENGINE
 . . M-46 ENGINE
 . . M-55 ENGINE
 . . M-56 ENGINE
 . . M-57 ENGINE
 . . MG-18 ENGINE
 . . NIKE BOOSTER ROCKET ENGINES
 . . P-1 ENGINE
 . . ROCKET ENGINE 1KS-420
 . . ROCKET ENGINE 2KS-36250
 . . ROCKET ENGINE 15KS-25000
 . . SL-3 ROCKET ENGINE
 . . SYNCOM APOGEE ENGINES
 . . TE-289 ENGINE
 . . TU-121 ENGINE
 . . TU-122 ENGINE
 . . TX-77 ENGINE
 . . TX-135 ENGINE
 . . TX-354 ENGINE
 . . X-235 ENGINE
 . . X-248 ENGINE
 . . X-254 ENGINE
 . . X-258 ENGINES
 . . X-258-A1 ENGINE
 . . X-258-B1 ENGINE
 . . X-259 ENGINE
 . . XM-33 ENGINE
 . . SUSTAINER ROCKET ENGINES
 . . MG-18 ENGINE
 . . TURBOROCKET ENGINES
 . . ULLAGE ROCKET ENGINES
 . . UPPER STAGE ROCKET ENGINES
 . . VERNIER ENGINES
 . . SYNCOM APOGEE ENGINES
 RT AIRCRAFT ENGINES
 AXIAL MODES
 BURNING TIME
 EJECTORS
 EXHAUST NOZZLES
 EXPENDABLE STAGES (SPACECRAFT)
 HEAVY LIFT LAUNCH VEHICLES
 HYBRID PROPULSION
 IGNITION SYSTEMS
 INTERNAL COMBUSTION ENGINES
 JET ENGINES
 JET PROPULSION
 LASER PROPULSION
 LAUNCH VEHICLES
 LUNAR MODULE ASCENT STAGE
 MAGNETOPLASMA DYNAMICS
 MISSILE CONFIGURATIONS
 MISSILES
 MULTISTAGE ROCKET VEHICLES
 POST BOOST PROPULSION SYSTEM
 ∞ PROPELLANT ACTUATED DEVICES
 PROPELLANT EXPLOSIONS
 REFRACTORIES
 REUSABLE LAUNCH VEHICLES
 RIFT (REACTOR IN FLIGHT TEST)
 ∞ ROCKETS
 SINGLE STAGE ROCKET VEHICLES
 SOLID ROCKET PROPELLANTS
 SPACECRAFT COMPONENTS
 SPACECRAFT PROPULSION
 SPACECRAFT STRUCTURES
 THRUST
 THRUST VECTOR CONTROL
 THRUST-WEIGHT RATIO

ROCKET EXHAUST

GS PLUMES
 . . ROCKET EXHAUST
 RT BASE HEATING
 COMBUSTION PRODUCTS
 EXHAUST GASES
 EXHAUST SYSTEMS
 JET EXHAUST

ROCKET FIRING

GS FIRING (IGNITING)
 . . ROCKET FIRING

ROCKET FIRING-(CONT.)

RT . . RETROFIRING
 BURNING TIME
 DETONATION
 STATIC FIRING
 TEST FIRING

ROCKET FLIGHT

RT CLIMBING FLIGHT
 COASTING FLIGHT
 ∞ FLIGHT
 FLIGHT PATHS
 HORIZONTAL FLIGHT
 HYPERSONIC FLIGHT
 METEOROLOGICAL FLIGHT
 SPACE FLIGHT
 SUBORBITAL FLIGHT
 SUPERSONIC FLIGHT
 TRAJECTORIES
 TRANSONIC FLIGHT
 VERTICAL FLIGHT

ROCKET LAUNCHERS

GS LAUNCHERS
 . . ROCKET LAUNCHERS
 . . ROCKET CATAPULTS
 RT GROUND SUPPORT EQUIPMENT
 GUN LAUNCHERS
 LAUNCH VEHICLES
 LAUNCHING
 LAUNCHING SITES
 MISSILE LAUNCHERS
 ∞ ROCKETS
 ROCKOONS
 SEA LAUNCHING

ROCKET LAUNCHING

UF BLASTOFF
 GS LAUNCHING
 . . ROCKET LAUNCHING
 . . LUNAR LAUNCH
 . . ORBITAL LAUNCHING
 RT LAUNCH VEHICLES
 LAUNCH WINDOWS
 LAUNCHERS
 SPACECRAFT LAUNCHING

ROCKET LININGS

GS LININGS
 . . ROCKET LININGS
 RT ENGINE PARTS
 REFRACTORIES

ROCKET MOTOR CASES

USE ROCKET ENGINE CASES

ROCKET NOSE CONES

GS CONES
 . . NOSE CONES
 ROCKET NOSE CONES
 RT ABLATIVE NOSE CONES

ROCKET NOZZLES

GS ROCKET NOZZLES
 . . DUAL THRUST NOZZLES
 RT ANNULAR NOZZLES
 CONICAL NOZZLES
 CONVERGENT-DIVERGENT NOZZLES
 DIVERGENT NOZZLES
 HYPERSONIC NOZZLES
 NOZZLE INSERTS
 NOZZLELESS ROCKET ENGINES
 ∞ NOZZLES
 PLUG NOZZLES
 RENE PROGRAM
 SKIRTS
 SPIKE NOZZLES
 SUPERSONIC NOZZLES

ROCKET OXIDIZERS

UF PROPELLANT OXIDIZERS
 GS OXIDIZERS
 . . ROCKET OXIDIZERS
 . . FLOX
 RT CRYOGENIC FLUIDS
 DOMINO PROPELLANTS
 HIGH ENERGY OXIDIZERS
 HYDROGEN PEROXIDE
 LIQUID OXIDIZERS
 LIQUID OXYGEN
 NITROGEN TETROXIDE
 NITRONIUM PERCHLORATE

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ROCKET PLANES

GS ROCKET VEHICLES
 . . ROCKET PLANES
 RT AEROSPACEPLANES
 ∞ AIRCRAFT
 ASTROPLANE
 BOOSTGLIDE VEHICLES
 RESEARCH AIRCRAFT

ROCKET PROPELLANT TANKS

USE PROPELLANT TANKS

ROCKET PROPELLANTS

UF MULTIPROPELLANTS
 GS PROPELLANTS
 . . ROCKET PROPELLANTS
 . . GASEOUS ROCKET PROPELLANTS
 . . LIQUID ROCKET PROPELLANTS
 . . CRYOGENIC ROCKET PROPELLANTS
 . . GELLED ROCKET PROPELLANTS
 . . HYPERGOLIC ROCKET PROPELLANTS
 . . MONOPROPELLANTS
 AEROZINE
 RP-1 ROCKET PROPELLANTS
 SLURRY PROPELLANTS
 NITRAMINE PROPELLANTS
 SOLID ROCKET PROPELLANTS
 DOUBLE BASE ROCKET PROPELLANTS
 RT . . METAL PROPELLANTS
 ASCENT PROPULSION SYSTEMS
 AUXILIARY PROPULSION
 FUELS
 HYDRAZINES
 HYDROCARBON FUELS
 MISSILES
 PROPELLANT BINDERS
 PROPELLANT STORAGE
 PROPULSION
 SOLID PROPELLANTS
 SPECIFIC IMPULSE
 STORABLE PROPELLANTS
 THRUST
 TORPEDO ENGINES

ROCKET PROPELLED SLEDS

GS SURFACE VEHICLES
 . . SLEDS
 ROCKET PROPELLED SLEDS
 RT JAVELIN ROCKET VEHICLE
 ∞ TEST EQUIPMENT

ROCKET SONDES

USE SOUNDING ROCKETS

ROCKET SOUNDING

GS SOUNDING
 . . ROCKET SOUNDING
 RT ACOUSTIC SOUNDING
 ATMOSPHERIC SOUNDING
 BARIUM ION CLOUDS
 IONOSPHERIC SOUNDING
 JUDI-DART ROCKET
 MICROWAVE SOUNDING
 SATELLITE SOUNDING
 SOUNDING ROCKETS

ROCKET TEST FACILITIES

GS TEST FACILITIES
 . . ROCKET TEST FACILITIES
 RT ENGINE TESTS
 TEST FIRING
 TEST RANGES
 TEST STANDS

ROCKET THRUST

GS THRUST
 . . ROCKET THRUST
 . . RETROTHRUST
 RT HIGH THRUST
 JET THRUST
 LOW THRUST
 LOW THRUST PROPULSION
 MICROTHRUST
 PROPULSION SYSTEM PERFORMANCE
 SPECIFIC IMPULSE
 STATIC THRUST
 THRUST LOADS
 THRUST TERMINATION
 VARIABLE THRUST

ROCKET VEHICLES

GS ROCKET VEHICLES
 . . ARCON ROCKET VEHICLE

ROCKET VEHICLES-(CONT.)

. BLUE STREAK LAUNCH VEHICLE
 . BLUE STREAK MISSILE
 . CENTAUR LAUNCH VEHICLE
 . ATLAS CENTAUR LAUNCH VEHICLE
 . FOLDING FIN AIRCRAFT ROCKET VEHICLE
 . HOVERING ROCKET VEHICLES
 . METEOR 1 ROCKET VEHICLE
 . MULTISTAGE ROCKET VEHICLES
 . ABLESTAR LAUNCH VEHICLE
 . ANTARES ROCKET VEHICLE
 . ARGO ROCKET VEHICLES
 . . . ARGO D-4 ROCKET VEHICLE
 . . . ARGO D-8 ROCKET VEHICLE
 . . . ARGO E-5 ROCKET VEHICLE
 . ARIANE LAUNCH VEHICLE
 . ASTROBEE ROCKET VEHICLES
 . . . ASTROBEE 200 ROCKET VEHICLE
 . . . ASTROBEE 1500 ROCKET VEHICLE
 . ATHENA ROCKET VEHICLE
 . ATLAS LAUNCH VEHICLES
 . . . ATLAS ABLE 5 LAUNCH VEHICLE
 . . . ATLAS AGENA B LAUNCH VEHICLE
 . . . ATLAS AGENA LAUNCH VEHICLES
 . . . ATLAS CENTAUR LAUNCH VEHICLE
 . . . ATLAS SLV-3 LAUNCH VEHICLE
 . BERENICE ROCKET VEHICLE
 . BLACK KNIGHT ROCKET VEHICLE
 . BLUE SCOUT JR ROCKET VEHICLE
 . BLUE SCOUT ROCKET VEHICLE
 . D-6 ROCKET VEHICLE
 . DEACON-ARROW ROCKET VEHICLE
 . DIAMANT LAUNCH VEHICLE
 . ELDO LAUNCH VEHICLE
 . EXOS SOUNDING ROCKET
 . JAGUAR ROCKET VEHICLE
 . JASON ROCKET VEHICLE
 . JAVELIN ROCKET VEHICLE
 . JOURNEYMAN ROCKET VEHICLE
 . JUNO 1 LAUNCH VEHICLE
 . JUNO 2 LAUNCH VEHICLE
 . JUNO 5 LAUNCH VEHICLE
 . JUPITER C ROCKET VEHICLE
 . KAPPA ROCKET VEHICLES
 . . . KAPPA 6 ROCKET VEHICLE
 . . . KAPPA 8 ROCKET VEHICLE
 . . . KAPPA 9 ROCKET VEHICLE
 . LAMBDA ROCKET VEHICLES
 . LITTLE JOE 2 LAUNCH VEHICLE
 . NIKE ROCKET VEHICLES
 . . . NIKE-APACHE ROCKET VEHICLE
 . . . NIKE-ASP ROCKET VEHICLE
 . . . NIKE-CAJUN ROCKET VEHICLE
 . . . NIKE-HYDAC ROCKET VEHICLE
 . . . NIKE-IROQUOIS ROCKET VEHICLE
 . . . NIKE-JAVELIN ROCKET VEHICLE
 . . . NIKE-TOMAHAWK ROCKET VEHICLE
 . NOVA LAUNCH VEHICLES
 . . . NOVA H LAUNCH VEHICLE
 . . . NOVA J LAUNCH VEHICLE
 . OPD-220 ROCKET VEHICLE
 . PHOENIX SOUNDING ROCKET
 . RAM B LAUNCH VEHICLE
 . RUBIS ROCKET VEHICLE
 . SATURN LAUNCH VEHICLES
 . . . SATURN D LAUNCH VEHICLE
 . . . SATURN 1 LAUNCH VEHICLES
 SATURN 1 SA-1 LAUNCH VEHICLE
 SATURN 1 SA-2 LAUNCH VEHICLE
 SATURN 1 SA-3 LAUNCH VEHICLE
 SATURN 1 SA-4 LAUNCH VEHICLE
 SATURN 1 SA-5 LAUNCH VEHICLE
 SATURN 1 SA-6 LAUNCH VEHICLE
 SATURN 1 SA-7 LAUNCH VEHICLE
 SATURN 1 SA-8 LAUNCH VEHICLE
 SATURN 1 SA-9 LAUNCH VEHICLE
 SATURN 1 SA-10 LAUNCH VEHICLE
 . . . SATURN 1B LAUNCH VEHICLES
 . . . SATURN 2 LAUNCH VEHICLES
 . . . SATURN 5 LAUNCH VEHICLES
 . SCOUT LAUNCH VEHICLE
 . SHOTPUT SOUNDING ROCKETS
 . SKYLARK ROCKET VEHICLE
 . STANDARD LAUNCH VEHICLE 1B
 . STRONGARM ROCKET VEHICLE
 . THOR LAUNCH VEHICLES
 . . . THOR ABLE ROCKET VEHICLE
 . . . THOR AGENA LAUNCH VEHICLE
 . . . THOR DELTA LAUNCH VEHICLE
 . TITAN LAUNCH VEHICLES
 . . . TITAN 3 LAUNCH VEHICLE
 . VANGUARD 2 LAUNCH VEHICLE
 . VEGA LAUNCH VEHICLE
 . WASP SOUNDING ROCKET

ROCKET VEHICLES-(CONT.)

. PAYLOAD ASSIST MODULE
 . ROCKET PLANES
 . SATURN STAGES
 . . . SATURN S-1 STAGE
 . . . SATURN S-1B STAGE
 . . . SATURN S-1C STAGE
 . . . SATURN S-2 STAGE
 . . . SATURN S-4 STAGE
 . . . SATURN S-4B STAGE
 . SINGLE STAGE ROCKET VEHICLES
 . . . AGENA ROCKET VEHICLES
 AGENA A ROCKET VEHICLE
 AGENA B ROCKET VEHICLE
 AGENA C ROCKET VEHICLE
 AGENA D ROCKET VEHICLE
 . . . ARCAS ROCKET VEHICLES
 . . . ARCHER SOUNDING ROCKET
 . . . BLACK BRANT SOUNDING ROCKETS
 BLACK BRANT 1 SOUNDING ROCKET
 BLACK BRANT 2 SOUNDING ROCKET
 BLACK BRANT 3 SOUNDING ROCKET
 BLACK BRANT 4 SOUNDING ROCKET
 BLACK BRANT 5 SOUNDING ROCKET
 . . . BLACK KNIGHT ROCKET VEHICLE
 . DORNIER PARAGLIDER ROCKET VEHICLE
 . . . GENIE ROCKET VEHICLE
 . . . HONEST JOHN ROCKET VEHICLE
 . . . HYLAR STAR ROCKET VEHICLE
 . . . LITTLE JOHN ROCKET VEHICLE
 . . . LOKI ROCKET VEHICLE
 . . . NOMAD LAUNCH VEHICLE
 . . . SKYDART 2 ROCKET VEHICLE
 . . . VERONIQUE ROCKET VEHICLES
 VERONIQUE V-27 ROCKET VEHICLE
 VERONIQUE V-37 ROCKET VEHICLE
 . . . VIKING ROCKET VEHICLE
 . . . ZUNI ROCKET VEHICLE
 . SOUNDING ROCKETS
 . . . AEROBEE ROCKET VEHICLE
 . . . ANTARES ROCKET VEHICLE
 . . . APACHE ROCKET VEHICLE
 . . . ARCAS ROCKET VEHICLES
 . . . ARCHER SOUNDING ROCKET
 . . . ASP ROCKET VEHICLE
 . . . ASTROBEE ROCKET VEHICLES
 ASTROBEE 200 ROCKET VEHICLE
 ASTROBEE 1500 ROCKET VEHICLE
 . . . BLACK BRANT SOUNDING ROCKETS
 BLACK BRANT 1 SOUNDING ROCKET
 BLACK BRANT 2 SOUNDING ROCKET
 BLACK BRANT 3 SOUNDING ROCKET
 BLACK BRANT 4 SOUNDING ROCKET
 BLACK BRANT 5 SOUNDING ROCKET
 . . . CAJUN ROCKET VEHICLE
 . . . DEACON-ARROW ROCKET VEHICLE
 . DORNIER PARAGLIDER ROCKET VEHICLE
 . . . EXOS SOUNDING ROCKET
 . . . JAGUAR ROCKET VEHICLE
 . . . JASON ROCKET VEHICLE
 . . . JOURNEYMAN ROCKET VEHICLE
 . . . JUDI:DART ROCKET
 . . . KAPPA ROCKET VEHICLES
 KAPPA 6 ROCKET VEHICLE
 KAPPA 8 ROCKET VEHICLE
 KAPPA 9 ROCKET VEHICLE
 . . . LAMBDA ROCKET VEHICLES
 . . . LOKI ROCKET VEHICLE
 . . . OPD-220 ROCKET VEHICLE
 . . . PETREL SOUNDING ROCKET
 . . . PHOENIX SOUNDING ROCKET
 . . . SHOTPUT SOUNDING ROCKETS
 . . . SKUA ROCKET VEHICLES
 . . . SKYLARK ROCKET VEHICLE
 . . . VENUS FLY TRAP ROCKET VEHICLE
 . . . VERONIQUE ROCKET VEHICLES
 VERONIQUE V-27 ROCKET VEHICLE
 VERONIQUE V-37 ROCKET VEHICLE
 . . . VERTICAL 8 ROCKET
 . . . WASP SOUNDING ROCKET
 . . . STANDARD LAUNCH VEHICLES
 ATLAS SLV-3 LAUNCH VEHICLE
 STANDARD LAUNCH VEHICLE F 1
 . . . STANDARD LAUNCH VEHICLE 1

ROCKET VEHICLES-(CONT.)

. . . STANDARD LAUNCH VEHICLE 1B
 . . . STANDARD LAUNCH VEHICLE 2A
 . . . STANDARD LAUNCH VEHICLE 5
 . SURFACE TO SURFACE ROCKETS
 . . . HONEST JOHN ROCKET VEHICLE
 . . . LITTLE JOHN ROCKET VEHICLE
 . THORAD LAUNCH VEHICLES
 . . . THOR ABLE ROCKET VEHICLE
 . . . THOR AGENA LAUNCH VEHICLE
 . . . THOR DELTA LAUNCH VEHICLE
 . TITAN CENTAUR LAUNCH VEHICLE
 RT . ACOUSTIC SOUNDING
 . . . BALLISTIC VEHICLES
 . . . FLIGHT VEHICLES
 . . . HEUS ROCKET ENGINES
 . . . LAUNCH VEHICLES
 . . . MISSILE CONFIGURATIONS
 . . . MULTIENGINE VEHICLES
 . . . ROCKETS
 SPACE PROCESSING APPLICATIONS
 ROCKET
 . . . STAGE SEPARATION
 . . . TEST VEHICLES
 . . . TRAILBLAZER 1 REENTRY VEHICLE
 . . . TRAILBLAZER 2 REENTRY VEHICLE
 . . . VEHICLES
 . . . WINGED VEHICLES
 X-1 AIRCRAFT
 X-2 AIRCRAFT
 X-15 AIRCRAFT
 X-17 REENTRY VEHICLE

ROCKET-BORNE INSTRUMENTS

RT . CONTROLLERS
 . . . FLIGHT TEST INSTRUMENTS
 . . . INSTRUMENTS
 MEASURING INSTRUMENTS
 METEOROLOGICAL INSTRUMENTS
 POSITION INDICATORS

ROCKET-BORNE PHOTOGRAPHY

GS . IMAGERY
 ROCKET-BORNE PHOTOGRAPHY
 . . . PHOTOGRAPHY
 RT . . . ROCKET-BORNE PHOTOGRAPHY
 . . . AERIAL PHOTOGRAPHY
 . . . ASTRONOMICAL PHOTOGRAPHY
 . . . BLACK AND WHITE PHOTOGRAPHY
 . . . PHOTOMAPPING
 . . . SATELLITE-BORNE PHOTOGRAPHY
 . . . SPACEBORNE PHOTOGRAPHY

. . . ROCKETS

SN . (USE OF A MORE SPECIFIC TERM IS
 . . . RECOMMENDED--CONSULT THE TERMS
 . . . LISTED BELOW)
 RT . AIR SLEW MISSILES
 . . . AMMUNITION
 . . . ESCAPE ROCKETS
 . . . HEAVY LIFT LAUNCH VEHICLES
 . . . INCENDIARY AMMUNITION
 . . . LAUNCH VEHICLES
 . . . MISSILES
 . . . NUCLEAR RAMJET ENGINES
 . . . NUCLEAR ROCKET ENGINES
 . . . NUCLEAR WEAPONS
 . . . PATRIOT MISSILE
 . . . PETREL SOUNDING ROCKET
 . . . PYROTECHNICS
 . . . REENTRY
 . . . REENTRY VEHICLES
 . . . ROCKET CATAPULTS
 . . . ROCKET ENGINES
 . . . ROCKET LAUNCHERS
 . . . ROCKET VEHICLES
 . . . ROCKOONS
 . . . SPACE FLIGHT
 . . . SURFACE TO AIR MISSILES
 . . . SURFACE TO SURFACE MISSILES
 . . . SURFACE TO SURFACE ROCKETS
 . . . TORPEDOES
 . . . VERTICAL 8 ROCKET
 . . . WARHEADS
 . . . WEAPON SYSTEMS
 . . . WEAPONS DELIVERY

ROCKOONS

RT . HIGH ALTITUDE BALLOONS
 . . . METEOROLOGICAL BALLOONS
 . . . ROBIN BALLOONS
 . . . ROCKET LAUNCHERS
 . . . ROCKETS
 . . . SKYHOOK BALLOONS

ROCKS

ROCKS
 UF STONES (ROCKS)
 GS **ROCKS**
 . ANDESITE
 . ATAXITE
 . BEDROCK
 BAL TIC SHIELD (EUROPE)
 . BRECCIA
 . COAL
 . LIGNITE
 SOLVENT REFINED COAL
 . GNEISS
 . IGNEOUS ROCKS
 . ANORTHOSITE
 . BASALT
 . DIORITE
 . DUNITE
 . ECLOGITE
 . FELSITE
 . GRANITE
 . OBSIDIAN
 MOLDAVITE
 . PERIDOTITE
 . PUMICE
 . SYENITE
 . TRACHYTE
 . LIMESTONE
 . LUNAR ROCKS
 . REGOLITH
 . SANDSTONES
 . SCHIST
 . SHALES
 . SHATTER CONES
 RT AGGREGATES
 BATHOLITHS
 BAUXITE
 BOREHOLES
 CARBONACEOUS ROCKS
 CLAYS
 CONTACTS (GEOLOGY)
 CROSSBEDDING (GEOLOGY)
 DIRT
 DOLOMITE (MINERAL)
 EARTH RESOURCES
 EFFUSIVES
 ENSTATITE
 FOLDS (GEOLOGY)
 FORMATIONS
 GEOLOGY
 GYPSUM
 INLIERS (LANDFORMS)
 KARST
 KREEP
 LANDSLIDES
 LATERITES
 LAVA
 LEDGES
 LITHOLOGY
 MAGMA
 METAMORPHISM (GEOLOGY)
 MINERALS
 NUNATAKS
 OLIVINE
 OUTLIERS (LANDFORMS)
 PALEOMAGNETISM
 PETROGRAPHY
 PETROLOGY
 PYROXENES
 QUARTZ
 REEFS
 ROCK INTRUSIONS
 ROCK MECHANICS
 SEDIMENTARY ROCKS
 SERPENTINE
 SOILS
 STRATIGRAPHY
 TUNNELING (EXCAVATION)

ROCKWELL HARDNESS
 GS MECHANICAL PROPERTIES
 . HARDNESS
 **ROCKWELL HARDNESS**
 RT MICROHARDNESS

ROCKY MOUNTAINS (NORTH AMERICA)
 GS LANDFORMS
 . MOUNTAINS
 **ROCKY MOUNTAINS (NORTH AMERICA)**
 RT CANADA
 UNITED STATES OF AMERICA

RODENTS
 GS ANIMALS
 . VERTEBRATES

RODENTS-(CONT.)
 . . MAMMALS
 **RODENTS**
 GUINEA PIGS
 HAMSTERS
 MICE
 JERBOAS
 POCKET MICE
 RABBITS
 RATS
 SQUIRRELS
 GROUND SQUIRRELS

RODS
 GS **RODS**
 . CONTROL RODS
 RT BARS
 BILLETS
 DIRECTORS (ANTENNA ELEMENTS)
 STRUCTURAL MEMBERS
 WIRE

ROGALLO WINGS
 USE FLEXIBLE WINGS
 FOLDING STRUCTURES

ROLL
 UF DAMPING IN ROLL
 GS ATTITUDE (INCLINATION)
 . **ROLL**
 RT LATERAL CONTROL
 LATERAL OSCILLATION
 LATERAL STABILITY
 PITCH (INCLINATION)
 ROLLERS
 ∞ ROLLING
 ROLLING MOMENTS
 ROTATION
 SIDESLIP
 TURNING FLIGHT
 YAW

ROLL CONTROL
 USE LATERAL CONTROL

ROLL FORMING
 GS FORMING TECHNIQUES
 . **ROLL FORMING**
 RT COLD WORKING
 METAL WORKING

ROLLER BEARINGS
 GS BEARINGS
 . ANTI-FRICTION BEARINGS
 . . **ROLLER BEARINGS**
 RT BALL BEARINGS
 NEEDLE BEARINGS
 THRUST BEARINGS

ROLLERS
 RT CONVEYORS
 CYLINDRICAL BODIES
 DISPENSERS
 DISTRIBUTORS
 IDLERS
 PLATENS
 PULLEYS
 ROLL
 TIRES
 VEHICLE WHEELS
 WHEELS

∞ **ROLLING**
 SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)*
 RT AUSFORMING
 FLATTENING
 FORGING
 LEVELING
 METAL WORKING
 ROLL

ROLLING CONTACT LOADS
 GS LOADS (FORCES)
 . DYNAMIC LOADS
 . . **ROLLING CONTACT LOADS**
 RT ANTI-FRICTION BEARINGS
 STRESSES
 STRUCTURAL DESIGN CRITERIA

ROLLING MOMENTS
 GS MOMENTS
 . STABILITY DERIVATIVES

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ROLLING MOMENTS-(CONT.)
 . . **ROLLING MOMENTS**
 RT AERODYNAMIC COEFFICIENTS
 LATERAL STABILITY
 MOMENTS OF INERTIA
 PITCHING MOMENTS
 ROLL
 TORQUE
 YAWING MOMENTS

ROLLUP SOLAR ARRAYS
 USE SOLAR ARRAYS

ROMANIA
 USE RUMANIA

RONCHI TEST
 GS INTERFEROMETRY
 . **RONCHI TEST**
 RT ELECTROMAGNETIC RADIATION
 GRATINGS (SPECTRA)
 INTERFEROMETERS
 MEASURING INSTRUMENTS
 OPTICAL MEASUREMENT

ROOFS
 RT ∞ BUILDINGS
 SHEATHS

ROOM TEMPERATURE
 GS TEMPERATURE
 . **ROOM TEMPERATURE**
 RT AMBIENT TEMPERATURE
 OPERATING TEMPERATURE

ROOMS
 GS **ROOMS**
 . CLEAN ROOMS
 . DARKROOMS
 RT COMPARTMENTS
 ENCLOSURES
 ∞ LOUNGES

ROOT-MEAN-SQUARE ERRORS
 GS ERRORS
 . **ROOT-MEAN-SQUARE ERRORS**
 RT ERROR ANALYSIS
 STATISTICAL ANALYSIS

∞ **ROOTS**
 SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)*
 RT PLANT ROOTS
 RADICALS
 ROOTS OF EQUATIONS
 WING ROOTS

ROOTS OF EQUATIONS
 UF ZERO CROSSINGS
 RT EIGENVALUES
 ∞ EQUATIONS
 EXISTENCE THEOREMS
 MATRICES (MATHEMATICS)
 NONLINEAR EQUATIONS
 POLYNOMIALS
 ∞ ROOTS

RORSCHACH TESTS
 GS PSYCHOLOGICAL TESTS
 . **RORSCHACH TESTS**
 RT MENTAL HEALTH
 PSYCHOLOGY

ROSETTE SHAPES
 GS SHAPES
 . **ROSETTE SHAPES**
 RT ANTENNA RADIATION PATTERNS
 CRYSTALLITES
 SPHERULITES
 STRAIN GAGES

ROSHKO PREDICTION
 GS PREDICTIONS
 . **ROSHKO PREDICTION**
 RT BLUFF BODIES
 LAMINAR FLOW
 OSEEN APPROXIMATION
 THREE DIMENSIONAL FLOW

ROSIN
 GS GUMS (SUBSTANCES)
 . **ROSIN**
 RT ORGANIC MATERIALS

ROSS ICE SHELF

- GS REGIONS
 - . POLAR REGIONS
 - . ANTARCTIC REGIONS
 - . **ROSS ICE SHELF**
- SOUTHERN HEMISPHERE
- . ANTARCTIC REGIONS
- . **ROSS ICE SHELF**
- RT MCMURDO SOUND

ROSSBY REGIMES

- RT BAROTROPIC FLOW
- PLANETARY WAVES

ROSSBY WAVES

- USE PLANETARY WAVES

ROTARY DRIVES

- USE MECHANICAL DRIVES

ROTARY GYROSCOPES

- GS GYROSCOPES
 - . **ROTARY GYROSCOPES**
- . FLUID ROTOR GYROSCOPES
- RT GYROSCOPE FLUIDS
- GYROSCOPIC STABILITY
- ROTATING BODIES

ROTARY STABILITY

- UF WHIRL INSTABILITY
- GS DYNAMIC CHARACTERISTICS
 - . DYNAMIC STABILITY
 - . MOTION STABILITY
 - . **ROTARY STABILITY**
 - . . . GYROSCOPIC STABILITY
- STABILITY
 - . DYNAMIC STABILITY
 - . MOTION STABILITY
 - . **ROTARY STABILITY**
 - . . . GYROSCOPIC STABILITY
- RT DIRECTIONAL STABILITY
- FLOW STABILITY
- LATERAL STABILITY
- LONGITUDINAL STABILITY
- ROTATING BODIES
- ROTATION

ROTARY WING AIRCRAFT

- UF ROTORCRAFT
- GS V/STOL AIRCRAFT
 - . **ROTARY WING AIRCRAFT**
 - . . . AUTOGYROS
 - . . . AVIAN 2/180 AUTOGIRO
 - . . . BENSON B-8M AUTOGYRO
 - . . . WA-116 AUTOGIRO
 - . . . HELICOPTERS
 - . . . ALOUETTE HELICOPTERS
 - . . . SA-330 HELICOPTER
 - . . . SE-3160 HELICOPTER
 - . . . BELL 214A HELICOPTER
 - . . . BO P-310 HELICOPTER
 - . . . BO-105 HELICOPTER
 - . . . CH-21 HELICOPTER
 - . . . COMPOUND HELICOPTERS
 - . . . FIAT 7002 HELICOPTER
 - . . . GRASSHOPPER HELICOPTER
 - . . . H-17 HELICOPTER
 - . . . H-54 HELICOPTER
 - . . . HC-3 HELICOPTER
 - . . . HILLER 1123 HELICOPTER
 - . . . KH-4 HELICOPTER
 - . . . MILITARY HELICOPTERS
 - . . . AH-64 HELICOPTER
 - . . . CH-3 HELICOPTER
 - . . . CH-34 HELICOPTER
 - . . . CH-46 HELICOPTER
 - . . . CH-47 HELICOPTER
 - . . . CH-54 HELICOPTER
 - . . . H-43 HELICOPTER
 - . . . H-53 HELICOPTER
 - . . . H-56 HELICOPTER
 - . . . H-60 HELICOPTER
 - . . . HEAVY LIFT HELICOPTERS
 - . . . CH-62 HELICOPTER
 - . . . HH-43 HELICOPTER
 - . . . OH-4 HELICOPTER
 - . . . OH-5 HELICOPTER
 - . . . OH-6 HELICOPTER
 - . . . OH-13 HELICOPTER
 - . . . OH-23 HELICOPTER
 - . . . OH-58 HELICOPTER
 - . . . QH-50 HELICOPTER
 - . . . S-58 HELICOPTER
 - . . . S-61 HELICOPTER
 - . . . SA-330 HELICOPTER

ROTARY WING AIRCRAFT-(CONT.)

- . . . SA-3210 HELICOPTER
- . . . SH-34 HELICOPTER
- . . . UH-1 HELICOPTER
- . . . UH-2 HELICOPTER
- . . . UH-34 HELICOPTER
- . . . UH-60A HELICOPTER
- . . . UH-61A HELICOPTER
- . . . NH-41 HELICOPTER
- . . . P-531 HELICOPTER
- . . . RIGID ROTOR HELICOPTERS
- . . . CH-3 HELICOPTER
- . . . F-28 HELICOPTER
- . . . XH-51 HELICOPTER
- . . . SH-3 HELICOPTER
- . . . SH-4 HELICOPTER
- . . . SIEMETZKI T-3 HELICOPTER
- . . . SIKORSKY WHIRLWIND HELICOPTER
- . . . TANDEM ROTOR HELICOPTERS
- . . . CH-46 HELICOPTER
- . . . CH-47 HELICOPTER
- . . . H-25 HELICOPTER
- . . . TH-55 HELICOPTER
- . . . V-2 HELICOPTER
- . . . WESTLAND WHIRLWIND HELICOPTER
- . . . WF S-64 HELICOPTER
- . . . XV-9A AIRCRAFT
- . . . TILT ROTOR AIRCRAFT
- . . . XV-15 AIRCRAFT
- RT ∞ AIRCRAFT
 - . . . AUTOROTATION
 - . . . COMMERCIAL AIRCRAFT
 - . . . LIFTING ROTORS
 - . . . MILITARY AIRCRAFT
 - . . . PASSENGER AIRCRAFT
 - . . . SHORT TAKEOFF AIRCRAFT
 - . . . SUBSONIC AIRCRAFT
 - . . . TRANSPORT AIRCRAFT
 - . . . VERTICAL TAKEOFF AIRCRAFT
 - . . . WESER AIRCRAFT
 - . . . WESTLAND AIRCRAFT

ROTARY WINGS

- UF HELICOPTER ROTORS
- GS HINGED ROTOR BLADES
- AIRFOILS
 - . WINGS
 - . **ROTARY WINGS**
 - . . . LIFTING ROTORS
 - . . . BEARINGLESS ROTORS
 - . . . RIGID ROTORS
 - . . . TILTING ROTORS
 - . . . TIP DRIVEN ROTORS
 - . . . ROTATING BODIES
 - . . . ROTORS
 - . . . **ROTARY WINGS**
 - . . . CIRCULATION CONTROL ROTORS
 - . . . LIFTING ROTORS
 - . . . BEARINGLESS ROTORS
 - . . . RIGID ROTORS
 - . . . TILTING ROTORS
 - . . . TIP DRIVEN ROTORS
 - . . . X WING ROTORS
- RT BLADE TIPS
 - . . . BLADES
 - . . . FAN BLADES
 - . . . FLAPPING HINGES
 - . . . FOLDING STRUCTURES
 - . . . HELICOPTER PROPELLER DRIVE
 - . . . HELICOPTER TAIL ROTORS
 - . . . LIFT FANS
 - . . . PROPELLER BLADES
 - . . . ROTOR BLADES
 - . . . TAIL ROTORS
 - . . . TILT ROTOR RESEARCH AIRCRAFT PROGRAM

ROTATING

- USE ROTATION

ROTATING BODIES

- UF ROTATING VEHICLES
- SOLID ROTATION
- GS **ROTATING BODIES**
 - . . . LUNAR ROTATION
 - . . . ROTATING CYLINDERS
 - . . . ROTATING DISKS
 - . . . ROTATING SPHERES
 - . . . ROTORS
 - . . . COMPRESSOR ROTORS
 - . . . FLYWHEELS
 - . . . IMPELLERS
 - . . . PUMP IMPELLERS
 - . . . ROTARY WINGS

ROTATING BODIES-(CONT.)

- . . . CIRCULATION CONTROL ROTORS
- . . . LIFTING ROTORS
- . . . BEARINGLESS ROTORS
- . . . RIGID ROTORS
- . . . TILTING ROTORS
- . . . TIP DRIVEN ROTORS
- . . . X WING ROTORS
- . . . TAIL ROTORS
- . . . HELICOPTER TAIL ROTORS
- . . . TURBINE WHEELS
- RT AXES OF ROTATION
 - . . . BODIES
 - . . . PLANETARY ROTATION
 - . . . ROCHE LIMIT
 - . . . ROTARY GYROSCOPES
 - . . . ROTARY STABILITY
 - . . . ROTATION
 - . . . SPINNING UNGUIDED ROCKET TRAJECTORY

ROTATING CYLINDERS

- GS ROTATING BODIES
 - . **ROTATING CYLINDERS**
 - . . . SYMMETRICAL BODIES
 - . . . BODIES OF REVOLUTION
 - . . . CYLINDRICAL BODIES
 - . . . **ROTATING CYLINDERS**
- RT COUETTE FLOW
 - . . . CYLINDERS
 - . . . CYLINDRICAL SHELLS
 - . . . ELASTOHYDRODYNAMICS
 - . . . MAGNUS EFFECT
 - . . . SHAFTS (MACHINE ELEMENTS)
 - . . . VISCOMETERS
 - . . . VISCOMETRY

ROTATING DISKS

- GS DISKS (SHAPES)
 - . **ROTATING DISKS**
 - . . . ROTATING BODIES
 - . . . **ROTATING DISKS**
- RT COUNTER ROTATION
- KARMAN-BODEWADT FLOW

 ∞ **ROTATING ELECTRICAL MACHINES**

- SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)*
- RT ARMATURES
- COMMUTATORS
- ELECTRIC HYBRID VEHICLES
- ELECTRIC MOTORS
- INDUCTION MOTORS
- ROTATING GENERATORS
- ROTORS
- SERVOMOTORS
- STATORS

ROTATING ENVIRONMENTS

- GS ENVIRONMENTS
 - . **ROTATING ENVIRONMENTS**
- RT ARTIFICIAL GRAVITY
- BARANY CHAIR
- CORIOLIS EFFECT
- HIGH GRAVITY ENVIRONMENTS
- LANGLEY COMPLEX COORDINATOR
- SPACECRAFT ENVIRONMENTS
- TUMBLING MOTION

ROTATING FLUIDS

- GS **ROTATING FLUIDS**
 - . . . ROTATING LIQUIDS
- RT COUNTER ROTATION
 - . . . FLUIDS
 - . . . KARMAN-BODEWADT FLOW
 - . . . LIQUID SLOSHING
 - . . . PLANETARY WAVES
 - . . . SUPERROTATION
 - . . . TAYLOR INSTABILITY
 - . . . TRAPPED VORTEXES
 - . . . TURBULENT FLOW
 - . . . VORTEX SHEETS
 - . . . VORTICES
 - . . . WING TIP VORTICES

ROTATING GENERATORS

- UF DYNAMOS
- GS ELECTRIC GENERATORS
 - . **ROTATING GENERATORS**
 - . . . AMPLIDYNES
 - . . . DYNAMOMETERS
 - . . . HOMOPOLAR GENERATORS
 - . . . STATIC ALTERNATORS
 - . . . TURBOGENERATORS

ROTATING LIQUIDS

ROTATING GENERATORS-(CONT.)

... ASTEC SOLAR TURBOELECTRIC GENERATOR
RT COMMUTATORS
ELECTROSTATIC GENERATORS
∞ GENERATORS
∞ ROTATING ELECTRICAL MACHINES
TURBINES
TURBOMACHINERY

ROTATING LIQUIDS

UF LIQUID ROTATION
GS LIQUIDS
... ROTATING LIQUIDS
ROTATING FLUIDS
... ROTATING LIQUIDS
RT PLANETARY WAVES
ROTATION
TRAPPED VORTEXES
VORTICES

ROTATING MATTER

RT MATTER (PHYSICS)
ROTATION
SPIN DYNAMICS

ROTATING MIRRORS

GS MIRRORS
... ROTATING MIRRORS
RT FRAMING CAMERAS
HIGH SPEED CAMERAS

ROTATING PLASMAS

GS GASES
... IONIZED GASES
... CHARGED PARTICLES
... ROTATING PLASMAS
PARTICLES
... CHARGED PARTICLES
... ENERGETIC PARTICLES
... PLASMAS (PHYSICS)
... ROTATING PLASMAS
RT DRIFT RATE
NONEQUILIBRIUM PLASMAS
PLASMA FLUX MEASUREMENT
THETA PINCH
TOROIDAL PLASMAS
TWO FLUID MODELS
ZETA PINCH

ROTATING SHAFTS

GS ROTATING SHAFTS
... SHAFTS (MACHINE ELEMENTS)
... TURBOSHAFTS

ROTATING SPHERES

GS ROTATING BODIES
... ROTATING SPHERES
SYMMETRICAL BODIES
... BODIES OF REVOLUTION
... SPHERES
... ROTATING SPHERES
RT EQUATORS
SPHERICAL SHELLS

ROTATING STALLS

RT BOUNDARY LAYER SEPARATION
COMPRESSOR BLADES
∞ ROTOR BLADES
TURBOCOMPRESSORS

ROTATING VEHICLES

USE ROTATING BODIES
VEHICLES

ROTATION

UF ROTATING
WHIRL
WHIRLING
GS GYRATION
... ROTATION
... AUTOROTATION
... COUNTER ROTATION
... EARTH ROTATION
... MOLECULAR ROTATION
... MUON SPIN ROTATION
... PLANETARY ROTATION
... SATELLITE ROTATION
... STELLAR ROTATION
... SOLAR ROTATION
RT ANGULAR ACCELERATION
ANGULAR VELOCITY
AXES OF ROTATION
CIRCULATION

ROTATION-(CONT.)

CORIOLIS EFFECT
CROSS POLARIZATION
FARADAY EFFECT
IMAGE ROTATION
LIBRATION
∞ MOTION
NUTATION
PITCH (INCLINATION)
POLARIZATION (SPIN ALIGNMENT)
POLARIZATION (WAVES)
PRECESSION
REVOLVING
ROLL
ROTARY STABILITY
ROTATING BODIES
ROTATING LIQUIDS
ROTATING MATTER
ROTONS
TORQUE
VORTEX AVOIDANCE
VORTICES
YAW

ROTATIONAL FLOW

USE FLUID FLOW
VORTICES

ROTIFERA

GS ANIMALS
... INVERTEBRATES
... PROTOZOA
... PARAMECIA
... ROTIFERA
MICROORGANISMS
... PROTOZOA
... PARAMECIA
... ROTIFERA

ROTOCHUTES

GS PARACHUTES
... ROTOCHUTES
RT AUTOROTATION

ROTONS

GS FLUID MECHANICS
... FLUID DYNAMICS
... ROTOCHUTES
RT ACTIVATION ENERGY
EXCITATION
PHOTONS
ROTATION

ROTOR AERODYNAMICS

GS FLUID MECHANICS
... FLUID DYNAMICS
... GAS DYNAMICS
... AERODYNAMICS
... Rotor AERODYNAMICS
RT FLAPPING
FLAPPING HINGES
ROTORS

∞ ROTOR BLADES

SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED-CONSULT THE TERMS LISTED BELOW)*
RT HELICOPTER TAIL ROTORS
ROTARY WINGS
ROTATING STALLS
ROTOR BLADES (TURBOMACHINERY)
TAIL ROTORS
X WING ROTORS

ROTOR BLADES (TURBOMACHINERY)

UF IMPELLER BLADES
GS TURBOMACHINE BLADES
... Rotor BLADES (TURBOMACHINERY)
RT AIRFOILS
BLADE TIPS
∞ BLADES
COMPRESSOR BLADES
COMPRESSOR ROTORS
IMPELLERS
∞ ROTOR BLADES
ROTORS
STATOR BLADES
TURBINE BLADES

ROTOR DISKS

USE TURBINE WHEELS

NASA THESAURUS (VOLUME 1)

ROTOR HUBS

USE HUBS
ROTORS

ROTOR LIFT

GS AERODYNAMIC CHARACTERISTICS
... LIFT
... Rotor LIFT
AERODYNAMIC FORCES
... LIFT
... Rotor LIFT
DYNAMIC CHARACTERISTICS
... LIFT
... Rotor LIFT
RT DISTRIBUTION (PROPERTY)

ROTOR SPEED

GS RATES (PER TIME)
... Rotor SPEED
VELOCITY
... Rotor SPEED
RT ANGULAR VELOCITY
HIGH SPEED
LABYRINTH SEALS
TIP SPEED

ROTOR SYSTEMS RESEARCH AIRCRAFT

GS RESEARCH AIRCRAFT
... Rotor SYSTEMS RESEARCH AIRCRAFT
RT ∞ AIRCRAFT
AIRCRAFT DESIGN
HELICOPTERS
NASA PROGRAMS

ROTORCRAFT

USE ROTARY WING AIRCRAFT

ROTORCRAFT AIRCRAFT

GS RotorCRAFT AIRCRAFT
... GRASSHOPPER HELICOPTER
RT ∞ AIRCRAFT

ROTORS

UF ROTOR HUBS
GS ROTATING BODIES
... ROTORS
... COMPRESSOR ROTORS
... FLYWHEELS
... IMPELLERS
... PUMP IMPELLERS
... ROTARY WINGS
... CIRCULATION CONTROL ROTORS
... LIFTING ROTORS
... BEARINGLESS ROTORS
... RIGID ROTORS
... TILTING ROTORS
... TIP DRIVEN ROTORS
... X WING ROTORS
... TAIL ROTORS
... HELICOPTER TAIL ROTORS
... TURBINE WHEELS
RT AIRFOILS
ARMATURES
CENTRIFUGAL COMPRESSORS
HEAVY LIFT AIRSHIPS
∞ ROTATING ELECTRICAL MACHINES
ROTOR AERODYNAMICS
ROTOR BLADES (TURBOMACHINERY)
STATORS
TURBINES
TURBOCOMPRESSORS
TURBOMACHINE BLADES
TURBOSHAFTS
WHEELS
WINGS

ROUGHNESS

GS ROUGHNESS
... SEA ROUGHNESS
... SURFACE-ROUGHNESS
RT COARSENESS
CONTOURS
FLATNESS
MECHANICAL PROPERTIES
MOTION STABILITY
PROFILOMETERS
SMOOTHING
SURFACE PROPERTIES

ROUND TRIP TRAJECTORIES

GS TRAJECTORIES
... ROUND TRIP TRAJECTORIES
... CIRCUMLUNAR TRAJECTORIES
RT EARTH-MOON TRAJECTORIES

ROUND TRIP TRAJECTORIES-(CONT.)

INTERORBITAL TRAJECTORIES
 INTERPLANETARY FLIGHT
 INTERPLANETARY TRAJECTORIES
 MOON-EARTH TRAJECTORIES
 ORBITAL MECHANICS
 SPACECRAFT TRAJECTORIES
 SWINGBY TECHNIQUE

ROUSE BELTS

RT ∞ BELTS
 CONES (VOLCANOES)
 EARTHQUAKES
 GEOLOGICAL FEATURES
 MARS VOLCANOES
 SEISMOLOGY
 TREMORS
 VOLCANOES
 VOLCANOLOGY

ROUTES

RT AIR TRAFFIC CONTROL
 FLIGHT PLANS
 ∞ PATHS
 SITE SELECTION
 TRANSPORTATION

∞ ROUTINES

SN *(USE OF A MORE SPECIFIC TERM IS
 RECOMMENDED--CONSULT THE TERMS
 LISTED BELOW)*
 RT COMPUTER PROGRAMS
 COMPUTER SYSTEMS PROGRAMS
 DATA CONVERSION ROUTINES
 INPUT/OUTPUT ROUTINES
 MERGING ROUTINES
 OPERATING SYSTEMS (COMPUTERS)
 USER MANUALS (COMPUTER
 PROGRAMS)

ROVER PROJECT

GS PROGRAMS
 . NASA PROGRAMS
 . **ROVER PROJECT**
 . PROJECTS
 . **ROVER PROJECT**
 RT KIWI REACTORS
 NUCLEAR ENGINE FOR ROCKET
 VEHICLES
 NUCLEAR PROPULSION
 NUCLEAR REACTORS
 RIFT (REACTOR IN FLIGHT TEST)
 ROCKET ENGINE DESIGN
 SPACECRAFT PROPULSION

ROVING VEHICLES

UF EXTRATERRESTRIAL ROVING VEHICLES
 GS SURFACE VEHICLES
 . **ROVING VEHICLES**
 . . LUNAR ROVING VEHICLES
 . . . LUNOKHOD LUNAR ROVING
 VEHICLES
 RT PLANETARY LANDING
 PLANETARY SURFACES
 RESEARCH VEHICLES
 TOROIDAL WHEELS
 ∞ VEHICLES

∞ ROVINGS

SN *(USE OF A MORE SPECIFIC TERM IS
 RECOMMENDED--CONSULT THE TERMS
 LISTED BELOW)*
 RT COMPOSITE MATERIALS
 PROVING
 WEBS (SHEETS)
 YARNS

ROWLAND CIRCLES

RT GRATINGS (SPECTRA)
 OPTICAL FILTERS

RP-1 ROCKET PROPELLANTS

GS FUELS
 . CHEMICAL FUELS
 . . HYDROCARBON FUELS
 . . . **RP-1 ROCKET PROPELLANTS**
 LIQUID FUELS
 . . . LIQUID ROCKET PROPELLANTS
 . . **RP-1 ROCKET PROPELLANTS**
 . . . LIQUID FUELS
 LIQUIDS
 . LIQUID ROCKET PROPELLANTS
 . . **RP-1 ROCKET PROPELLANTS**
 . . . LIQUID FUELS
 PROPELLANTS

RP-1 ROCKET PROPELLANTS-(CONT.)

. ROCKET PROPELLANTS
 . . LIQUID ROCKET PROPELLANTS
 . . . **RP-1 ROCKET PROPELLANTS**
 STORABLE PROPELLANTS
 . . **RP-1 ROCKET PROPELLANTS**
 RT JP-4 JET FUEL
 KEROSENE

RPV

USE REMOTELY PILOTED VEHICLES

RTV-40 RUBBER (TRADEMARK)

GS RUBBER
 . SILICONE RUBBER
 . **RTV-40 RUBBER (TRADEMARK)**
 . . SYNTHETIC RUBBERS
 . . **RTV-40 RUBBER (TRADEMARK)**

RTV-60 RUBBER (TRADEMARK)

GS RUBBER
 . SILICONE RUBBER
 . **RTV-60 RUBBER (TRADEMARK)**
 . . SYNTHETIC RUBBERS
 . . **RTV-60 RUBBER (TRADEMARK)**

RUANDA-URUNDI

USE BURUNDI
 RWANDA

RUBBER

GS **RUBBER**
 . ADIPRENE (TRADEMARK)
 . LATEX
 . SILICONE RUBBER
 . . RTV-40 RUBBER (TRADEMARK)
 . . RTV-60 RUBBER (TRADEMARK)
 . . SYNTHETIC RUBBERS
 . . BUNA (TRADEMARK)
 . . ELASTOMERS
 . . . CHLOROPRENE RESINS
 . . . THIOPLASTICS
 . . . VITON RUBBER (TRADEMARK)
 . . . VULCANIZED ELASTOMERS
 . . RTV-40 RUBBER (TRADEMARK)
 . . RTV-60 RUBBER (TRADEMARK)
 RT GUAYULE
 GUMS (SUBSTANCES)
 ORGANIC MATERIALS
 POLYISOPRENES

RUBBER COATINGS

GS COATINGS
 . **RUBBER COATINGS**
 RT PAINTS
 PROTECTIVE COATINGS

RUBIDIUM

GS CHEMICAL ELEMENTS
 . ALKALI METALS
 . **RUBIDIUM**
 . . RUBIDIUM ISOTOPES
 . . . RUBIDIUM 86
 METALS
 . ALKALI METALS
 . **RUBIDIUM**
 . . RUBIDIUM ISOTOPES
 . . . RUBIDIUM 86

RUBIDIUM COMPOUNDS

RT ∞ ALKALI METAL COMPOUNDS
 ∞ METAL COMPOUNDS

RUBIDIUM ISOTOPES

GS CHEMICAL ELEMENTS
 . ALKALI METALS
 . . RUBIDIUM
 . . . **RUBIDIUM ISOTOPES**
 RUBIDIUM 86
 NUCLIDES
 . . . ISOTOPES
 **RUBIDIUM ISOTOPES**
 RUBIDIUM 86
 METALS
 . ALKALI METALS
 . . RUBIDIUM
 . . . **RUBIDIUM ISOTOPES**
 RUBIDIUM 86

RUBIDIUM 86

GS CHEMICAL ELEMENTS
 . ALKALI METALS
 . . RUBIDIUM
 . . . RUBIDIUM ISOTOPES
 **RUBIDIUM 86**

RUBIDIUM 86-(CONT.)

. NUCLIDES
 . . ISOTOPES
 . . . RADIOACTIVE ISOTOPES
 **RUBIDIUM 86**
 . . . RUBIDIUM ISOTOPES
 **RUBIDIUM 86**
 METALS
 . ALKALI METALS
 . . RUBIDIUM
 . . . RUBIDIUM ISOTOPES
 **RUBIDIUM 86**

RUBIS ROCKET VEHICLE

GS ROCKET VEHICLES
 . MULTISTAGE ROCKET VEHICLES
 . . **RUBIS ROCKET VEHICLE**
 RT SOLID PROPELLANT ROCKET ENGINES

RUBY

RT ALUMINUM OXIDES
 CRYSTALS

RUBY LASERS

GS ELECTRONIC EQUIPMENT
 . SOLID STATE DEVICES
 . . SOLID STATE LASERS
 . . . **RUBY LASERS**
 STIMULATED EMISSION DEVICES
 . . . LASERS
 SOLID STATE LASERS
 **RUBY LASERS**
 RT PULSED LASERS
 Q SWITCHED LASERS
 VERNEUIL PROCESS

RUDDERS

GS CONTROL SURFACES
 . **RUDDERS**
 . . AERIAL RUDDERS
 . . . MARINE RUDDERS
 RT AIRFOILS
 FINS
 PINTLES
 STABILIZERS (FLUID DYNAMICS)
 SWEEPBACK TAIL SURFACES
 TABS (CONTROL SURFACES)
 TAIL ASSEMBLIES
 TAIL SURFACES
 TRAPEZOIDAL TAIL SURFACES

RUGGEDNESS

RT DURABILITY
 ∞ HIGH RESISTANCE
 MECHANICAL PROPERTIES
 PHYSIOLOGY
 ∞ RIGIDITY

RULER METHOD

RT ∞ METHODOLOGY

RULES

GS **RULES**
 . FLIGHT RULES
 . . INSTRUMENT FLIGHT RULES
 . . . VISUAL FLIGHT RULES
 . . . PALMGREN-MINER RULE
 . . . PHASE RULE
 . . . SELECTION RULES (NUCLEAR
 PHYSICS)
 . . . SUM RULES
 . . . WHITHAM RULE
 RT LAWS
 PATENT POLICY
 POLICIES
 PROCUREMENT POLICY
 REGULATIONS
 SEA LAW

RUMANIA

UF ROMANIA
 RT BLACK SEA
 CENTRAL EUROPE
 EUROPE
 NATIONS

RUN TIME (COMPUTERS)

RT COMPUTER PROGRAMMING
 COMPUTERS
 TIME SHARING

RUNGE-KUTTA METHOD

GS ANALYSIS (MATHEMATICS)
 . NUMERICAL ANALYSIS

RUNNING

RUNGE-KUTTA METHOD-(CONT.)

- . . . NUMERICAL INTEGRATION
- . . . **RUNGE-KUTTA METHOD**
- . . . REAL VARIABLES
- . . . MEASURE AND INTEGRATION
- . . . NUMERICAL INTEGRATION
- . . . **RUNGE-KUTTA METHOD**

RUNNING

- RT ∞ OPERATIONS
- PHYSICAL EXERCISE

RUNOFFS

- USE DRAINAGE

RUNWAY ALIGNMENT

- SN (ALIGNMENT WITH RUNWAYS--NOT ALIGNMENT OF RUNWAYS)
- RT AIRCRAFT LANDING TAKEOFF RUNS

RUNWAY CONDITIONS

- GS CONDITIONS
- . **RUNWAY CONDITIONS**
- RT ICE
- RUNWAYS
- SLUSH
- SURFACE ROUGHNESS
- WATER
- WEATHER

RUNWAY LIGHTS

- GS LANDING AIDS
- . AIRPORT LIGHTS
- . **RUNWAY LIGHTS**
- LIGHTING EQUIPMENT
- LUMINAIRES
- . AIRPORT LIGHTS
- . . . **RUNWAY LIGHTS**
- RT APPROACH CONTROL
- ∞ FLARES
- ∞ MARKERS
- RUNWAYS
- SEARCHLIGHTS
- VISUAL CONTROL

RUNWAYS

- RT AIRFIELD SURFACE MOVEMENTS
- AIRPORTS
- LANDING
- LANDING AIDS
- LANDING MATS
- LANDING SITES
- PAVEMENTS
- RUNWAY CONDITIONS
- RUNWAY LIGHTS
- ∞ STRIP
- TAKEOFF
- TAXIING

RUPTURING

- RT ∞ BLISTERS
- BURSTS
- CRACKING (FRACTURING)
- DISRUPTING
- FAILURE
- FRACTURE MECHANICS
- METAL FATIGUE
- SELF SEALING
- STRUCTURAL STRAIN
- TEARING

RURAL AREAS

- RT AGRICULTURE
- FARMLANDS
- GRASSLANDS
- LAND
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- RANGELANDS
- REGIONAL PLANNING
- RESIDENTIAL AREAS
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- WILDERNESS

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- GS LAND USE
- . **RURAL LAND USE**
- RT AGRICULTURE
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- ∞ DEVELOPMENT
- EARTH RESOURCES
- FARMLANDS
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- LAND
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- RANGELANDS
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- SITES

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- UF RUSTS (BOTANY)
- GS FUNGI
- . **RUST FUNGI**
- RT BLIGHT
- ∞ MOLD
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- GS CHEMICAL REACTIONS
- . OXIDATION
- . . **RUSTING**
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- . **RUSTING**
- RT ATMOSPHERIC EFFECTS
- CHEMICAL ATTACK
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- CORROSION RESISTANCE
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- DESENSITIZING
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- USE RUST FUNGI

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- GS CHEMICAL ELEMENTS
- . **RUTHENIUM**
- . . RUTHENIUM ISOTOPES
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- . **RUTHENIUM**
- . . RUTHENIUM ISOTOPES
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- . **RUTHENIUM**
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RUTHENIUM ALLOYS

- GS ALLOYS
- . **RUTHENIUM ALLOYS**

RUTHENIUM COMPOUNDS

- RT ∞ CHEMICAL COMPOUNDS
- ∞ COMPOUNDS
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RUTHENIUM ISOTOPES

- UF RUTHENIUM 106
- GS CHEMICAL ELEMENTS
- . NUCLIDES
- . . ISOTOPES
- . . **RUTHENIUM ISOTOPES**
- . RUTHENIUM
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- . RUTHENIUM
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- USE RUTHENIUM ISOTOPES

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- GS CHALCOGENIDES
- . OXIDES
- . . METAL OXIDES
- . . . TITANIUM OXIDES
- . . . **RUTILE**
- TITANIUM COMPOUNDS
- . TITANIUM OXIDES
- . . **RUTILE**
- RT ANATASE
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- UF RUANDA-URUNDI
- RT AFRICA
- BURUNDI
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RYAN AIRCRAFT

- UF RYAN MILITARY AIRCRAFT
- GS **RYAN AIRCRAFT**
- . FIREBEE 2 TARGET DRONE AIRCRAFT
- . VZ-3 AIRCRAFT
- . X-13 AIRCRAFT
- . XC-142 AIRCRAFT
- . XV-5 AIRCRAFT
- . XV-8A AIRCRAFT
- RT ∞ AIRCRAFT

RYAN MILITARY AIRCRAFT

- USE RYAN AIRCRAFT

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- GS SPECTRA
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- . . . **RYDBERG SERIES**
- RT ABSORPTION SPECTRA
- ATOMIC SPECTRA
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R5D AIRCRAFT

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S

S BAND

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- GS GEOMETRY
- . CURVES (GEOMETRY)
- . . **S CURVES**
- . . . GOMPERTZ CURVES
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- . . ANALYTIC GEOMETRY
- . . . **S CURVES**
- . . . GOMPERTZ CURVES

S GLASS

- GS GLASS
- . E GLASS
- . . **S GLASS**
- RT SILICON DIOXIDE

S MATRIX THEORY

- UF SCATTERING MATRIX
- RT OPERATORS (MATHEMATICS)
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S STARS

- GS CELESTIAL BODIES
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- . . **S STARS**
- . . . GIANT STARS
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S WAVES

- UF SECONDARY WAVES
- SHEAR DISTURBANCES
- SHEAR WAVES
- GS ELASTIC WAVES
- . **S WAVES**
- RT CRUSTAL FRACTURES
- DILATATIONAL WAVES
- P WAVES

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GS DIAGRAMS
RT **S-N DIAGRAMS**
BENDING FATIGUE
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FATIGUE LIFE
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S-2 AIRCRAFT

UF SNOW AERIAL APPLICATOR AIRCRAFT
S-2B
SNOW S-2 AIRCRAFT
US-2A AIRCRAFT
GS MONOPLANES
RT **S-2 AIRCRAFT**
SNOW AIRCRAFT
S-2 AIRCRAFT
UTILITY AIRCRAFT
S-2 AIRCRAFT

S-3 AIRCRAFT

GS ANTISUBMARINE WARFARE AIRCRAFT
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S-3 SATELLITE

USE EXPLORER 12 SATELLITE

S-6 SATELLITE

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USE OSO-1

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S-27 SATELLITE

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S-49 SATELLITE

USE OGO-A

S-50 SATELLITE

USE OGO-C

S-51 SATELLITE

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S-58 HELICOPTER
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CH-34 HELICOPTER
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S-61 HELICOPTER

UF SIKORSKY S-61 HELICOPTER
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RT **S-61 HELICOPTER**
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S-61 HELICOPTER
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S-67 HELICOPTER

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S-74 SATELLITE

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SA-330 HELICOPTER

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SA-330 HELICOPTER

SA-3210 HELICOPTER

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TRANSPORT AIRCRAFT
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SAAB 91 AIRCRAFT
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SAAB 91 AIRCRAFT
SAAB AIRCRAFT
SAAB 91 AIRCRAFT

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GS JET AIRCRAFT
TURBOFAN AIRCRAFT
SAAB 105 AIRCRAFT
LIGHT AIRCRAFT
SAAB 105 AIRCRAFT
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SAAB 105 AIRCRAFT
SAAB AIRCRAFT
SAAB 105 AIRCRAFT
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SAAB 105 AIRCRAFT
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SAAB 401 AIR CUSHION VEHICLE

GS GROUND EFFECT MACHINES
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SAAB AIRCRAFT
SAAB 401 AIR CUSHION VEHICLE
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GS CHEMICAL REACTIONS
SABATIER REACTION
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SABOT PROJECTILES

GS PROJECTILES
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RT ACCIDENTS
AIR DEFENSE
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SABRE AIRCRAFT

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SACCADIC EYE MOVEMENTS

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SACCADIC EYE MOVEMENTS
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MOTION
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SACCHARIDES

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SACCHAROMYCES

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 RT ANTIMISSILE DEFENSE
 BALLISTIC MISSILES
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 SENTINEL SYSTEM
 ∞ SYSTEMS

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 GS **SAFETY**
 . AEROSPACE SAFETY
 . AIRCRAFT SAFETY
 . FLIGHT SAFETY
 . INDUSTRIAL SAFETY
 . RANGE SAFETY
 . REACTOR SAFETY
 RT ACCIDENT PREVENTION
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 CRASHES
 ∞ DETECTORS
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 ENERGY POLICY
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 GS **SAFETY DEVICES**
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 . AIR BAG RESTRAINT DEVICES
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 . EJECTION SEATS
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 . ESCAPE CAPSULES
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 . SPACE SUITS
 RT ACCIDENT PREVENTION
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 ∞ BARRIERS
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 ∞ DEVICES
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 FAIL-SAFE SYSTEMS
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SAGE AIR DEFENSE SYSTEM
 GS AIR DEFENSE
 . **SAGE AIR DEFENSE SYSTEM**

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 EXPERIMENT
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 . **SAGE SATELLITE**
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SAINT VENANT PRINCIPLE
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SALINITY
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 . **SALT BATHS**
 RT BRINES
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- SALTON SEA (CA)**
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 . SALTON SEA (CA)
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 RECOMMENDED--CONSULT THE TERMS
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 . RARE EARTH ELEMENTS
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GS RARE EARTH COMPOUNDS
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 METALS
 . RARE EARTH ELEMENTS
 . . . SAMARIUM
 . . . SAMARIUM ISOTOPES
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- SAMOS**
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 . SAMOS
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- SAMPLED DATA SYSTEMS**
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- SAMPLERS**
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RT ∞BOMBS
 CORE SAMPLING
 SAMPLES
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 SELECTORS
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- SAMPLES**
GS SAMPLES
 . MARS SURFACE SAMPLES
RT ACCEPTABILITY
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 . . . METEOROLOGICAL SATELLITES
 . . . SAN MARCO SATELLITE
 SAN MARCO 3 SATELLITE
 . EARTH SATELLITES
 . . . METEOROLOGICAL SATELLITES
 . . . SAN MARCO SATELLITE
 SAN MARCO 3 SATELLITE
RT SCOUT LAUNCH VEHICLE
- SAN MARCO 1 SATELLITE**
GS SATELLITES
 . ARTIFICIAL SATELLITES
 . . . METEOROLOGICAL SATELLITES
 . . . SAN MARCO 1 SATELLITE
 . EARTH SATELLITES
 . . . METEOROLOGICAL SATELLITES
 . . . SAN MARCO 1 SATELLITE
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GS SATELLITES
 . ARTIFICIAL SATELLITES
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 . . . METEOROLOGICAL SATELLITES
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GS SATELLITES
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 ... ISIS-A
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 ... IUE
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 ... NOAA 7 SATELLITE
 ... SAN MARCO SATELLITE
 ... SAN MARCO 3 SATELLITE
 ... SAN MARCO 1 SATELLITE
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 ... SMS 1
 ... SMS 2
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 SATELLITE
 ... SMS 1
 ... SMS 2
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 SATELLITES
 ... ITOS 1
 ... ITOS 2
 ... ITOS 3
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 ... ITOS SATELLITES
 ... ITOS 1
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 ... ITOS 3
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 ... LARGOS SATELLITE
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 ... GEOPHYSICAL SATELLITES
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 ... INTERCOSMOS SATELLITES
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 ... OGO-A
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 ... RADIATION AND METEOROID SATELLITE
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 ... GOES B (NOAA)
 ... GRAVSAT SATELLITE
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 ... NOAA 3 SATELLITE
 ... NOAA 4 SATELLITE
 ... NOAA 5 SATELLITE
 ... NOAA 6 SATELLITE
 ... SAN MARCO SATELLITE
 ... SAN MARCO 3 SATELLITE
 ... SAN MARCO 1 SATELLITE
 ... SAN MARCO 2 SATELLITE
 ... SEOCS (SATELLITE)
 ... SIRS B SATELLITE
 ... SPUTNIK 1 SATELLITE
 ... SPUTNIK 2 SATELLITE
 ... SPUTNIK 3 SATELLITE
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 ... SRET 1 SATELLITE
 ... SRET 2 SATELLITE
 ... SYNCHRONOUS EARTH OBSERVATORY SATELLITE
 ... SMS 1
 ... SMS 2
 ... SYNCHRONOUS METEOROLOGICAL SATELLITE
 ... SMS 1
 ... SMS 2
 ... TIROS SATELLITES
 ... IMPROVED TIROS OPERATIONAL SATELLITES
 ... ITOS 1
 ... ITOS 2
 ... ITOS 3
 ... ITOS 4
 ... ITOS SATELLITES
 ... ITOS 1
 ... ITOS 2
 ... ITOS 3
 ... ITOS 4
 ... TIROS K SATELLITE
 ... TIROS M
 ... TIROS N SATELLITE
 ... TIROS 1 SATELLITE
 ... TIROS 2 SATELLITE
 ... TIROS 3 SATELLITE
 ... TIROS 4 SATELLITE
 ... TIROS 5 SATELLITE
 ... TIROS 6 SATELLITE
 ... TIROS 7 SATELLITE
 ... TIROS 8 SATELLITE
 ... TIROS 9 SATELLITE
 ... TIROS 10 SATELLITE
 ... VANGUARD 2 SATELLITE
 ... MIDAS SATELLITES
 ... MIDAS 2 SATELLITE
 ... MIDAS 3 SATELLITE
 ... MIDAS 4 SATELLITE
 ... MIDAS 5 SATELLITE
 ... MIDAS 6 SATELLITE
 ... MIDAS 7 SATELLITE
 ... MOON
 ... MULTISPECTRAL RESOURCE SAMPLER
 ... NAVIGATION SATELLITES
 ... AEROSAT SATELLITES
 ... EXPLORER 22 SATELLITE

SATELLOIDS

SATELLITES-(CONT.)

NAVIGATION TECHNOLOGY
SATELLITES
NAVSTAR SATELLITES
NOVA SATELLITE
REFSAT
TRANSIT ATTITUDE CONTROL
SATELLITE
TRANSIT SATELLITES
TRANSIT 1A SATELLITE
TRANSIT 1B SATELLITE
TRANSIT 2A SATELLITE
TRANSIT 3B SATELLITE
TRANSIT 4A SATELLITE
TRANSIT 4B SATELLITE
TRANSIT 5A SATELLITE
OAO
OAO 1
OAO 2
OAO 3
ORBIS
ORBIS CAL SATELLITE
OV-1 SATELLITES
OV-2 SATELLITES
OV-3 SATELLITES
OV-4 SATELLITES
OV-5 SATELLITES
OV-6 SATELLITES
PAS
PASSIVE SATELLITES
BEACON SATELLITES
BEACON EXPLORER A
EXPLORER 22 SATELLITE
ECHO SATELLITES
ECHO 1 SATELLITE
ECHO 2 SATELLITE
LAGEOS (SATELLITE)
PAGEOS SATELLITE
PEGASUS SATELLITES
POLYOT SATELLITES
PROGNOZ SATELLITES
PROTON SATELLITES
PROTON 1 SATELLITE
PROTON 3 SATELLITE
PROTON 4 SATELLITE
SAGE SATELLITE
SARSAT
SAS
EXPLORER 53 SATELLITE
SAS-1
SAS-2
SAS-3
SCATHA SATELLITE
SCORE SATELLITE
SEASAT SATELLITES
SEASAT-A SATELLITE
SEASAT-B SATELLITE
SMALL SCIENTIFIC SATELLITES
SNAPSHOT SATELLITE
SOLAR POWER SATELLITES
SOLAR RADIATION 1 SATELLITE
SOLAR RADIATION 3 SATELLITE
SPUTNIK SATELLITES
SPUTNIK 1 SATELLITE
SPUTNIK 2 SATELLITE
SPUTNIK 3 SATELLITE
SPUTNIK 4 SATELLITE
SPUTNIK 5 SATELLITE
SPUTNIK 6 SATELLITE
SPUTNIK 7 SATELLITE
SPUTNIK 8 SATELLITE
SYNCHRONOUS SATELLITES
AEROS SATELLITE
AEROSAT SATELLITES
ANIK 1
ANIK 2
ANIK 3
GOES SATELLITES
GOES 1
GOES 2
GOES 3
GOES 4
GOES 5
SIRIO SATELLITE
STORMSAT SATELLITE
SYNCHRONOUS EARTH
OBSERVATORY SATELLITE
SMS 1
SMS 2
SYNCHRONOUS METEOROLOGICAL
SATELLITE
SMS 1
SMS 2
SYNCOM SATELLITES
EARLY BIRD SATELLITES
SYNCOM 1 SATELLITE

SATELLITES-(CONT.)

SYNCOM 2 SATELLITE
SYNCOM 3 SATELLITE
TD SATELLITES
TD-1 SATELLITE
TELSTAR SATELLITES
TELSTAR 1 SATELLITE
TELSTAR 2 SATELLITE
TETHERED SATELLITES
TIROS N SERIES SATELLITES
UHURU SATELLITE
VANGUARD SATELLITES
VANGUARD 1 SATELLITE
VANGUARD 2 SATELLITE
VANGUARD 3 SATELLITE
VELA SATELLITES
VENERA SATELLITES
VENERA 4 SATELLITE
VENERA 5 SATELLITE
VENERA 6 SATELLITE
VENERA 7 SATELLITE
VENERA 8 SATELLITE
VENERA 9 SATELLITE
VENERA 11 SATELLITE
VENERA 12 SATELLITE
NATURAL SATELLITES
AMALTHEA
CHARON
DEIMOS
GALILEAN SATELLITES
CALLISTO
GANYMEDE
MOON
SATURN SATELLITES
DIONE
ENCELADUS
HYPERION
IAPETUS
JANUS
MIMAS
PHOBOS
RHEA (ASTRONOMY)
TETHYS
TITAN
TRITON
SAMOS
SCIENTIFIC SATELLITES
ATS
ATS 1
ATS 2
ATS 3
ATS 4
ATS 5
ATS 6
ATS 7
ATS 8
AZUR SATELLITE
CANNONBALL 2 SATELLITE
DIAL SATELLITE
ENVIRONMENTAL RESEARCH
SATELLITES
ERS 17
ERS 18
INTASAT SATELLITE
EXOSAT SATELLITE
EXPLORER 45 SATELLITE
GRAVSAT SATELLITE
HAWKEYE SATELLITES
LZEEBE SATELLITE
MAGSAT A SATELLITE
MAGSAT SATELLITES
MAGSAT 1 SATELLITE
ORBIS
ORBIS CAL SATELLITE
OV-1 SATELLITES
OV-2 SATELLITES
OV-3 SATELLITES
OV-4 SATELLITES
OV-5 SATELLITES
SMALL SCIENTIFIC SATELLITES
UK SATELLITES
UK 4 SATELLITE
TDR SATELLITES
RT ∞ ASTRONAUTICS
CYLINDRICAL ANTENNAS
DOMESTIC SATELLITE COMMUNICATIONS
SYSTEMS
FLEET SATELLITE COMMUNICATION
SYSTEM
FLEXIBLE SPACECRAFT
HALO ORBIT SPACE STATION
HET EXPERIMENT
INTERPLANETARY SPACECRAFT
INTERSTELLAR SPACECRAFT
LUNAR SPACECRAFT
MANNED SPACECRAFT

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SATELLITES-(CONT.)

MARK 1 SPACECRAFT
MILITARY SPACECRAFT
NATIONAL OCEANIC SATELLITE SYSTEM
NOESS
ORBITAL MECHANICS
ORBITS
RECOVERABLE SPACECRAFT
RENDEZVOUS SPACECRAFT
SATELLITE NETWORKS
SATELLITE OBSERVATION
SATELLITE ORBITS
SATELLITE SOUNDING
SATELLITE TRACKING
SOLETTAS
SPACE CAPSULES
SPACE PROBES
SPACE STATIONS
SPACECRAFT LAUNCHING
SPIN STABILIZATION
SYNCHRONOUS COMMUNICATIONS
SATELLITE PROJ
TELECONFERENCING
UNIDENTIFIED FLYING OBJECTS
UNMANNED SPACECRAFT
VIKING ORBITER SPACECRAFT

SATELLOIDS

RT ARTIFICIAL SATELLITES
ORBITAL MECHANICS
PARKING ORBITS
 ∞ SPACECRAFT
SUSTAINER ROCKET ENGINES

SATURABLE REACTORS

UF SR (REACTORS)
GS ELECTRIC REACTORS
SATURABLE REACTORS
RT MAGNET COILS
MAGNETIC AMPLIFIERS
MAGNETIC CIRCUITS
MAGNETIC CORES
MAGNETIC SWITCHING
POWER REACTORS
TRANSFORMERS

SATURATED HYDROCARBONS

USE ALKANES

∞ SATURATION

SN (USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)
RT CONCENTRATION (COMPOSITION)
CONDENSING
CROWDING
DESATURATION
PENETRATION
PERMEATING
PRECIPITATION (CHEMISTRY)
PRECIPITATION (METEOROLOGY)
UNSATURATION (CHEMISTRY)
WETTING

SATURATION (CHEMISTRY)

RT CHEMICAL BONDS
PRECIPITATION (CHEMISTRY)
UNSATURATION (CHEMISTRY)

∞ SATURN

SN (USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)
RT SATURN (PLANET)
SATURN PROJECT

SATURN (PLANET)

GS CELESTIAL BODIES
PLANETS
GAS GIANT PLANETS
SATURN (PLANET)
RT DIONE
ENCELADUS
HYPERION
IAPETUS
JANUS
MIMAS
PHOBOS
RHEA (ASTRONOMY)
 ∞ SATURN
TETHYS
TITAN

SATURN ATMOSPHERE
GS ENVIRONMENTS

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SATURN ATMOSPHERE-(CONT.)

- . EXTRATERRESTRIAL ENVIRONMENTS
- . . . PLANETARY ENVIRONMENTS
- . . . PLANETARY ATMOSPHERES
- SATURN ATMOSPHERE
- RT ATMOSPHERIC COMPOSITION
- PLANETARY RADIATION

SATURN D LAUNCH VEHICLE

- GS LAUNCH VEHICLES
- . SATURN LAUNCH VEHICLES
- . . SATURN D LAUNCH VEHICLE
- . . . SATURN D LAUNCH VEHICLE
- ROCKET VEHICLES
- MULTISTAGE ROCKET VEHICLES
- SATURN LAUNCH VEHICLES
- SATURN D LAUNCH VEHICLE
- RT RL-10-A-3 ENGINE

SATURN LAUNCH VEHICLES

- GS LAUNCH VEHICLES
- . SATURN LAUNCH VEHICLES
- . . SATURN D LAUNCH VEHICLE
- . . . SATURN 1 LAUNCH VEHICLES
- SATURN 1 SA-1 LAUNCH VEHICLE
- SATURN 1 SA-2 LAUNCH VEHICLE
- SATURN 1 SA-3 LAUNCH VEHICLE
- SATURN 1 SA-4 LAUNCH VEHICLE
- SATURN 1 SA-5 LAUNCH VEHICLE
- SATURN 1 SA-6 LAUNCH VEHICLE
- SATURN 1 SA-7 LAUNCH VEHICLE
- SATURN 1 SA-8 LAUNCH VEHICLE
- SATURN 1 SA-9 LAUNCH VEHICLE
- SATURN 1 SA-10 LAUNCH VEHICLE
- SATURN 1B LAUNCH VEHICLES
- SATURN 2 LAUNCH VEHICLES
- SATURN 5 LAUNCH VEHICLES
- ROCKET VEHICLES
- MULTISTAGE ROCKET VEHICLES
- SATURN LAUNCH VEHICLES
- SATURN D LAUNCH VEHICLE
- SATURN 1 LAUNCH VEHICLES
- SATURN 1 SA-1 LAUNCH VEHICLE
- SATURN 1 SA-2 LAUNCH VEHICLE
- SATURN 1 SA-3 LAUNCH VEHICLE
- SATURN 1 SA-4 LAUNCH VEHICLE
- SATURN 1 SA-5 LAUNCH VEHICLE
- SATURN 1 SA-6 LAUNCH VEHICLE
- SATURN 1 SA-7 LAUNCH VEHICLE
- SATURN 1 SA-8 LAUNCH VEHICLE
- SATURN 1 SA-9 LAUNCH VEHICLE
- SATURN 1 SA-10 LAUNCH VEHICLE
- VEHICLE
- SATURN 1B LAUNCH VEHICLES
- SATURN 2 LAUNCH VEHICLES
- SATURN 5 LAUNCH VEHICLES
- RT APOLLO PROJECT
- F-1 ROCKET ENGINE
- RL-10 ENGINES

SATURN PROJECT

- GS PROGRAMS
- . NASA PROGRAMS
- . . SATURN PROJECT
- . . . PROJECTS
- SATURN PROJECT
- RT APOLLO APPLICATIONS PROGRAM
- APOLLO SPACECRAFT
- CENTAUR LAUNCH VEHICLE
- LAUNCH VEHICLES
- LUNAR LAUNCH
- PEGASUS SATELLITES
- RIFT (REACTOR IN FLIGHT TEST)
- VOYAGER PROJECT

SATURN RINGS

- GS CELESTIAL BODIES
- . SATURN RINGS
- RT GAS GIANT PLANETS
- JUPITER RINGS
- NATURAL SATELLITES
- PLANETARY ATMOSPHERES
- PLANETARY COMPOSITION
- PLANETARY SURFACES
- PLANETARY TEMPERATURE
- PLANETOLOGY
- PLANETS
- ∞ RINGS
- SOLAR SYSTEM

SATURN S-1 STAGE

- GS ROCKET VEHICLES
- . SATURN STAGES
- . . SATURN S-1 STAGE
- RT LIQUID PROPELLANT ROCKET ENGINES

SATURN S-1B STAGE

- GS ROCKET VEHICLES
- . SATURN STAGES
- . . SATURN S-1B STAGE
- RT LIQUID PROPELLANT ROCKET ENGINES

SATURN S-1C STAGE

- GS ROCKET VEHICLES
- . SATURN STAGES
- . . SATURN S-1C STAGE
- RT LIQUID PROPELLANT ROCKET ENGINES

SATURN S-2 STAGE

- GS ROCKET VEHICLES
- . SATURN STAGES
- . . SATURN S-2 STAGE
- RT LIQUID PROPELLANT ROCKET ENGINES

SATURN S-4 STAGE

- GS ROCKET VEHICLES
- . SATURN STAGES
- . . SATURN S-4 STAGE
- RT LIQUID PROPELLANT ROCKET ENGINES

SATURN S-4B STAGE

- GS ROCKET VEHICLES
- . SATURN STAGES
- . . SATURN S-4B STAGE
- RT LIQUID PROPELLANT ROCKET ENGINES

SATURN SATELLITES

- GS SATELLITES
- . NATURAL SATELLITES
- . . SATURN SATELLITES
- . . . DIONE
- . . . ENCELADUS
- . . . HYPERION
- . . . IAPETUS
- . . . JANUS
- . . . MIMAS
- . . . PHOBOS
- . . . RHEA (ASTRONOMY)
- . . . TETHYS
- . . . TITAN

SATURN STAGES

- GS ROCKET VEHICLES
- . SATURN STAGES
- . . SATURN S-1 STAGE
- . . . SATURN S-1B STAGE
- . . . SATURN S-1C STAGE
- . . . SATURN S-2 STAGE
- . . . SATURN S-4 STAGE
- . . . SATURN S-4B STAGE
- RT LIQUID PROPELLANT ROCKET ENGINES

SATURN WORKSHOPS

- GS SATURN WORKSHOPS
- . SATURN 1 WORKSHOP
- . . SATURN 5 WORKSHOP
- RT AIRLOCK MODULES
- APOLLO APPLICATIONS PROGRAM
- APOLLO PROJECT
- MULTIPLE DOCKING ADAPTERS
- SKYLAB PROGRAM
- SPACE STATIONS

SATURN 1 LAUNCH VEHICLES

- GS LAUNCH VEHICLES
- . SATURN LAUNCH VEHICLES
- . . SATURN 1 LAUNCH VEHICLES
- . . . SATURN 1 SA-1 LAUNCH VEHICLE
- . . . SATURN 1 SA-2 LAUNCH VEHICLE
- . . . SATURN 1 SA-3 LAUNCH VEHICLE
- . . . SATURN 1 SA-4 LAUNCH VEHICLE
- . . . SATURN 1 SA-5 LAUNCH VEHICLE
- . . . SATURN 1 SA-6 LAUNCH VEHICLE
- . . . SATURN 1 SA-7 LAUNCH VEHICLE
- . . . SATURN 1 SA-8 LAUNCH VEHICLE
- . . . SATURN 1 SA-9 LAUNCH VEHICLE
- . . . SATURN 1 SA-10 LAUNCH VEHICLE
- ROCKET VEHICLES
- MULTISTAGE ROCKET VEHICLES
- SATURN LAUNCH VEHICLES
- SATURN 1 LAUNCH VEHICLES
- SATURN 1 SA-1 LAUNCH VEHICLE
- SATURN 1 SA-2 LAUNCH VEHICLE
- SATURN 1 SA-3 LAUNCH VEHICLE
- SATURN 1 SA-4 LAUNCH VEHICLE
- SATURN 1 SA-5 LAUNCH VEHICLE
- SATURN 1 SA-6 LAUNCH VEHICLE
- SATURN 1 SA-7 LAUNCH VEHICLE
- SATURN 1 SA-8 LAUNCH VEHICLE
- SATURN 1 SA-9 LAUNCH VEHICLE
- SATURN 1 SA-10 LAUNCH VEHICLE
- ROCKET VEHICLES
- MULTISTAGE ROCKET VEHICLES
- SATURN LAUNCH VEHICLES
- SATURN 1 LAUNCH VEHICLES
- SATURN 1 SA-1 LAUNCH VEHICLE
- SATURN 1 SA-2 LAUNCH VEHICLE
- SATURN 1 SA-3 LAUNCH VEHICLE
- SATURN 1 SA-4 LAUNCH VEHICLE
- SATURN 1 SA-5 LAUNCH VEHICLE
- SATURN 1 SA-6 LAUNCH VEHICLE
- SATURN 1 SA-7 LAUNCH VEHICLE
- SATURN 1 SA-8 LAUNCH VEHICLE
- SATURN 1 SA-9 LAUNCH VEHICLE
- SATURN 1 SA-10 LAUNCH VEHICLE

SATURN 1 SA-8 LAUNCH VEHICLE

SATURN 1 LAUNCH VEHICLES-(CONT.)

- SATURN 1 SA-10 LAUNCH VEHICLE
- RT H-1 ENGINE
- M-1 ENGINE

SATURN 1 SA-1 LAUNCH VEHICLE

- GS LAUNCH VEHICLES
- . SATURN LAUNCH VEHICLES
- . . SATURN 1 LAUNCH VEHICLES
- . . . SATURN 1 SA-1 LAUNCH VEHICLE
- ROCKET VEHICLES
- MULTISTAGE ROCKET VEHICLES
- SATURN LAUNCH VEHICLES
- SATURN 1 LAUNCH VEHICLES
- SATURN 1 SA-1 LAUNCH VEHICLE

SATURN 1 SA-2 LAUNCH VEHICLE

- GS LAUNCH VEHICLES
- . SATURN LAUNCH VEHICLES
- . . SATURN 1 LAUNCH VEHICLES
- . . . SATURN 1 SA-2 LAUNCH VEHICLE
- ROCKET VEHICLES
- MULTISTAGE ROCKET VEHICLES
- SATURN LAUNCH VEHICLES
- SATURN 1 LAUNCH VEHICLES
- SATURN 1 SA-2 LAUNCH VEHICLE

SATURN 1 SA-3 LAUNCH VEHICLE

- GS LAUNCH VEHICLES
- . SATURN LAUNCH VEHICLES
- . . SATURN 1 LAUNCH VEHICLES
- . . . SATURN 1 SA-3 LAUNCH VEHICLE
- ROCKET VEHICLES
- MULTISTAGE ROCKET VEHICLES
- SATURN LAUNCH VEHICLES
- SATURN 1 LAUNCH VEHICLES
- SATURN 1 SA-3 LAUNCH VEHICLE

SATURN 1 SA-4 LAUNCH VEHICLE

- GS LAUNCH VEHICLES
- . SATURN LAUNCH VEHICLES
- . . SATURN 1 LAUNCH VEHICLES
- . . . SATURN 1 SA-4 LAUNCH VEHICLE
- ROCKET VEHICLES
- MULTISTAGE ROCKET VEHICLES
- SATURN LAUNCH VEHICLES
- SATURN 1 LAUNCH VEHICLES
- SATURN 1 SA-4 LAUNCH VEHICLE

SATURN 1 SA-5 LAUNCH VEHICLE

- GS LAUNCH VEHICLES
- . SATURN LAUNCH VEHICLES
- . . SATURN 1 LAUNCH VEHICLES
- . . . SATURN 1 SA-5 LAUNCH VEHICLE
- ROCKET VEHICLES
- MULTISTAGE ROCKET VEHICLES
- SATURN LAUNCH VEHICLES
- SATURN 1 LAUNCH VEHICLES
- SATURN 1 SA-5 LAUNCH VEHICLE

SATURN 1 SA-6 LAUNCH VEHICLE

- GS LAUNCH VEHICLES
- . SATURN LAUNCH VEHICLES
- . . SATURN 1 LAUNCH VEHICLES
- . . . SATURN 1 SA-6 LAUNCH VEHICLE
- ROCKET VEHICLES
- MULTISTAGE ROCKET VEHICLES
- SATURN LAUNCH VEHICLES
- SATURN 1 LAUNCH VEHICLES
- SATURN 1 SA-6 LAUNCH VEHICLE

SATURN 1 SA-7 LAUNCH VEHICLE

- GS LAUNCH VEHICLES
- . SATURN LAUNCH VEHICLES
- . . SATURN 1 LAUNCH VEHICLES
- . . . SATURN 1 SA-7 LAUNCH VEHICLE
- ROCKET VEHICLES
- MULTISTAGE ROCKET VEHICLES
- SATURN LAUNCH VEHICLES
- SATURN 1 LAUNCH VEHICLES
- SATURN 1 SA-7 LAUNCH VEHICLE

SATURN 1 SA-8 LAUNCH VEHICLE

- GS LAUNCH VEHICLES
- . SATURN LAUNCH VEHICLES
- . . SATURN 1 LAUNCH VEHICLES
- . . . SATURN 1 SA-8 LAUNCH VEHICLE
- ROCKET VEHICLES
- MULTISTAGE ROCKET VEHICLES
- SATURN LAUNCH VEHICLES
- SATURN 1 LAUNCH VEHICLES
- SATURN 1 SA-8 LAUNCH VEHICLE

SATURN 1 SA-9 LAUNCH VEHICLE

SATURN 1 SA-9 LAUNCH VEHICLE
 GS LAUNCH VEHICLES
 . SATURN LAUNCH VEHICLES
 . . SATURN 1 LAUNCH VEHICLES
 . . . SATURN 1 SA-9 LAUNCH VEHICLE
 ROCKET VEHICLES
 . MULTISTAGE ROCKET VEHICLES
 . . SATURN LAUNCH VEHICLES
 . . . SATURN 1 LAUNCH VEHICLES
 SATURN 1 SA-9 LAUNCH VEHICLE

SATURN 1 SA-10 LAUNCH VEHICLE
 GS LAUNCH VEHICLES
 . SATURN LAUNCH VEHICLES
 . . SATURN 1 LAUNCH VEHICLES
 . . . SATURN 1 SA-10 LAUNCH VEHICLE
 ROCKET VEHICLES
 . MULTISTAGE ROCKET VEHICLES
 . . SATURN LAUNCH VEHICLES
 . . . SATURN 1 LAUNCH VEHICLES
 SATURN 1 SA-10 LAUNCH VEHICLE

SATURN 1 WORKSHOP
 GS SATURN WORKSHOPS
 . SATURN 1 WORKSHOP
 RT AIRLOCK MODULES
 APOLLO APPLICATIONS PROGRAM
 APOLLO PROJECT
 MULTIPLE DOCKING ADAPTERS
 SKYLAB PROGRAM
 SPACE STATIONS

SATURN 1B LAUNCH VEHICLES
 GS LAUNCH VEHICLES
 . SATURN LAUNCH VEHICLES
 . . SATURN 1B LAUNCH VEHICLES
 ROCKET VEHICLES
 . MULTISTAGE ROCKET VEHICLES
 . . SATURN LAUNCH VEHICLES
 . . . SATURN 1B LAUNCH VEHICLES
 RT H-1 ENGINE
 J-2 ENGINE
 M-1 ENGINE
 SKYLAB 2
 SKYLAB 3
 SKYLAB 4

SATURN 2 LAUNCH VEHICLES
 GS LAUNCH VEHICLES
 . SATURN LAUNCH VEHICLES
 . . SATURN 2 LAUNCH VEHICLES
 ROCKET VEHICLES
 . MULTISTAGE ROCKET VEHICLES
 . . SATURN LAUNCH VEHICLES
 . . . SATURN 2 LAUNCH VEHICLES

SATURN 5 LAUNCH VEHICLES
 GS LAUNCH VEHICLES
 . SATURN LAUNCH VEHICLES
 . . SATURN 5 LAUNCH VEHICLES
 ROCKET VEHICLES
 . MULTISTAGE ROCKET VEHICLES
 . . SATURN LAUNCH VEHICLES
 . . . SATURN 5 LAUNCH VEHICLES
 RT J-2 ENGINE
 SKYLAB 2
 SKYLAB 3
 SKYLAB 4

SATURN 5 WORKSHOP
 GS SATURN WORKSHOPS
 . SATURN 5 WORKSHOP
 RT AIRLOCK MODULES
 APOLLO APPLICATIONS PROGRAM
 APOLLO PROJECT
 MULTIPLE DOCKING ADAPTERS
 SKYLAB PROGRAM
 SPACE STATIONS

SAUDI ARABIA
 RT ASIA
 NATIONS

SAVAGE AIRCRAFT
 USE A-2 AIRCRAFT

SAVANNAH NUCLEAR SHIP
 GS SURFACE VEHICLES
 . CARGO SHIPS
 . . SAVANNAH NUCLEAR SHIP
 . . NUCLEAR POWERED SHIPS
 . . SAVANNAH NUCLEAR SHIP
 WATER VEHICLES

SAVANNAH NUCLEAR SHIP-(CONT.)
 . SHIPS
 . . CARGO SHIPS
 . . . SAVANNAH NUCLEAR SHIP
 . . NUCLEAR POWERED SHIPS
 . . . SAVANNAH NUCLEAR SHIP
 RT MARINE PROPULSION
 NUCLEAR PROPULSION

SAVANNAHS
 USE GRASSLANDS

SAWS
 GS CUTTERS
 . SAWS
 TOOLS
 . SAWS
 RT MACHINE TOOLS
 SHEARS

SAWTOOTH WAVEFORMS
 GS WAVEFORMS
 . SAWTOOTH WAVEFORMS
 RT PULSE AMPLITUDE
 PULSE DURATION
 SQUARE WAVES

SC-1 AIRCRAFT
 UF SHORT SC-1 AIRCRAFT
 GS JET AIRCRAFT
 . SC-1 AIRCRAFT
 MONOPLANES
 . SC-1 AIRCRAFT
 RESEARCH AIRCRAFT
 . SC-1 AIRCRAFT
 SHORT AND HARLAND AIRCRAFT
 . SC-1 AIRCRAFT
 TAILLESS AIRCRAFT
 . SC-1 AIRCRAFT
 V/STOL AIRCRAFT
 . VERTICAL TAKEOFF AIRCRAFT
 . . SC-1 AIRCRAFT

SC-5 AIRCRAFT
 UF BELFAST AIRCRAFT
 SHORT BELFAST C MK-1 AIRCRAFT
 GS SHORT SC-5 AIRCRAFT
 JET AIRCRAFT
 . TURBOPROP AIRCRAFT
 . . SC-5 AIRCRAFT
 MONOPLANES
 . SC-5 AIRCRAFT
 TRANSPORT AIRCRAFT
 . SC-5 AIRCRAFT

SC-7 AIRCRAFT
 UF SHORT SC-7 AIRCRAFT
 SKYVAN AIRCRAFT
 TURBO-SKYVAN AIRCRAFT
 GS LIGHT AIRCRAFT
 . SC-7 AIRCRAFT
 MONOPLANES
 . SC-7 AIRCRAFT
 SHORT AND HARLAND AIRCRAFT
 . SC-7 AIRCRAFT
 TRANSPORT AIRCRAFT
 . SC-7 AIRCRAFT
 CARGO AIRCRAFT
 RT PASSENGER AIRCRAFT

SCALAR MAGNETIC CHARGE
 USE MAGNETIC CHARGE DENSITY

SCALARS
 RT TENSOR ANALYSIS
 TENSORS

SCALE
 SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED-CONSULT THE TERMS LISTED BELOW)*
 RT SCALE (CORROSION)
 SCALE (RATIO)
 TEMPERATURE SCALES
 WEIGHT INDICATORS

SCALE (CORROSION)
 GS CORROSION
 . SCALE (CORROSION)
 RT CHEMICAL ATTACK
 DEGRADATION
 DESCALING
 HOT CORROSION
 PICKLING (METALLURGY)

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SCALE (CORROSION)-(CONT.)
 RUSTING
 ∞ SCALE
 ∞ SCALING

SCALE (RATIO)
 GS RATIOS
 . SCALE (RATIO)
 RT MAPPING
 RETICLES
 ∞ SCALE

SCALE EFFECT
 RT FORCE DISTRIBUTION
 PARAMETERIZATION
 REYNOLDS NUMBER
 ∞ SCALING

SCALE HEIGHT
 GS DIMENSIONS
 . HEIGHT
 . . SCALE HEIGHT
 RT EARTH ATMOSPHERE
 GEOPOTENTIAL HEIGHT
 HEAD (FLUID MECHANICS)

SCALE MODELS
 GS MODELS
 . SCALE MODELS
 RT AERODYNAMIC CONFIGURATIONS
 AIRCRAFT MODELS
 REYNOLDS EQUATION
 SCALING LAWS
 SEMISPAN MODELS
 SIMILARITY THEOREM
 SIMILITUDE LAW
 SPACECRAFT MODELS
 WIND TUNNEL MODELS

SCALERS
 GS CIRCUITS
 . COUNTING CIRCUITS
 . . SCALERS
 RT TENSOR ANALYSIS

SCALING
 SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED-CONSULT THE TERMS LISTED BELOW)*
 RT CALIBRATING
 ERRORS
 SCALE (CORROSION)
 SCALE EFFECT
 SCALING LAWS

SCALING LAWS
 GS LAWS
 . SCALING LAWS
 RT DIMENSIONAL ANALYSIS
 DIMENSIONLESS NUMBERS
 SCALE MODELS
 ∞ SCALING
 SIMILARITY NUMBERS
 WIND TUNNEL CALIBRATION

SCALLOPING
 RT EDGES
 ELECTRON BEAMS
 TRAVELING WAVE TUBES

SCANDIUM
 GS CHEMICAL ELEMENTS
 . RARE EARTH ELEMENTS
 . . SCANDIUM
 . . . SCANDIUM ISOTOPES
 METALS
 . RARE EARTH ELEMENTS
 . . SCANDIUM
 . . . SCANDIUM ISOTOPES
 . . TRANSITION METALS
 . . SCANDIUM
 . . . SCANDIUM ISOTOPES

SCANDIUM COMPOUNDS
 GS RARE EARTH COMPOUNDS
 . SCANDIUM COMPOUNDS
 . . SCANDIUM OXIDES
 RT ∞ GROUP 3B COMPOUNDS
 ∞ METAL COMPOUNDS

SCANDIUM ISOTOPES
 UF SCANDIUM 46
 GS CHEMICAL ELEMENTS
 . NUCLIDES

SCANDIUM ISOTOPES-(CONT.)

.. ISOTOPES
 .. SCANDIUM ISOTOPES
 . RARE EARTH ELEMENTS
 . SCANDIUM
 .. SCANDIUM ISOTOPES
 METALS
 . RARE EARTH ELEMENTS
 . SCANDIUM
 .. SCANDIUM ISOTOPES
 . TRANSITION METALS
 . SCANDIUM
 .. SCANDIUM ISOTOPES

SCANDIUM OXIDES

GS CHALCOGENIDES
 . OXIDES
 . METAL OXIDES
 .. SCANDIUM OXIDES
 RARE EARTH COMPOUNDS
 . SCANDIUM COMPOUNDS
 . SCANDIUM OXIDES

SCANDIUM 46

USE SCANDIUM ISOTOPES

SCANNER PROJECT

GS PROGRAMS
 . PROJECTS
 . SCANNER PROJECT
 RT HORIZON SCANNERS
 INFRARED SCANNERS
 OPTICAL EQUIPMENT

SCANNERS

UF SCANNING DEVICES
 GS SCANNERS
 . COASTAL ZONE COLOR SCANNER
 . HORIZON SCANNERS
 . INFRARED SCANNERS
 . OPTICAL SCANNERS
 . FLYING SPOT SCANNERS
 . MULTISPECTRAL BAND SCANNERS
 . ULTRASONIC SCANNERS
 RT CONICAL SCANNING
 OPTICAL DATA PROCESSING
 OPTICAL EQUIPMENT
 PANORAMIC SCANNING
 READING
 SCANNING
 SUBREFLECTORS

SCANNING

GS SCANNING
 . CONICAL SCANNING
 . FREQUENCY SCANNING
 . PANORAMIC SCANNING
 . RADAR SCANNING
 . RADAR TARGET SCATTER SITE
 PROGRAM
 RT EARTH RESOURCES
 EROS (SATELLITES)
 EXAMINATION
 MONITORS
 MULTISPECTRAL BAND SCANNERS
 RAPID BALLISTICS IDENTIFICATION
 READING
 SCANNERS
 SEARCHING
 SURVEILLANCE
 ULTRASONIC SCANNERS

SCANNING DEVICES

USE SCANNERS

SCANNING LASER ACOUSTIC MICROSCOPE (SLAM)

USE ACOUSTIC MICROSCOPES

SCAPULA

GS ANATOMY
 . MUSCULOSKELETAL SYSTEM
 . BONES
 . SCAPULA
 RT ARM (ANATOMY)
 SHOULDERS

SCAR PROGRAM

USE SUPERSONIC CRUISE AIRCRAFT
 RESEARCH

SCARFING

GS CUTTING
 . SCARFING

SCARFING-(CONT.)

RT CLEANING
 GRINDING (MATERIAL REMOVAL)
 METAL CUTTING
 SLICING

SCARS

GS TISSUES (BIOLOGY)
 . SCARS

SCARS (GEOLOGY)

USE EROSION

SCAT

USE SUPERSONIC COMMERCIAL AIR
 TRANSPORT

SCATHA SATELLITE

GS SATELLITES
 . ARTIFICIAL SATELLITES
 . SCATHA SATELLITE
 . EARTH SATELLITES
 . SCATHA SATELLITE
 RT CHARGING
 ELECTRIC CHARGE
 ELECTROMAGNETIC INTERFERENCE
 ELECTROSTATIC CHARGE
 ELECTROSTATIC PROBES
 ELECTROSTATIC SHIELDING
 HIGH ENERGY ELECTRONS

SCATTER PLATES (OPTICS)

GS OPTICAL EQUIPMENT
 . SCATTER PLATES (OPTICS)
 RT BEAM SPLITTERS
 COHERENT LIGHT
 HOLOGRAPHIC INTERFEROMETRY
 HOLOGRAPHY
 INTERFEROMETRY
 LIGHT SCATTERING
 PLATES

SCATTER PROPAGATION

GS TRANSMISSION
 . ELECTROMAGNETIC WAVE
 TRANSMISSION
 . SCATTER PROPAGATION
 . . . IONOSPHERIC F-SCATTER
 PROPAGATION
 . WAVE PROPAGATION
 . SCATTER PROPAGATION
 . . . IONOSPHERIC F-SCATTER
 PROPAGATION
 RT BACKSCATTERING
 FORWARD SCATTERING
 IONOSPHERIC PROPAGATION
 METEOR TRAILS
 RADIO RECEPTION
 RADIO SCATTERING
 RADIO TRANSMISSION
 RADIO WAVES

SCATTERERS

USE SCATTERING

SCATTERING

UF SCATTERERS
 GS SCATTERING
 . BACKSCATTERING
 . COHERENT SCATTERING
 . COMPTON EFFECT
 . ELASTIC SCATTERING
 . ELECTRON SCATTERING
 . . . CONFIGURATION INTERACTION
 . . . ELECTRON RUNAWAY (PLASMA
 PHYSICS)
 . FORWARD SCATTERING
 . INCOHERENT SCATTERING
 . INELASTIC SCATTERING
 . INVERSE SCATTERING
 . ION SCATTERING
 . NUCLEAR SCATTERING
 . . . NEUTRON SCATTERING
 . . . RESONANCE SCATTERING
 . NUCLEON-NUCLEON SCATTERING
 . PROTON SCATTERING
 . RADAR SCATTERING
 . WAVE SCATTERING
 . . . ACOUSTIC SCATTERING
 . . . REVERBERATION
 . . . ATMOSPHERIC SCATTERING
 . . . TROPOSPHERIC SCATTERING
 . . . ELECTROMAGNETIC SCATTERING
 . . . IONOSPHERIC F-SCATTER
 PROPAGATION

SCATTERING-(CONT.)

.. LIGHT SCATTERING
 . . . HALOS
 . . . MICROWAVE SCATTERING
 . . . MIE SCATTERING
 . . . RAYLEIGH SCATTERING
 . . . RAMAN SPECTRA
 . . . THOMSON SCATTERING
 . . . X RAY SCATTERING
 RT ATOMIC COLLISIONS
 BISTATIC REFLECTIVITY
 CIRCUMSOLAR RADIATION
 COLLISION PARAMETERS
 COLLISIONS
 DEEP SCATTERING LAYERS
 DEFLECTION
 DIFFUSION
 DISPERSING
 ELECTROMAGNETIC RADIATION
 ENCOUNTERS
 HUYGENS PRINCIPLE
 IMPINGEMENT
 INCIDENT RADIATION
 INELASTIC COLLISIONS
 MEAN FREE PATH
 PARTICLE COLLISIONS
 POMERONS
 REFLECTION
 RELEASING
 SCATTEROMETERS
 SHOCK WAVE INTERACTION
 SPREAD REFLECTION
 SPREADING
 SPRINKLING
 STATISTICAL DISTRIBUTIONS
 TRANSMITTANCE
 WAVE DEGRADATION
 WAVE DISPERSION
 WAVE INTERACTION

SCATTERING AMPLITUDE

GS AMPLITUDES
 . SCATTERING AMPLITUDE
 RT FADDEEV EQUATIONS
 WAVE SCATTERING

SCATTERING COEFFICIENTS

GS COEFFICIENTS
 . SCATTERING COEFFICIENTS
 RT ABSORPTIVITY
 ATTENUATION COEFFICIENTS
 FORM FACTORS

SCATTERING CROSS SECTIONS

RT ABSORPTION CROSS SECTIONS
 BORN APPROXIMATION
 CROSS SECTIONS
 ELECTRON RUNAWAY (PLASMA
 PHYSICS)
 IONIZATION CROSS SECTIONS
 NEUTRON CROSS SECTIONS
 POMERANCHUK THEOREM
 POMERONS
 RAMSAUER EFFECT
 REGGE POLES
 S MATRIX THEORY
 STOPPING POWER

SCATTERING FUNCTIONS

RT FLUX DENSITY
 FUNCTIONS
 RADIANT FLUX DENSITY

SCATTERING MATRIX

USE S MATRIX THEORY

SCATTEROMETERS

GS MEASURING INSTRUMENTS
 . SCATTEROMETERS
 RT INSTRUMENTS
 MICROWAVE SCATTERING
 MICROWAVES
 RADAR
 RADAR SCATTERING
 SCATTERING
 WAVE SCATTERING

SCAVENGING

RT CLEANING
 DEGASSING
 DEOXIDIZING
 PURIFICATION

SCCF

USE SOLAR CELL CALIBRATION FACILITY

SCENE ANALYSIS

SCENE ANALYSIS

GS DATA PROCESSING
 . OPTICAL DATA PROCESSING
 . . SCENE ANALYSIS
 RT CHARACTER RECOGNITION
 IMAGERY
 IMAGING TECHNIQUES
 VIDEO LANDMARK ACQUISITION AND TRACKING

SCENEDESMUS

GS ALGAE
 . SCENEDESMUS

SCF

USE SELF CONSISTENT FIELDS

SCHACH EFFECT

RT CELESTIAL MECHANICS
 . EFFECTS
 . ORBIT PERTURBATION
 . PERTURBATION
 . SATELLITE PERTURBATION

SCHAUDER FIXPOINT THEOREM

GS THEOREMS
 . SCHAUDER FIXPOINT THEOREM
 RT COMPLEX VARIABLES
 DIFFERENTIAL EQUATIONS

SCHEDULES

GS SCHEDULES
 . COUNTDOWN
 RT CONTRACT MANAGEMENT
 PRECISION
 PREDICTIONS
 PRODUCTION PLANNING
 TIME
 TIME LAG
 TURNAROUND (STS)

SCHEDULING

GS SCHEDULING
 . PREDICTION ANALYSIS TECHNIQUES
 RT CALENDARS
 CONSECUTIVE EVENTS
 CONTINUITY
 . CONTROL
 . CROP CALENDARS
 . DECISION THEORY
 . FORECASTING
 . FORMALISM
 . LATENESS
 . MATHEMATICAL MODELS
 . MATRIX MANAGEMENT
 . MISSION PLANNING
 . OPTIMIZATION
 . PRODUCTION ENGINEERING
 . QUALITY CONTROL
 . SEQUENCING
 . TASK COMPLEXITY
 . TASKS
 . TIME SERIES ANALYSIS

SCHEELITE

GS CALCIUM COMPOUNDS
 . SCHEELITE
 . CHALCOGENIDES
 . OXIDES
 . . METAL OXIDES
 . . . TUNGSTEN OXIDES
 SCHEELITE
 . MINERALS
 . SCHEELITE
 . TUNGSTEN COMPOUNDS
 . . TUNGSTEN OXIDES
 . . SCHEELITE

SCHUNKOFF PRINCIPLE

RT ANTENNA RADIATION PATTERNS
 HORN ANTENNAS
 HUYGENS PRINCIPLE
 REFLECTOMETERS
 REFLECTORS

SCHEMATICS

USE CIRCUIT DIAGRAMS

SCHIFF BASES

USE IMINES

SCHIST

GS ROCKS
 . SCHIST

SCHIST-(CONT.)

RT LIMESTONE
 SANDSTONES

SCHIZOPHRENIA

GS PSYCHOSES
 . SCHIZOPHRENIA
 RT . DEPRESSION
 . IRRATIONALITY
 . MENTAL HEALTH

SCHLEICHER AIRCRAFT

RT . AIRCRAFT

SCHLEICHER KA-6 SAILPLANE

USE KA-6 SAILPLANES

SCHLIEREN PHOTOGRAPHY

GS IMAGERY
 . SHADOWGRAPH PHOTOGRAPHY
 . . SCHLIEREN PHOTOGRAPHY
 . PHOTOGRAPHY
 . SHADOWGRAPH PHOTOGRAPHY
 . . SCHLIEREN PHOTOGRAPHY
 . BLACK AND WHITE PHOTOGRAPHY
 . FLOW VISUALIZATION
 . MACH-ZEHNDER INTERFEROMETERS
 . MOIRE EFFECTS
 RT

SCHMIDT CAMERAS

GS OPTICAL EQUIPMENT
 . CAMERAS
 . . SCHMIDT CAMERAS
 . PHOTOGRAPHIC EQUIPMENT
 . CAMERAS
 . . SCHMIDT CAMERAS
 . TELESCOPES
 . . SCHMIDT CAMERAS
 . ASTRONOMICAL PHOTOGRAPHY
 . ASTRONOMICAL TELESCOPES
 . BAKER-NUNN CAMERA
 RT

SCHMIDT METHOD

RT DIFFERENTIAL EQUATIONS
 INTEGRAL EQUATIONS
 . METHODOLOGY
 . REAL VARIABLES

SCHMIDT NUMBER

GS RATIOS
 . DIMENSIONLESS NUMBERS
 . . SCHMIDT NUMBER
 . NUSSELT NUMBER
 . PRANDTL NUMBER
 RT

SCHMIDT TELESCOPES

GS TELESCOPES
 . SCHMIDT TELESCOPES
 RT ASTRONOMICAL TELESCOPES
 REFLECTING TELESCOPES

SCHOOLS

RT EDUCATION
 INSTRUCTORS
 TRAINING EVALUATION
 UNIVERSITIES

SCHOOLS (FISH)

GS ANIMALS
 . VERTEBRATES
 . . FISHES
 . . . SCHOOLS (FISH)
 RT ICHTHYOLOGY

SCHOTTKY BARRIER DIODES

USE SCHOTTKY DIODES

SCHOTTKY DIODES

UF SCHOTTKY BARRIER DIODES
 GS ELECTRONIC EQUIPMENT
 . DIODES
 . . SEMICONDUCTOR DIODES
 . . . SCHOTTKY DIODES
 . . SOLID STATE DEVICES
 . . SEMICONDUCTOR DEVICES
 . . . SCHOTTKY DIODES
 RT BARRITT DIODES
 GALLIUM ARSENIDES
 N-TYPE SEMICONDUCTORS
 SEMICONDUCTOR JUNCTIONS
 SILICON
 SIS (SEMICONDUCTORS)
 WORK FUNCTIONS
 ZINC SELENIDES

NASA THESAURUS (VOLUME 1)

SCHOTTKY EFFECT

USE WORK FUNCTIONS

SCHREIBERSITE

GS IRON COMPOUNDS
 . SCHREIBERSITE
 . MINERALS
 . SCHREIBERSITE
 . NICKEL COMPOUNDS
 . SCHREIBERSITE
 . PHOSPHORUS COMPOUNDS
 . PHOSPHIDES
 . . SCHREIBERSITE
 RT IRON METEORITES
 METEORITIC COMPOSITION
 STONY METEORITES

SCHROEDINGER EQUATION

GS WAVE EQUATIONS
 . SCHROEDINGER EQUATION
 RT WENTZEL-KRAMER-BRILLOUIN METHOD

SCHULER TUNING

GS TUNING
 . SCHULER TUNING
 RT GYROSCOPIC PENDULUMS
 GYROSCOPIC STABILITY
 INERTIAL NAVIGATION

SCHUMANN-RUNGE BANDS

GS SPECTRA
 . SPECTRAL BANDS
 . . SCHUMANN-RUNGE BANDS
 RT ABSORPTION SPECTRA
 EMISSION SPECTRA
 HERZBERG BANDS
 OXYGEN
 QUANTUM THEORY

SCHWARTZ INEQUALITY

GS INEQUALITIES
 . SCHWARTZ INEQUALITY
 RT ALGEBRA
 LINEAR TRANSFORMATIONS
 VECTORS (MATHEMATICS)

SCHWARTZ METHOD

GS STRESS ANALYSIS
 . SCHWARTZ METHOD
 RT . METHODOLOGY

SCHWARZ-CHRISTOFFEL TRANSFORMATION

GS ANALYSIS (MATHEMATICS)
 . COMPLEX VARIABLES
 . . SCHWARZ-CHRISTOFFEL
 . TRANSFORMATION
 . FUNCTIONS (MATHEMATICS)
 . SCHWARZ-CHRISTOFFEL
 . TRANSFORMATION
 RT CONFORMAL MAPPING

SCHWARZSCHILD ANTENNAS

GS ANTENNAS
 . SCHWARZSCHILD ANTENNAS
 RT HORNS
 PARABOLIC REFLECTORS
 RADAR ANTENNAS
 RADIO ANTENNAS

SCHWARZSCHILD METRIC

RT BIMETRIC THEORIES
 COORDINATE TRANSFORMATIONS
 ESCAPE VELOCITY
 GRAVITATIONAL FIELDS
 IONIZATION
 LIGHT SPEED
 ORBITALS
 ORBITS
 RELATIVITY

SCHWASSMANN-WACHMANN COMET

GS CELESTIAL BODIES
 . COMETS
 . . SCHWASSMANN-WACHMANN COMET

SCIATIC REGION

GS ANATOMY
 . MUSCULOSKELETAL SYSTEM
 . . BONES
 . . . SCIATIC REGION

∞ SCIENCE

SN (USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)

- RT ASTRONOMY
∞ BIOLOGY
GEOLOGY
LIFE SCIENCES
∞ MATERIALS SCIENCE
∞ MATHEMATICS
MEDICAL SCIENCE
METEOROLOGY
OCEANOGRAPHY
∞ PHYSICAL SCIENCES

SCIENTIFIC INSTRUMENT MODULES

USE SIM

SCIENTIFIC SATELLITES

- GS SATELLITES
. SCIENTIFIC SATELLITES
. ATS
. ATS 1
. ATS 2
. ATS 3
. ATS 4
. ATS 5
. ATS 6
. ATS 7
. ATS 8
. AZUR SATELLITE
. CANNONBALL 2 SATELLITE
. DIAL SATELLITE
. ENVIRONMENTAL RESEARCH
SATELLITES
. ERS 17
. ERS 18
. INTASAT SATELLITE
. EXOSAT SATELLITE
. EXPLORER 45 SATELLITE
. GRAVSAT SATELLITE
. HAWKEYE SATELLITES
. LZEEBE SATELLITE
. MAGSAT A SATELLITE
. MAGSAT SATELLITES
. MAGSAT 1 SATELLITE
. ORBIS
. ORBIS CAL SATELLITE
. OV-1 SATELLITES
. OV-2 SATELLITES
. OV-3 SATELLITES
. OV-4 SATELLITES
. OV-5 SATELLITES
. SMALL SCIENTIFIC SATELLITES
. UK SATELLITES
. UK 4 SATELLITE
RT CANADIAN SPACE PROGRAMS
ESRO 4 SATELLITE
EXPLORER 55 SATELLITE
TECHNOLOGY FEASIBILITY SPACECRAFT

SCIENTISTS

- GS MANPOWER
. SCIENTISTS
PERSONNEL
. SCIENTISTS

SCIMITAR AIRCRAFT

- UF VICKERS SCIMITAR AIRCRAFT
GS ATTACK AIRCRAFT
. FIGHTER AIRCRAFT
. SCIMITAR AIRCRAFT
BAC AIRCRAFT
. SCIMITAR AIRCRAFT
JET AIRCRAFT
. SCIMITAR AIRCRAFT
MONOPLANES
. SCIMITAR AIRCRAFT

SCINTILLATION

- RT GLINT
PHOSPHORESCENCE

SCINTILLATION COUNTERS

- UF SCINTILLATORS
SCINTILLOMETERS
GS MEASURING INSTRUMENTS
. COUNTERS
. . . RADIATION COUNTERS
. . . SCINTILLATION COUNTERS
. . . RADIATION MEASURING INSTRUMENTS
. . . RADIATION COUNTERS
. . . SCINTILLATION COUNTERS
RT CERENKOV COUNTERS
NEUTRON COUNTERS

SCINTILLATION COUNTERS-(CONT.)

PARTICLE TELESCOPES
PHOTOMULTIPLIER TUBES
PHOTOPEAK

SCINTILLATORS

USE SCINTILLATION COUNTERS

SCINTILLOMETERS

USE SCINTILLATION COUNTERS

SCISSION

USE CLEAVAGE

SCOOPS

- RT AIR INTAKES
CONVEYORS
DUCTS
INTAKE SYSTEMS
NOSE INLETS
SIDE INLETS
∞ WATER INTAKES

SCOPOLAMINE

USE HYOSCINE

SCORE OMNIRANGE

USE SELF CALIBRATING OMNIRANGE

SCORE SATELLITE

- GS SATELLITES
. ARTIFICIAL SATELLITES
. . . SCORE SATELLITE
. . . EARTH SATELLITES
. . . SCORE SATELLITE

SCORING

- UF SCRIBING
RT ABRASION
DEFECTS
FRICTION
PITTING
WEAR

SCORPIO CONSTELLATION

USE SCORPIUS CONSTELLATION

SCORPIUS CONSTELLATION

- UF SCORPIO CONSTELLATION
GS CONSTELLATIONS
. SCORPIUS CONSTELLATION
RT ZODIAC

SCOTCHLITE (TRADEMARK)

- RT MEMBRANE STRUCTURES
REFRACTORY MATERIALS

SCOTLAND

- GS UNITED KINGDOM
. SCOTLAND

SCOUT HELICOPTER

USE P-531 HELICOPTER

SCOUT LAUNCH VEHICLE

- GS LAUNCH VEHICLES
. SCOUT LAUNCH VEHICLE
ROCKET VEHICLES
. MULTISTAGE ROCKET VEHICLES
. . . SCOUT LAUNCH VEHICLE
RT ALGOL ENGINE
EXPLORER S-55 SATELLITE
EXPLORER 9 SATELLITE
EXPLORER 13 SATELLITE
EXPLORER 16 SATELLITE
EXPLORER 19 SATELLITE
EXPLORER 20 SATELLITE
EXPLORER 22 SATELLITE
EXPLORER 23 SATELLITE
EXPLORER 24 SATELLITE
EXPLORER 25 SATELLITE
EXPLORER 27 SATELLITE
EXPLORER 30 SATELLITE
EXPLORER 37 SATELLITE
EXPLORER 39 SATELLITE
EXPLORER 40 SATELLITE
SAN MARCO SATELLITE
SOLID PROPELLANT ROCKET ENGINES
TX-354 ENGINE
X-248 ENGINE
X-254 ENGINE
X-258 ENGINES
X-259 ENGINE
XM-33 ENGINE

SCOUT PROJECT

- GS PROGRAMS
. NASA PROGRAMS
. . . SCOUT PROJECT
. . . PROJECTS
. . . SCOUT PROJECT
RT ∞ BOOSTERS
EXPLORER SATELLITES
LAUNCH VEHICLES

SCPC TRANSMISSION

USE SINGLE CHANNEL PER CARRIER
TRANSMISSION

SCR (RECTIFIERS)

USE SILICON CONTROLLED RECTIFIERS

∞ SCRAM

SN (USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)

- RT MISSILES
SHUTDOWNS
SUPERSONIC COMBUSTION RAMJET
ENGINES

SCRAMBLING (COMMUNICATION)

- RT INTELLIGIBILITY
SECURITY
SIGNAL DISTORTION
SIGNAL ENCODING
VOCODERS
VOICE COMMUNICATION

SCRAMJET ENGINES

USE SUPERSONIC COMBUSTION RAMJET
ENGINES

SCRAMJETS

USE SUPERSONIC COMBUSTION RAMJET
ENGINES

SCRAP

- RT CHIPS
DEBRIS
METAL PARTICLES
WASTES

SCRAPERS

- RT CUTTERS
FILES (TOOLS)
HONING
∞ SEPARATION

SCREEN EFFECT

- RT ∞ COMA
DIELECTRICS
∞ EFFECTS
ELECTROMAGNETIC WAVE FILTERS
ELECTROMAGNETIC WAVE
TRANSMISSION
ELECTRON GAS
MAGNETOSPHERE
SEMICONDUCTORS (MATERIALS)
WAVE PROPAGATION

∞ SCREENING

SN (USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)

- RT FILTRATION
FINES
LOUVERS
SELECTION
WATER TREATMENT

∞ SCREENS

SN (USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)

- RT CURTAINS
DISPLAY DEVICES
PROTECTORS
SHIELDING
SIZING SCREENS
WIRE CLOTH

SCREW DISLOCATIONS

- GS DEFECTS
. CRYSTAL DEFECTS
. . . CRYSTAL DISLOCATIONS
. . . SCREW DISLOCATIONS
DISLOCATIONS (MATERIALS)
. CRYSTAL DISLOCATIONS

SCREW PINCH

SCREW DISLOCATIONS-(CONT.)

RT . . SCREW DISLOCATIONS
EDGE DISLOCATIONS

SCREW PINCH

GS PINCH EFFECT
. PLASMA PINCH
. . SCREW PINCH
RT MAGNETIC FIELDS
MAGNETOHYDRODYNAMIC FLOW
PLASMA CONTROL
REVERSE FIELD PINCH
THETA PINCH
ZETA PINCH

SCREWS

SN (EXCLUDES PROPELLERS AND CRYSTAL DEFECTS)
GS FASTENERS
. SCREWS
RT ANCHORS (FASTENERS)
BOLTS
COUPLINGS
HOLDERS
NUTS (FASTENERS)
STUDS (STRUCTURAL MEMBERS)
THREADS

SCRIBING

USE SCORING

SCRUBBERS

RT CLEANING
COLUMNS (PROCESS ENGINEERING)
FLUE GASES
WASHING

SCRUBBING

USE WASHING

SCRUBS (BOTANY)

USE BRUSH (BOTANY)

SCUTUM CONSTELLATION

GS CONSTELLATIONS
. SCUTUM CONSTELLATION
RT ZODIAC

SCYLLA

GS PLASMA GENERATORS
. SCYLLA
RT MAGNETIC FIELDS
MAGNETIC MIRRORS
MAGNETIC VARIATIONS
PLASMAS (PHYSICS)
THERMONUCLEAR REACTIONS

SDP (COMPUTERS)

USE SITE DATA PROCESSORS

SDS 900 SERIES COMPUTERS

GS DATA PROCESSING EQUIPMENT
. COMPUTERS
. . DIGITAL COMPUTERS
. . . SDS 900 SERIES COMPUTERS
. . . . SDS 920 COMPUTER
. . . . SDS 930 COMPUTER

SDS 920 COMPUTER

GS DATA PROCESSING EQUIPMENT
. COMPUTERS
. . DIGITAL COMPUTERS
. . . SDS 900 SERIES COMPUTERS
. . . . SDS 920 COMPUTER

SDS 930 COMPUTER

GS DATA PROCESSING EQUIPMENT
. COMPUTERS
. . DIGITAL COMPUTERS
. . . SDS 900 SERIES COMPUTERS
. . . . SDS 930 COMPUTER

SDS 9300 COMPUTER

GS DATA PROCESSING EQUIPMENT
. COMPUTERS
. . DIGITAL COMPUTERS
. . . SDS 9300 COMPUTER

SE-A

USE EXPLORER 30 SATELLITE

SE-210 AIRCRAFT

UF CARAVELLE AIRCRAFT
SUD AVIATION SE-210 AIRCRAFT

SE-210 AIRCRAFT-(CONT.)

GS COMMERCIAL AIRCRAFT
. SE-210 AIRCRAFT
JET AIRCRAFT
. TURBOFAN AIRCRAFT
. . SE-210 AIRCRAFT
MONOPLANES
. SE-210 AIRCRAFT
PASSENGER AIRCRAFT
. SE-210 AIRCRAFT
SUD AVIATION AIRCRAFT
. SE-210 AIRCRAFT

SE-3160 HELICOPTER

UF ALOUETTE 3 HELICOPTER
SUD AVIATION SE-3160 HELICOPTER
GS SUD AVIATION AIRCRAFT
. ALOUETTE HELICOPTERS
. . SE-3160 HELICOPTER
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DEVICES
EQUIPMENT
INFLATABLE SPACECRAFT
INFLATABLE STRUCTURES
ORBITAL ASSEMBLY
SPACE ERECTABLE STRUCTURES

SELF EXCITATION

GS EXCITATION
SELF EXCITATION
RT FORCED VIBRATION
FREE VIBRATION
OSCILLATORS
RESONATORS

SELF FOCUSING

GS FOCUSING
SELF FOCUSING
RT IMAGE CONTRAST
MACHINERY
OPTICAL CORRECTION PROCEDURE
OPTICAL MEASURING INSTRUMENTS

SELF INDUCED VIBRATION

GS VIBRATION
STRUCTURAL VIBRATION
SELF INDUCED VIBRATION
PANEL FLUTTER
SUBSONIC FLUTTER
SUPERSONIC FLUTTER
TRANSONIC FLUTTER
RT BENDING VIBRATION
FLUTTER
FORCED VIBRATION
FREE VIBRATION
MISSILE VIBRATION
RANDOM VIBRATION
TORSIONAL VIBRATION

SELF INITIATED ANTI-AIRCRAFT MISSILES

USE SIAM MISSILES

SELF LUBRICATING MATERIALS

RT IMPREGNATING
LUBRICATION
MATERIALS
SOLID LUBRICANTS
SPACECRAFT LUBRICATION

SELF LUBRICATION

GS LUBRICATION
SELF LUBRICATION
RT IMPREGNATING

SELF MANEUVERING UNITS

UF PERSONNEL PROPULSION SYSTEMS
REACTION JET BACKPACKS
SMU (MANEUVERING UNITS)
SPACE SELF MANEUVERING UNITS
GS SELF MANEUVERING UNITS
IMLSS
RT ASTRONAUT MANEUVERING EQUIPMENT
EXTRAVEHICULAR ACTIVITY
EXTRAVEHICULAR MOBILITY UNITS
MANEUVERS

SELF ORGANIZING SYSTEMS

UF PERCEPTRONS
RT ARTIFICIAL INTELLIGENCE
LEARNING MACHINES
SYSTEMS
TURING MACHINES

SELF OSCILLATION

GS OSCILLATIONS
SELF OSCILLATION
RT FEEDBACK AMPLIFIERS
POSITIVE FEEDBACK
TRANSFER FUNCTIONS

SELF PROPAGATION

GS DIFFUSION
SELF PROPAGATION
TRANSMISSION
SELF PROPAGATION
RT PROPAGATION

SELF REGULATING

USE AUTOMATIC CONTROL

SELF REPAIRING DEVICES

RT AUTOMATION
DEVICES
MAINTENANCE

SELF SEALING

GS SEALING
SELF SEALING
RT FLIGHT SAFETY
FUEL SYSTEMS
RUPTURING
SUPPORT SYSTEMS

SELF STIMULATION

RT MOTIVATION
REINFORCEMENT (PSYCHOLOGY)

SELF SUBTRACTION HOLOGRAPHY

USE HOLOGRAPHIC SUBTRACTION

SELF SUSTAINED EMISSION

GS DECAY
EMISSION
SELF SUSTAINED EMISSION
RT ELECTRON EMISSION
LIGHT EMISSION
PARTICLE EMISSION
STIMULATED EMISSION

SELSYNS (TRADEMARK)

USE SERVOMOTORS

SEMANTICS

GS LINGUISTICS
SEMANTICS
RT COMMUNICATION THEORY
GRAMMARS
LANGUAGES
MESSAGE PROCESSING
MESSAGES
NOMENCLATURES
ORTHOGRAPHY
PARSING ALGORITHMS
PSYCHOLINGUISTICS
SENTENCES
SPEECH
SYLLABLES
SYMBOLS
SYNTAX
WORDS (LANGUAGE)

SEMICIRCULAR CANALS

GS ANATOMY
SENSE ORGANS
EAR
SEMICIRCULAR CANALS
RT EARDRUMS
LABYRINTH
MIDDLE EAR
VESTIBULES

SEMICONDUCTING FILMS

RT AMORPHOUS SEMICONDUCTORS
ENERGY ABSORPTION FILMS
FILMS
PHOTOTHERMAL CONVERSION
THICK FILMS
THIN FILMS

SEMICONDUCTOR DEVICES

GS ELECTRONIC EQUIPMENT
SOLID STATE DEVICES
SEMICONDUCTOR DEVICES
AVALANCHE DIODES
CRYOSAR
BARRITT DIODES
GERMANIUM DIODES
HETEROJUNCTION DEVICES
JUNCTION DIODES
MIM DIODES
STEP RECOVERY DIODES
LIGHT EMITTING DIODES
METAL OXIDE SEMICONDUCTORS
CHARGE TRANSFER DEVICES

SEMICONDUCTOR DEVICES-(CONT.)

..... BUCKET BRIGADE DEVICES
 CHARGE COUPLED DEVICES
 FAIRCHILD CCD-450 MEMORY
 DEVICE
 CMOS
 SOS (SEMICONDUCTORS)
 MIM (SEMICONDUCTORS)
 MIS (SEMICONDUCTORS)
 NDM SEMICONDUCTOR DEVICES
 NEURISTORS
 PARAMETRIC DIODES
 PHOTODIODES
 PHOTOVOLTAIC CELLS
 SCHOTTKY DIODES
 SEMICONDUCTOR LASERS
 GALLIUM ARSENIDE LASERS
 THERMISTORS
 THYRISTORS
 SILICON CONTROLLED
 RECTIFIERS
 TRANSFERRED ELECTRON DEVICES
 TRANSISTOR AMPLIFIERS
 TRANSISTORS
 BIPOLAR TRANSISTORS
 FIELD EFFECT TRANSISTORS
 CHARGE FLOW DEVICES
 JFET
 JUNCTION TRANSISTORS
 JFET
 PHOTOTRANSISTORS
 SILICON TRANSISTORS
 SOS (SEMICONDUCTORS)
 TRAPATT DEVICES
 VARACTOR DIODES
 VARISTORS
 RT BARRIER LAYERS
 BUBBLE TECHNIQUE
 CHIPS (MEMORY DEVICES)
 CRYSTAL RECTIFIERS
 DIFFUSION ELECTRODES
 DIODES
 GUNN DIODES
 GUNN EFFECT
 HALL EFFECT
 HYBRID CIRCUITS
 ION IMPLANTATION
 ∞ JUNCTIONS
 MICROMINIATURIZATION
 MOLECULAR ELECTRONICS
 ORGANIC SEMICONDUCTORS
 OSCILLATORS
 PARAMETRIC AMPLIFIERS
 PENTODES
 RECTIFIERS
 SEMICONDUCTORS (MATERIALS)
 SILICON FILMS
 SOLAR CELLS
 TETRODES
 TRIODES
 WAFERS

SEMICONDUCTOR DIODES

GS ELECTRONIC EQUIPMENT
 . DIODES
 . SEMICONDUCTOR DIODES
 . AVALANCHE DIODES
 . BARRITT DIODES
 . GERMANIUM DIODES
 . GUNN DIODES
 . JUNCTION DIODES
 . LIGHT EMITTING DIODES
 . PARAMETRIC DIODES
 . PHOTODIODES
 . SCHOTTKY DIODES
 . TUNNEL DIODES
 . VARACTOR DIODES
 RT MIM DIODES
 SIS (SEMICONDUCTORS)

SEMICONDUCTOR INSULATOR SEMICONDUCTORS

USE SIS (SEMICONDUCTORS)

SEMICONDUCTOR JUNCTIONS

GS SEMICONDUCTOR JUNCTIONS
 . MBM JUNCTIONS
 . N-N JUNCTIONS
 . N-P-N JUNCTIONS
 . P-I-N JUNCTIONS
 . P-N JUNCTIONS
 . P-N-P JUNCTIONS
 . P-N-P-N JUNCTIONS
 . SILICON JUNCTIONS
 RT BARRITT DIODES
 HETEROJUNCTION DEVICES

SEMICONDUCTOR JUNCTIONS-(CONT.)

HETEROJUNCTIONS
 HOMOJUNCTIONS
 ∞ JUNCTIONS
 N-TYPE SEMICONDUCTORS
 P-TYPE SEMICONDUCTORS
 SCHOTTKY DIODES
 SIS (SEMICONDUCTORS)
 SEMICONDUCTOR LASERS
 GS ELECTRONIC EQUIPMENT
 . SOLID STATE DEVICES
 . SEMICONDUCTOR DEVICES
 . SEMICONDUCTOR LASERS
 . GALLIUM ARSENIDE LASERS
 . STIMULATED EMISSION DEVICES
 . LASERS
 . SEMICONDUCTOR LASERS
 . GALLIUM ARSENIDE LASERS
 RT GALLIUM ARSENIDES
 GUNN EFFECT
 INJECTION LASERS
 LASER CAVITIES
 PULSED LASERS
 Q SWITCHED LASERS
 SOLID STATE LASERS
 WAVEGUIDE LASERS

SEMICONDUCTOR PLASMAS

RT ELECTRON MOBILITY
 ELECTRON-HOLE DROPS
 HOLES (ELECTRON DEFICIENCIES)
 PLASMA PHYSICS
 SEMICONDUCTORS (MATERIALS)

SEMICONDUCTORS (MATERIALS)

GS SEMICONDUCTORS (MATERIALS)
 . ACCEPTOR MATERIALS
 . AMORPHOUS SEMICONDUCTORS
 . DONOR MATERIALS
 . METAL OXIDE SEMICONDUCTORS
 . CHARGE TRANSFER DEVICES
 . CMOS
 . SOS (SEMICONDUCTORS)
 . METAL-NITRIDE-OXIDE-SEMICONDUCTO
 RS
 . METAL-NITRIDE-OXIDE-SILICON
 . MIM (SEMICONDUCTORS)
 . MIS (SEMICONDUCTORS)
 . MOM (SEMICONDUCTORS)
 . N-TYPE SEMICONDUCTORS
 . ORGANIC SEMICONDUCTORS
 . P-TYPE SEMICONDUCTORS
 . PHOTOCONDUCTORS
 . VYCOR
 RT ALUMINUM ARSENIDES
 BIPOLAR TRANSISTORS
 BUCKET BRIGADE DEVICES
 CARRIER DENSITY (SOLID STATE)
 CARRIER INJECTION
 CHARGE COUPLED DEVICES
 CONDUCTION BANDS
 CONDUCTORS
 ELECTRIC CONDUCTORS
 ELECTRON DENSITY (CONCENTRATION)
 ELECTRON TUNNELING
 ELECTRONS
 EMITTERS
 EXCITONS
 GALLIUM NITRIDES
 HOLE DISTRIBUTION (ELECTRONICS)
 HOLES (ELECTRON DEFICIENCIES)
 INDIUM ANTIMONIDES
 INDIUM TELLURIDES
 INTERMETALLICS
 MAJORITY CARRIERS
 ∞ MATERIALS
 MELTS (CRYSTAL GROWTH)
 METALLOIDS
 MINORITY CARRIERS
 ORGANIC CHARGE TRANSFER SALTS-
 POLYACETYLENE
 RESISTORS
 SCREEN EFFECT
 SEMICONDUCTOR DEVICES
 SEMICONDUCTOR PLASMAS
 ∞ SOLID STATE PHYSICS
 THERMOELECTRIC MATERIALS

SEMIEMPIRICAL EQUATIONS

RT ALGEBRA
 ∞ EQUATIONS
 PARAMETERIZATION

SEMI-METALS

USE METALLOIDS

SEMISOLIDS

RT PLASTIC PROPERTIES
 THIXOTROPY
 VISCOUS FLUIDS

SEMISPAN MODELS

GS MODELS
 . SEMISPAN MODELS
 RT AERODYNAMIC CONFIGURATIONS
 AIRCRAFT MODELS
 SCALE MODELS
 WIND TUNNEL MODELS

SENARMONT POLARISCOPES

GS MEASURING INSTRUMENTS
 . POLARISCOPES
 . SENARMONT POLARISCOPES
 OPTICAL EQUIPMENT
 . POLARISCOPES
 . SENARMONT POLARISCOPES
 RT LASERS
 OPTICAL MEASURING INSTRUMENTS

SENDERS

USE TRANSMITTERS

SENECA AIRCRAFT

USE PA-34 SENECA AIRCRAFT

SENECA HELICOPTER

USE NH-41 HELICOPTER

SENEGAL

RT AFRICA
 NATIONS

SENN REACTOR

GS NUCLEAR ELECTRIC POWER
 GENERATION
 . NUCLEAR POWER REACTORS
 . SENN REACTOR
 NUCLEAR REACTORS
 . LIQUID COOLED REACTORS
 . WATER COOLED REACTORS
 . BOILING WATER REACTORS
 . SENN REACTOR
 . NUCLEAR POWER REACTORS
 . SENN REACTOR
 . WATER MODERATED REACTORS
 . SENN REACTOR

SENSE ORGANS

GS ANATOMY
 . SENSE ORGANS
 . BARORECEPTORS
 . CHEMORECEPTORS
 . EAR
 . CORTI ORGAN
 . EARDRUMS
 . LABYRINTH
 . COCHLEA
 . VESTIBULES
 . MASTOIDS
 . MIDDLE EAR
 . SEMICIRCULAR CANALS
 . EUSTACHIAN TUBES
 . EYE (ANATOMY)
 . CHOROID MEMBRANES
 . CONJUNCTIVA
 . CORNEA
 . OCULOMOTOR NERVES
 . PUPILS
 . RETINA
 . FOVEA
 . GRAVIRECEPTORS
 . OTOLITH ORGANS
 . MECHANORECEPTORS
 . PHOTORECEPTORS
 . PROPRIOCEPTORS
 . THERMORECEPTORS
 RT FINGERS
 HEAD (ANATOMY)
 NERVOUS SYSTEM
 OLFACTORY PERCEPTION
 PERCEPTUAL TIME CONSTANT
 RECEPTORS (PHYSIOLOGY)
 SENSITOMETRY
 SKIN (ANATOMY)

SENSES

USE SENSORY PERCEPTION

SENSIBILITY

USE SENSITIVITY

SENSING

SENSING
USE DETECTION

SENSITIVITY

UF INSENSITIVITY
SENSIBILITY
GS **SENSITIVITY**
. ANAPHYLAXIS
. IMPACT RESISTANCE
. NOTCH SENSITIVITY
. PAIN SENSITIVITY
. PHOTSENSITIVITY
. LIGHT ADAPTATION
. PHOTOTROPISM
. PROPELLANT SENSITIVITY
. RADIATION TOLERANCE
. SENSITOMETRY
. SPECTRAL SENSITIVITY
RT ACUITY
ADAPTATION
AMPLIFICATION
AUDITORY PERCEPTION
DYNAMIC CHARACTERISTICS
DYNAMIC RESPONSE
∞ FREQUENCY RESPONSE
ITCHING
PERCEPTION
PRECISION
RANGE (EXTREMES)
REACTION TIME
∞ RESISTANCE
RESOLUTION
SENSITIZING
SHOCK RESISTANCE
∞ THRESHOLDS
THRESHOLDS (PERCEPTION)
TOLERANCES (MECHANICS)
TRANSFER FUNCTIONS
TRANSIENT RESPONSE
VISIBILITY
VULNERABILITY

SENSITIZING

RT ACTIVATION
ACTUATION
ANAPHYLAXIS
CORROSION PREVENTION
SENSITIVITY

SENSITOMETRY

GS SENSITIVITY
. **SENSITOMETRY**
GRAVIRECEPTORS
MECHANORECEPTORS
PHOTORECEPTORS
PHOTSENSITIVITY
PROPRIOCEPTORS
RADIATION MEASUREMENT
RECEPTORS (PHYSIOLOGY)
SENSE ORGANS
THERMORECEPTORS

SENSORIMOTOR PERFORMANCE

GS **SENSORIMOTOR PERFORMANCE**
. PSYCHOMOTOR PERFORMANCE
. PSYCHOSOMATICS
RT AFFERENT NERVOUS SYSTEMS
Efferent Nervous Systems
HUMAN PERFORMANCE
HUMAN REACTIONS
PERCEPTUAL TIME CONSTANT
PHYSIOLOGICAL TESTS
PILOT PERFORMANCE
REACTION TIME
SENSORY FEEDBACK

∞ SENSORS

SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)*
UF PICKOFFS
PICKUPS
RT BIOINSTRUMENTATION
CHARACTER RECOGNITION
CHARGE FLOW DEVICES
CONTOUR SENSORS
CROP IDENTIFICATION
DATA ACQUISITION
ELECTRONIC TRANSDUCERS
FLIR DETECTORS
GAS DETECTORS
GUIDANCE SENSORS
IMAGE VELOCITY SENSORS
LASER GYROSCOPES
MEASURING INSTRUMENTS

SENSORS-(CONT.)

MICROWAVE SENSORS
MULTISPECTRAL LINEAR ARRAYS
REMOTE SENSORS
SERVOMOTORS
TRANSDUCERS

SENSORY DEPRIVATION

GS DEPRIVATION
RT **SENSORY DEPRIVATION**
CONFINEMENT
CONFINING
MONOTONY
PERCEPTION

SENSORY DISCRIMINATION

GS DISCRIMINATION
. **SENSORY DISCRIMINATION**
. TACTILE DISCRIMINATION
. VISUAL DISCRIMINATION
RT SPEECH RECOGNITION
TIME DISCRIMINATION

SENSORY FEEDBACK

UF FEELINGS
GS FEEDBACK
. NEGATIVE FEEDBACK
. **SENSORY FEEDBACK**
RT EMOTIONAL FACTORS
EMOTIONS
MOODS
MOON ILLUSION
NONLINEAR FEEDBACK
PERCEPTION
SENSORIMOTOR PERFORMANCE

SENSORY PERCEPTION

UF SENSES
GS PERCEPTION
. **SENSORY PERCEPTION**
. CONSCIOUSNESS
. EXTRASENSORY PERCEPTION
. KINESTHESIA
. OLFACTORY PERCEPTION
. PAIN
. PAIN SENSITIVITY
. PROPRIOCEPTION
. AUTOKINESIS
. TASTE
. TOUCH
. TACTILE DISCRIMINATION
. VERTICAL PERCEPTION
. VIBRATION PERCEPTION
. VISUAL PERCEPTION
. CRITICAL FLICKER FUSION
. SPACE PERCEPTION
. AUTOKINESIS
. VISUAL DISCRIMINATION
RT AFTERIMAGES
ANESTHESIA
ELECTROCUTANEOUS COMMUNICATION
ITCHING

SENSORY STIMULATION

GS STIMULATION
RT **SENSORY STIMULATION**
CHRONAXY
EMOTIONAL FACTORS
SUBLIMINAL STIMULI

SENTENCES

GS LANGUAGES
. **SENTENCES**
. WORDS (LANGUAGE)
. SYLLABLES
LINGUISTICS
. SYNTAX
. **SENTENCES**
. WORDS (LANGUAGE)
. SYLLABLES
RT COMMUNICATION THEORY
MESSAGES
SEMANTICS
SIGNAL RECEPTION
SIGNAL TRANSMISSION
SPEECH
TALKING

SENTINEL SYSTEM

GS WEAPON SYSTEMS
. **SENTINEL SYSTEM**
RT ANTIMISSILE DEFENSE
ANTIMISSILE MISSILES
CIVIL DEFENSE
NIKE MISSILES

NASA THESAURUS (VOLUME 1)

SENTINEL SYSTEM-(CONT.)

SAFEGUARD SYSTEM
SPARTAN MISSILE
SPRINT MISSILE
SURFACE TO AIR MISSILES
∞ SYSTEMS

SEOCs (SATELLITE)

GS SATELLITES
. ARTIFICIAL SATELLITES
. METEOROLOGICAL SATELLITES
. **SEOCs (SATELLITE)**
. EARTH SATELLITES
. METEOROLOGICAL SATELLITES
. **SEOCs (SATELLITE)**

SEOS

USE SYNCHRONOUS EARTH OBSERVATORY
SATELLITE

SEPAC (PAYLOAD)

UF SPACE EXPER WITH PARTICLE
ACCELERATORS
GS PAYLOADS
. **SEPAC (PAYLOAD)**
RT PARTICLE ACCELERATORS
SPACELAB

SEPARATED FLOW

UF FLOW SEPARATION
GS FLUID FLOW
. VISCOUS FLOW
. BOUNDARY LAYER FLOW
. **SEPARATED FLOW**
. BOUNDARY LAYER SEPARATION
RT CAVITATION FLOW
CONICAL FLOW
CROCCO-LEE THEORY
FLOW CHARACTERISTICS
FLOW DISTRIBUTION
REATTACHED FLOW
REVERSED FLOW
∞ SEPARATION
SURFACE ROUGHNESS EFFECTS
TURBULENCE EFFECTS
VORTEX FLAPS

∞ SEPARATION

SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)*
UF SEGREGATION
RT ADSORPTION
AERATION
AGGLOMERATION
AGITATION
BENEFICIATION
BOUNDARY LAYER SEPARATION
BREAKING
CENTRIFUGING
CHEMICAL FRACTIONATION
CHIPPING
CLASSIFIERS
CLEANING
COAGULATION
COALESCING
COANDA EFFECT
COLLOIDS
CONCENTRATING
CONDENSING
CRYSTALLIZATION
CUTTING
DECONTAMINATION
DEGASSING
DEHUMIDIFICATION
DEHYDRATION
DEIONIZATION
DELAMINATING
DEMINEALIZING
DEOXYGENATION
DEPOSITION
DESCALING
DESORPTION
DIALYSIS
DIFFUSION
DISPERSING
DISSOLVING
DISTERMINATING
DISTILLATION
DIVERTERS
∞ DIVISION
DRYING
ELECTRODIALYSIS
ELECTROSTATIC PRECIPITATORS
ELIMINATION

SEPARATION-(CONT.)

ELUTION
 EVAPORATION
 EXCHANGING
 EXCLUSION
 EXTERNAL STORE SEPARATION
 EXTRACTION
 FILTRATION
 FLAKING
 FLASHING (VAPORIZING)
 FLOTATION
 FLUSHING
 FOAMING
 FRACTIONATION
 FRACTURING
 HOMOGENIZING
 ION EXCHANGING
 ION EXTRACTION
 ION STRIPPING
 ISOLATION
 LEACHING
 MATERIALS RECOVERY
 MELTING
 MIXING
 OSMOSIS
 PERCOLATION
 POLARIZATION (CHARGE SEPARATION)
 PRECIPITATION (CHEMISTRY)
 PURGING
 PURIFICATION
 RADIOCHEMICAL SEPARATION
 RECRYSTALLIZATION
 REFINING
 REMOVAL
 SCRAPERS
 SEPARATED FLOW
 SEPARATORS
 SETTLING
 SHAKING
 SHEARING
 SIZE SEPARATION
 SLICING
 SOLVENT EXTRACTION
 SORPTION
 SPACING
 SPLITTING
 SPREADING
 STAGE SEPARATION
 STRIPPING (DISTILLATION)
 SUBLIMATION
 SWIRLING
 THERMAL DIFFUSION
 TUMBLING MOTION
 VAPORIZING
 VENTING
 WASHING
 ZONE MELTING

SEPARATORS

UF BATTERY SEPARATORS
 GS **SEPARATORS**
 . CLASSIFIERS
 . . SIZING SCREENS
 . . THICKENERS (EQUIPMENT)
 . DIVIDERS
 . DRYING APPARATUS
 . . DESICCATORS
 . . DUST COLLECTORS
 . EVAPORATORS
 . FLUID FILTERS
 . . AIR FILTERS
 . PRECIPITATORS
 . . ELECTROSTATIC PRECIPITATORS
 . SIEVES
 . SPIRALS (CONCENTRATORS)
 . STILLS
 RT CENTRIFUGES
 CLEANERS
 COLUMNS (PROCESS ENGINEERING)
 CONCENTRATING
 CONCENTRATORS
 CONDENSERS (LIQUIFIERS)
 CURTAINS
 ∞ DIFFUSERS
 DIVERTERS
 ∞ FILTERS
 FLOATS
 FLUIDIZED BED PROCESSORS
 FURNACES
 ION EXCHANGE MEMBRANE
 ELECTROLYTES
 MIXERS
 ∞ SEPARATION
 SHAKERS
 SPACERS
 TRAPS

SEPARATORS-(CONT.)

VAPORIZERS
 WASHERS (CLEANERS)
 WASHERS (SPACERS)
 WINDOWS (APERTURES)

SEPTUM

RT MEDIASTINUM
 MEMBRANES
 ∞ PARTITIONS

SEQUENCING

RT CONSECUTIVE EVENTS
 COORDINATION
 CRITICAL PATH METHOD
 INTERRUPTION
 ∞ OPERATIONS
 OPERATIONS RESEARCH
 PACKET SWITCHING
 PETRI NETS
 PLANNING
 PRIORITIES
 RANKING
 SCHEDULING
 SEQUENTIAL CONTROL
 SWITCHING
 SWITCHING THEORY
 TURNAROUND (STS)

SEQUENTIAL ANALYSIS

GS STATISTICAL ANALYSIS
 . **SEQUENTIAL ANALYSIS**
 RT QUALITY CONTROL
 SAMPLING

SEQUENTIAL COMPUTERS

GS DATA PROCESSING EQUIPMENT
 . COMPUTERS
 . . DIGITAL COMPUTERS
 . . . **SEQUENTIAL COMPUTERS**

SEQUENTIAL CONTROL

GS AUTOMATIC CONTROL
 . **SEQUENTIAL CONTROL**
 RT ACCURACY
 COMPUTER PROGRAMMING
 CONSECUTIVE EVENTS
 NUMERICAL CONTROL
 SEQUENCING

SERGEANT MISSILES

GS MISSILES
 . SURFACE TO SURFACE MISSILES
 . . **SERGEANT MISSILES**
 RT ARGO D-8 ROCKET VEHICLE
 JOURNEYMAN ROCKET VEHICLE
 JUNO 1 LAUNCH VEHICLE
 JUNO 2 LAUNCH VEHICLE
 JUPITER C ROCKET VEHICLE
 LITTLE JOE 2 LAUNCH VEHICLE
 SOLID PROPELLANT ROCKET ENGINES
 STRONGARM ROCKET VEHICLE

SERGENIUM

GS CHEMICAL ELEMENTS
 . ACTINIDE SERIES
 . . TRANSURANIUM ELEMENTS
 . . . **SERGENIUM**
 . . . NUCLIDES
 . . ISOTOPES
 . . . RADIOACTIVE ISOTOPES
 TRANSURANIUM ELEMENTS
 **SERGENIUM**
 HEAVY ELEMENTS
 . TRANSURANIUM ELEMENTS
 . . **SERGENIUM**
 METALS
 . ACTINIDE SERIES
 . . TRANSURANIUM ELEMENTS
 . . . **SERGENIUM**

SERIES (MATHEMATICS)

GS ANALYSIS (MATHEMATICS)
 . CALCULUS
 . **SERIES (MATHEMATICS)**
 . . ASYMPTOTIC SERIES
 . . . CAMPBELL-HAUSDORFF SERIES
 . . . COSINE SERIES
 . . . FOURIER SERIES
 . . . PADE APPROXIMATION
 . . . POWER SERIES
 . . . TAYLOR SERIES
 MACLAURIN SERIES
 . . . PROGRESSIONS
 . . PRONY SERIES

SERIES (MATHEMATICS)-(CONT.)

. . . SINE SERIES
 . . REAL VARIABLES
 . . **SERIES (MATHEMATICS)**
 . . . ASYMPTOTIC SERIES
 . . . CAMPBELL-HAUSDORFF SERIES
 . . . COSINE SERIES
 . . . FOURIER SERIES
 . . . PADE APPROXIMATION
 . . . POWER SERIES
 . . . TAYLOR SERIES
 MACLAURIN SERIES
 . . . PROGRESSIONS
 . . . PRONY SERIES
 . . . SINE SERIES
 RT ABEL FUNCTION
 CHEBYSHEV APPROXIMATION
 DIVERGENCE
 FORM FACTORS
 FOURIER-BESSEL TRANSFORMATIONS
 FUNCTION SPACE
 FUNCTIONAL ANALYSIS
 GIBBS PHENOMENON
 INFINITY
 SERIES EXPANSION
 SUMS

SERIES EXPANSION

GS EXPANSION
 . **SERIES EXPANSION**
 RT ASYMPTOTIC SERIES
 DIVERGENCE
 ∞ MATHEMATICS
 SERIES (MATHEMATICS)

SEROTONIN

GS AMINES
 . TRYPTAMINES
 . . **SEROTONIN**
 ORGANIC COMPOUNDS
 . **SEROTONIN**

SERPENTINE

GS MINERALS
 . **SERPENTINE**
 RT ASBESTOS
 CHROMITES
 ROCKS
 SOILS

SERRATIA

GS MICROORGANISMS
 . BACTERIA
 . . **SERRATIA**

SERT (ROCKET TESTS)

USE SPACE ELECTRIC ROCKET TESTS

SERT 1 SPACECRAFT

RT ELECTRIC PROPULSION
 ELECTRIC ROCKET ENGINES
 ENGINE TESTS
 SPACE ELECTRIC ROCKET TESTS
 ∞ SPACECRAFT

SERT 2 SPACECRAFT

RT ELECTRIC PROPULSION
 ELECTRIC ROCKET ENGINES
 ENGINE TESTS
 SPACE ELECTRIC ROCKET TESTS
 ∞ SPACECRAFT

SERUMS

GS **SERUMS**
 . INOCULUM
 RT ANTISERUMS
 ∞ FLUIDS
 PROTEINS

SERVICE LIFE

UF MACHINE LIFE
 GS LIFE (DURABILITY)
 . **SERVICE LIFE**
 RT ACCELERATED LIFE TESTS
 ∞ EQUIPMENT
 FATIGUE LIFE
 MAINTENANCE
 RETIREMENT FOR CAUSE

SERVICE MODULES

GS MODULES
 . **SERVICE MODULES**
 SPACECRAFT COMPONENTS
 . **SERVICE MODULES**

SERVICES

SERVICE MODULES-(CONT.)

RT APOLLO SPACECRAFT
COMMAND MODULES
SPACECRAFT DOCKING MODULES
SPACECRAFT MODULES

SERVICES

GS SERVICES
. MEDICAL SERVICES
. METEOROLOGICAL SERVICES
RT FOOD
GOVERNMENT PROCUREMENT
INVENTORY MANAGEMENT
LOGISTICS
LOGISTICS MANAGEMENT
MATERIALS HANDLING
PERSONNEL
PROCUREMENT
PROCUREMENT MANAGEMENT
PRODUCTS
SITE SELECTION
SUPPORT SYSTEMS
TRANSPORTATION
UTILITIES

SERVOAMPLIFIERS

GS AMPLIFIERS
. SERVOAMPLIFIERS
CONTROL EQUIPMENT
. SERVOAMPLIFIERS
CONTROLLERS
. SERVOMECHANISMS
. SERVOAMPLIFIERS
RT FEEDBACK AMPLIFIERS
FLY BY TUBE CONTROL
SERVOCONTROL

SERVOCONTROL

UF SERVOSTABILITY CONTROL
RT AIRCRAFT HYDRAULIC SYSTEMS
AUTOMATIC CONTROL
CONTROL
CONTROL MOMENT GYROSCOPES
CONTROL THEORY
DIGITAL COMMAND SYSTEMS
FEEDBACK CONTROL
HYDRAULIC EQUIPMENT
MANIPULATORS
MANUAL CONTROL
OFF-ON CONTROL
PNEUMATIC EQUIPMENT
PROPORTIONAL CONTROL
REMOTE CONTROL
ROCKET ENGINE CONTROL
SERVOAMPLIFIERS
SERVOMECHANISMS
SERVOMOTORS
STEPPING MOTORS
TURBOJET ENGINE CONTROL
VISUAL CONTROL

SERVOMECHANISMS

GS CONTROLLERS
. SERVOAMPLIFIERS
. SERVOAMPLIFIERS
. SERVOMOTORS
RT ACTIVE CONTROL
ACTUATORS
AIRCRAFT HYDRAULIC SYSTEMS
AUTOMATIC CONTROL
AUTOMATIC CONTROL VALVES
AUTOMATION
CONTROL
CONTROL MOMENT GYROSCOPES
ELECTRIC MOTORS
FEEDBACK CONTROL
HYDRAULIC EQUIPMENT
PNEUMATIC EQUIPMENT
RADAR EQUIPMENT
REMOTE CONTROL
ROBOTS
SELF ALIGNMENT
SERVOCONTROL
STEPPING MOTORS

SERVOMOTORS

UF MAGNESYN (TRADEMARK)
SELSYNS (TRADEMARK)
SERVOS
GS CONTROLLERS
. SERVOMECHANISMS
. SERVOMOTORS
MOTORS
. SERVOMOTORS
RT ACTUATORS

SERVOMOTORS-(CONT.)

AMPLIDYNES
AUTOMATIC CONTROL
ELECTRIC MOTORS
HELIOSTATS
ROTATING ELECTRICAL MACHINES
SENSORS
SERVOCONTROL
SLEWING
SYNCHRONIZERS
TORQUE MOTORS

SERVOS

USE SERVOMOTORS

SERVOSTABILITY CONTROL

USE SERVOCONTROL

SES

USE SURFACE EFFECT SHIPS

SET

SN (EXCLUDES SET THEORY)
GS MECHANICAL PROPERTIES
SET
RT DEFORMATION
SHEAR PROPERTIES

SET THEORY

UF SUBSETS (MATHEMATICS)
GS MATHEMATICAL LOGIC
SET THEORY
. BOREL SETS
. EQUIVALENCE
. THRESHOLD LOGIC
RT BOOLEAN ALGEBRA
BRANCHING (MATHEMATICS)
COMBINATORIAL ANALYSIS
CONJUNCTION
FIBONACCI NUMBERS
FUZZY SETS
FUZZY SYSTEMS
GRAPH THEORY
HYPERPLANES
LATTICES (MATHEMATICS)
LEBESGUE THEOREM
ORLICZ SPACE
PERMUTATIONS
SPACE
SUBDIVISIONS
SUBGROUPS
THEORIES

SETI

USE PROJECT SETI

SETTING

SN (USE OF A MORE SPECIFIC TERM IS
RECOMMENDED-CONSULT THE TERMS
LISTED BELOW)
RT ADJUSTING
COAGULATION
CURING
HARDENING (MATERIALS)
POLYMERIZATION
POSITIONING
SOLIDIFICATION

SETTLING

RT ACCUMULATIONS
AGGLOMERATION
AGITATION
BENEFICIATION
COAGULATION
COALESCING
CONCENTRATING
CRYSTALLIZATION
DEPOSITION
EFFLUENTS
FLOCCULATING
FLOTATION
PARTICLE MOTION
PRECIPITATION (CHEMISTRY)
PROCESSING
SEPARATION
SIZE SEPARATION
STOKES LAW (FLUID MECHANICS)
SUBSIDENCE
WATER TREATMENT

SETUPS

RT MACHINING
TOOLING

NASA THESAURUS (VOLUME 1)

SEVERE STORMS OBSERVING SATELLITE

USE STORMSAT SATELLITE

SEWAGE

GS WASTES
. SEWAGE
. SOLID WASTES
RT ACTIVATED SLUDGE
EFFLUENTS
ENVIRONMENT EFFECTS
HUMAN WASTES
LIQUID WASTES
METABOLIC WASTES
ORGANIC WASTES (FUEL CONVERSION)
SEWERS
WASTE DISPOSAL
WATER TREATMENT

SEWAGE TREATMENT

GS WASTE TREATMENT
. SEWAGE TREATMENT
RT AEROBES
ANAEROBES
CHEMICAL STERILIZATION
FILTRATION
MODULAR INTEGRATED UTILITY SYSTEM
PURIFICATION
SEDIMENTS
SLUDGE
TREATMENT
WASTE DISPOSAL

SEWERS

GS PIPELINES
. SEWERS
RT DRAINAGE
EFFLUENTS
GARBAGE
HUMAN WASTES
METABOLIC WASTES
SANITATION
SEWAGE
WASTE DISPOSAL
WASTES

SEWING

RT BINDING
JOINING
NEEDLES
WEAVING

SEX

RT DRIVES
FEMALES
MALES
SEX FACTOR

SEX FACTOR

RT FEMALES
MALES
PHYSIOLOGICAL FACTORS
PHYSIOLOGY
PSYCHOLOGICAL FACTORS
SEX
SEX GLANDS

SEX GLANDS

GS ANATOMY
. GLANDS (ANATOMY)
. SEX GLANDS
. GONADS
. OVARIES
. PROSTATE GLAND
. TESTES
VISCERA
. SEX GLANDS
. GONADS
. OVARIES
. PROSTATE GLAND
. TESTES
RT ESTROGENS
SEX FACTOR

SEXTANTS

GS MEASURING INSTRUMENTS
. OPTICAL MEASURING INSTRUMENTS
. SEXTANTS
OPTICAL EQUIPMENT
. OPTICAL MEASURING INSTRUMENTS
. SEXTANTS
RT NAVIGATION AIDS
POSITION INDICATORS
STADIMETERS
THEODOLITES
TRANSITS

SEYFERT GALAXIES
 GS CELESTIAL BODIES
 . GALAXIES
 . . **SEYFERT GALAXIES**
 RT GALACTIC NUCLEI
 INFRARED RADIATION
 LINE SPECTRA
 LUMINOUS INTENSITY
 STELLAR SPECTRA
 ULTRAVIOLET RADIATION

SPHERICS
 USE ATMOSPHERICS

SGEMP
 USE SYSTEM GENERATED
 ELECTROMAGNETIC PULSES

SGR (NUCLEAR REACTORS)
 USE SODIUM GRAPHITE REACTORS

SH-3 HELICOPTER
 UF HSS-2 HELICOPTER
 SEA KING HELICOPTER
 SIKORSKY HSS-2 HELICOPTER
 GS ANTISUBMARINE WARFARE AIRCRAFT
 . **SH-3 HELICOPTER**
 SIKORSKY AIRCRAFT
 . **SH-3 HELICOPTER**
 TRANSPORT AIRCRAFT
 . **SH-3 HELICOPTER**
 V/STOL AIRCRAFT
 . ROTARY WING AIRCRAFT
 . . HELICOPTERS
 . . . **SH-3 HELICOPTER**
 RT S-61 HELICOPTER
 SH-4 HELICOPTER

SH-4 HELICOPTER
 GS ANTISUBMARINE WARFARE AIRCRAFT
 . **SH-4 HELICOPTER**
 SIKORSKY AIRCRAFT
 . **SH-4 HELICOPTER**
 TRANSPORT AIRCRAFT
 . **SH-4 HELICOPTER**
 V/STOL AIRCRAFT
 . ROTARY WING AIRCRAFT
 . . HELICOPTERS
 . . . **SH-4 HELICOPTER**
 RT S-61 HELICOPTER
 SH-3 HELICOPTER

SH-34 HELICOPTER
 UF SEABAT HELICOPTER
 GS SIKORSKY AIRCRAFT
 . **SH-34 HELICOPTER**
 TRANSPORT AIRCRAFT
 . **SH-34 HELICOPTER**
 V/STOL AIRCRAFT
 . ROTARY WING AIRCRAFT
 . . HELICOPTERS
 . . . MILITARY HELICOPTERS
 **SH-34 HELICOPTER**
 RT ANTISUBMARINE WARFARE AIRCRAFT
 S-58 HELICOPTER
 TERRAIN FOLLOWING AIRCRAFT

SHACKLETON BOMBER
 GS ATTACK AIRCRAFT
 . BOMBER AIRCRAFT
 . . **SHACKLETON BOMBER**
 HAWKER SIDDELEY AIRCRAFT
 . **SHACKLETON BOMBER**
 MONOPLANES
 . **SHACKLETON BOMBER**

SHADES
 RT LOUVERS
 SHIELDING
 ∞ SHUTTERS

SHADOW WEAPON SYSTEM
 GS WEAPON SYSTEMS
 . **SHADOW WEAPON SYSTEM**

SHADOWGRAPH PHOTOGRAPHY
 UF SHADOWGRAPHS
 . SPARK SHADOWGRAPH PHOTOGRAPHY
 GS IMAGERY
 . **SHADOWGRAPH PHOTOGRAPHY**
 . . SCHLIEREN PHOTOGRAPHY
 PHOTOGRAPHY
 . **SHADOWGRAPH PHOTOGRAPHY**
 . . SCHLIEREN PHOTOGRAPHY

SHADOWGRAPH PHOTOGRAPHY-(CONT.)
 RT BLACK AND WHITE PHOTOGRAPHY
 COLOR PHOTOGRAPHY
 FLOW VISUALIZATION
 WIND TUNNEL MODELS

SHADOWGRAPHS
 USE SHADOWGRAPH PHOTOGRAPHY

SHADOWS
 GS **SHADOWS**
 . LUNAR SHADOW
 . PENUMBRAS
 RT CLOUD COVER
 CLOUDS (METEOROLOGY)
 DARKNESS
 ILLUMINATING
 LIGHT (VISIBLE RADIATION)
 NIGHT
 UMBRAS

SHAFTS (MACHINE ELEMENTS)
 UF AXLES
 JOURNALS (SHAFTS)
 TRUNNIONS
 GS ROTATING SHAFTS
 . **SHAFTS (MACHINE ELEMENTS)**
 . . TURBOSHAFTS
 RT AXES OF ROTATION
 BEARINGS
 BUSHINGS
 ∞ JOURNALS
 ∞ LOADING
 LOADS (FORCES)
 MANDRELS
 MECHANICAL DRIVES
 PACKINGS (SEALS)
 PINTLES
 PIVOTS
 ROTATING CYLINDERS
 SPINDLES
 SUPPORTS
 TORQUE
 TRANSMISSIONS (MACHINE ELEMENTS)
 VEHICLE WHEELS
 WHEELS

SHAKERS
 RT CLASSIFIERS
 MIXERS
 SEPARATORS
 SHAKING
 SIEVES
 SIZING SCREENS
 VERTICAL MOTION SIMULATORS
 VIBRATION SIMULATORS

SHAKING
 GS **SHAKING**
 . DITHERS
 RT AGITATION
 BUFFETING
 DISPERSING
 EPILEPSY
 FLAPPING
 FLUTTER
 MIXING
 ∞ SEPARATION
 SHAKERS
 STRUCTURAL VIBRATION
 SUSPENDING (MIXING)
 SWIRLING
 VIBRATION

SHALE OIL
 GS OILS
 . **SHALE OIL**
 RT FUEL OILS
 FUELS
 GASOLINE
 HYDROCARBON FUELS
 KEROGEN
 KEROSENE
 LUBRICATING OILS
 PARAFFINS
 RETORT PROCESSING

SHALES
 GS ROCKS
 . **SHALES**
 SEDIMENTARY ROCKS
 . **SHALES**
 RT BOREHOLES
 CLAYS
 EARTH RESOURCES

SHALES-(CONT.)
 MINERALS
 SOILS

SHALLOW SHELL EQUATIONS
 RT END PLATES
 PRESSURE VESSELS
 STRESS ANALYSIS

SHALLOW SHELLS
 GS SHELLS (STRUCTURAL FORMS)
 . **SHALLOW SHELLS**
 RT CRITICAL LOADING
 SHELL STABILITY
 SHELL THEORY

SHALLOW WATER
 GS WATER
 RT . **SHALLOW WATER**
 CNOIDAL WAVES
 FISHERIES
 OCEANOGRAPHY
 OCEANS
 REEFS
 SEAS
 SHORELINES
 TOPOGRAPHY
 WATER DEPTH

SHANKS
 USE JOINTS (JUNCTIONS)

SHANNON INFORMATION THEORY
 USE INFORMATION THEORY

SHANNON-WIENER MEASURE
 RT ENTROPY
 INFORMATION THEORY
 RANDOM VARIABLES

SHAPE CONTROL
 RT ACTUATORS
 CONTROL THEORY
 FLEXIBLE SPACECRAFT
 LARGE SPACE STRUCTURES
 SPACE PLATFORMS
 SPACECRAFT CONTROL

SHAPE MEMORY ALLOYS
 GS ALLOYS
 . **SHAPE MEMORY ALLOYS**
 . . NITINOL ALLOYS
 RT MICROSTRUCTURE
 NICKEL ALLOYS
 PHASE TRANSFORMATIONS
 PLASTIC MEMORY
 STRESS-STRAIN DIAGRAMS
 TEMPERATURE EFFECTS
 TITANIUM ALLOYS
 TRANSITION METALS

SHAPED CHARGES
 GS EXPLOSIVE DEVICES
 . **SHAPED CHARGES**
 RT AMMUNITION
 BOMBS (ORDNANCE)
 EXPLOSIVE FORMING
 EXPLOSIVES
 PROJECTILES
 TORPEDOES
 WARHEADS
 WEAPONS

SHAPERS
 GS TOOLS
 . MACHINE TOOLS
 . . **SHAPERS**
 RT GRINDING MACHINES
 MILLING MACHINES

SHAPES
 UF CURVED SURFACES
 FORM
 GS **SHAPES**
 . CONVEXITY
 . ELLIPTICITY
 . FLATNESS
 . LINE SHAPE
 . OGEE SHAPE
 . ROSETTE SHAPES
 . T SHAPE
 RT ASYMMETRY
 CONCAVITY
 CONTOUR SENSORS

SHARKS

SHAPES-(CONT.)

CONTOURS
CORNERS
∞ CROSS SECTIONS
CURVATURE
CURVED PANELS
GEOIDS
GEOMETRY
MORPHOLOGY
OBLATE SPHEROIDS
PLANFORMS
∞ PROFILES
PROFILOMETERS
PROLATENESS
∞ SURFACE GEOMETRY
SYMMETRY
TOPOLOGY

SHARKS

GS ANIMALS
. VERTEBRATES
. . . FISHES
. . . SHARKS

SHARP LEADING EDGES

GS EDGES
. LEADING EDGES
. . SHARP LEADING EDGES

∞ SHARPNESS

SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)*
RT CLARITY
CONTRAST
PRECISION

SHATTER CONES

GS CONES
. SHATTER CONES
ROCKS
. SHATTER CONES
RT CARBONACEOUS ROCKS
CRUSTAL FRACTURES
FORMATIONS
GEOLOGY
GEOMORPHOLOGY
METEORITE COLLISIONS
METEORITE CRATERS
SEDIMENTARY ROCKS
SHOCK LOADS
STRIATION
STRUCTURAL PROPERTIES (GEOLOGY)

SHATTERING

USE FRAGMENTATION

SHAWNEE HELICOPTER

USE CH-21 HELICOPTER

∞ SHEAR

SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)*
RT DILATATIONAL WAVES
SHEARING
SHEARS

SHEAR CREEP

GS MECHANICAL PROPERTIES
. CREEP PROPERTIES
. . SHEAR CREEP
RT PLASTIC DEFORMATION
TENSILE CREEP

SHEAR DISTURBANCES

USE S WAVES

SHEAR FATIGUE

USE SHEAR STRESS

SHEAR FLOW

GS FLUID FLOW
. SHEAR FLOW
RT COAXIAL FLOW
CORE FLOW
CREEP PROPERTIES
∞ FLOW
KOLMOGOROFF THEORY
KROOK EQUATION
MIXING LENGTH FLOW THEORY
PLASTIC FLOW
RICHARDSON NUMBER
STRATIFIED FLOW

SHEAR LAYERS

UF CHAPMAN SHEAR LAYER
RT BOUNDARY LAYERS
IONOSPHERE
∞ LAYERS
SHOCK LAYERS
SHOCK WAVE CONTROL
∞ TRANSITION LAYERS

SHEAR PROPERTIES

GS MECHANICAL PROPERTIES
. SHEAR PROPERTIES
. . SHEAR STRENGTH
RT CREEP PROPERTIES
DUCTILITY
FATIGUE (MATERIALS)
HOOKES LAW
HYSTERESIS
IMPACT STRENGTH
MODULUS OF ELASTICITY
RESILIENCE
SET
STRESS RELAXATION
STRESS-STRAIN DIAGRAMS
STRESSES
TEMPERATURE INVERSIONS
TOUGHNESS

SHEAR STRAIN

RT MECHANICAL PROPERTIES
STRUCTURAL STRAIN
TORSIONAL VIBRATION

SHEAR STRENGTH

GS MECHANICAL PROPERTIES
. SHEAR PROPERTIES
. . SHEAR STRENGTH
RT COMPRESSIVE STRENGTH
FIBER STRENGTH
HIGH STRENGTH
INTERFACIAL ENERGY
∞ STRENGTH
TENSILE STRENGTH

SHEAR STRESS

UF SHEAR FATIGUE
GS SHEARING STRESS
STRESSES
. SHEAR STRESS
. . TORSIONAL STRESS
RT MECHANICAL PROPERTIES

SHEAR WAVES

USE S WAVES

SHEARING

GS CUTTING
. SHEARING
RT BLANKING (CUTTING)
COLD WORKING
FAILURE
FAILURE MODES
HOT WORKING
LOADS (FORCES)
METAL CUTTING
METAL WORKING
∞ SEPARATION
∞ SHEAR
SHEARS
STAMPING
STRUCTURAL STRAIN

SHEARING STRESS

USE SHEAR STRESS

SHEARS

GS CUTTERS
. SHEARS
TOOLS
. SHEARS
RT MACHINE TOOLS
SAWS
∞ SHEAR
SHEARING

SHEATHS

GS SHEATHS
. ION SHEATHS
. PLASMA SHEATHS
RT ∞ CASING
ENCAPSULATING
FAIRINGS
JACKETS
LININGS

NASA THESAURUS (VOLUME 1)

SHEATHS-(CONT.)

PROTECTORS
ROOFS
WALLS

SHEDDING

RT EJECTION
MOLTING
PEELING
VORTEX SHEDDING

SHEDS

RT SHELTERS

SHEEP

GS ANIMALS
. VERTEBRATES
. . MAMMALS
. . . SHEEP
RT LIVESTOCK
WOOL

SHEET METAL

USE METAL SHEETS

∞ SHEETS

SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)*
RT COATINGS
CURRENT SHEETS
ELASTIC SHEETS
FABRICS
FLAT PLATES
LAMINATES
MEMBRANE STRUCTURES
MEMBRANES
METAL FOILS
METAL SHEETS
MULTILAYER INSULATION
NEUTRAL SHEETS
PANELS
PAPERS
POLYMERIC FILMS
THICK PLATES
THIN PLATES
VORTEX SHEETS
VORTEX STREETS
WEBS (SHEETS)

SHELL STABILITY

GS MECHANICAL PROPERTIES
. DIMENSIONAL STABILITY
. . STRUCTURAL STABILITY
. . . SHELL STABILITY
STABILITY
. STATIC STABILITY
. . DIMENSIONAL STABILITY
. . . STRUCTURAL STABILITY
. . . SHELL STABILITY
RT BUCKLING
FLUID FILLED SHELLS
LIQUID FILLED SHELLS
ORTHOTROPIC SHELLS
REINFORCED SHELLS
SHALLOW SHELLS

SHELL THEORY

RT PERFORATED SHELLS
SELF CONSISTENT FIELDS
SHALLOW SHELLS
∞ THEORIES

SHELLFISHES

RT COASTAL WATER
MARINE BIOLOGY
MARINE ENVIRONMENTS
MARINE RESOURCES
MOLLUSKS

SHELLS (STRUCTURAL FORMS)

GS SHELLS (STRUCTURAL FORMS)
. ANISOTROPIC SHELLS
. CIRCULAR SHELLS
. CONICAL SHELLS
. CORRUGATED SHELLS
. CYLINDRICAL SHELLS
. DOMES (STRUCTURAL FORMS)
. . RADOMES
. ELASTIC SHELLS
. FLUID FILLED SHELLS
. . LIQUID FILLED SHELLS
. HEMISPHERICAL SHELLS
. METAL SHELLS

SHELLS (STRUCTURAL FORMS)-(CONT.)

. ORTHOTROPIC SHELLS
 . PERFORATED SHELLS
 . REINFORCED SHELLS
 . SHALLOW SHELLS
 . SPHERICAL SHELLS
 . SPHERICAL CAPS
 . THIN WALLED SHELLS
 . TOROIDAL SHELLS
 RT AIRCRAFT STRUCTURES
 ARCHES
 BAYS (STRUCTURAL UNITS)
 ∞ CAPSULES
 COVERINGS
 COWLINGS
 ENCLOSURES
 FAIRINGS
 HOUSINGS
 HULLS (STRUCTURES)
 ISOTENSOID STRUCTURES
 MEMBRANE STRUCTURES
 MEMBRANES
 MONOCOQUE STRUCTURES
 NACELLES
 PRESSURE VESSEL DESIGN
 PROTUBERANCES
 ROCKET ENGINE CASES
 SKIN (STRUCTURAL MEMBER)
 WALLS

SHELTERS

GS **SHELTERS**
 . LUNAR SHELTERS
 RT ∞ BUILDINGS
 CIVIL DEFENSE
 ENVIRONMENTAL ENGINEERING
 HABITABILITY
 SHEDS
 STARSITE PROGRAM
 SURVIVAL

∞ SHELVES

SN *(USE OF A MORE SPECIFIC TERM IS
 RECOMMENDED--CONSULT THE TERMS
 LISTED BELOW)*
 RT BEDROCK
 CASES (CONTAINERS)
 CLIFFS
 CONTINENTAL SHELVES
 RACKS (FRAMES)
 REEFS

SHENANDOAH VALLEY (VA)

GS VALLEYS
 . SHENANDOAH VALLEY (VA)
 RT RIVER BASINS
 VIRGINIA

SHIELDING

GS **SHIELDING**
 . ELECTROMAGNETIC SHIELDING
 . . RADIO FREQUENCY SHIELDING
 . ELECTROSTATIC SHIELDING
 . HEAT SHIELDING
 . . REENTRY SHIELDING
 . . REUSABLE HEAT SHIELDING
 . MAGNETIC SHIELDING
 . RADIATION SHIELDING
 . . SOLAR RADIATION SHIELDING
 . SPACECRAFT SHIELDING
 RT ABLATIVE NOSE CONES
 ABSORBERS (MATERIALS)
 ARMOR
 ATTENUATION
 ATTENUATORS
 BAFFLES
 ∞ BARRIERS
 BLAST DEFLECTORS
 BLINDS
 DEFLECTORS
 DIVERTERS
 ENCLOSURES
 FLAME DEFLECTORS
 GUARDS (SHIELDS)
 HOUSINGS
 LININGS
 LOUVERS
 MANIPULATORS
 PANELS
 PROTECTION
 PROTECTORS
 SAFETY DEVICES
 ∞ SCREENS
 SHADES
 SUPPRESSORS

SHIELDING-(CONT.)

WINDOWS (APERTURES)
 WINDSHIELDS

SHIELDS (GEOLOGY)

USE BEDROCK

∞ SHIFT

SN *(USE OF A MORE SPECIFIC TERM IS
 RECOMMENDED--CONSULT THE TERMS
 LISTED BELOW)*
 RT EXCHANGING
 FREQUENCY SHIFT
 PHASE SHIFT
 SHIFT REGISTERS
 TRANSFERRING

SHIFT REGISTERS

RT COMPUTER COMPONENTS
 COMPUTER STORAGE DEVICES
 DELAY LINES (COMPUTER STORAGE)
 DIGITAL TECHNIQUES
 FAIRCHILD CCD-450 MEMORY DEVICE
 REGISTERS (COMPUTERS)
 ∞ SHIFT

SHIFTING EQUILIBRIUM FLOW

GS FLUID FLOW
 . GAS FLOW
 . . EQUILIBRIUM FLOW
 . . . SHIFTING EQUILIBRIUM FLOW
 RT FROZEN EQUILIBRIUM FLOW

SHILLELAGH MISSILES

GS MISSILES
 . SURFACE TO SURFACE MISSILES
 . . ANTITANK MISSILES
 . . . SHILLELAGH MISSILES

SHIP HULLS

GS HULLS (STRUCTURES)
 . SHIP HULLS
 RT HYDRODYNAMIC COEFFICIENTS
 HYDRODYNAMICS
 SHIPS
 STRUCTURAL DESIGN
 SUBMARINES

SHIP TERMINALS

GS TERMINAL FACILITIES
 . SHIP TERMINALS
 RT ARTIFICIAL HARBORS
 DEEPWATER TERMINALS
 HARBORS
 MAROTS (ESA)
 OFFSHORE DOCKING
 TANKER TERMINALS
 ∞ TERMINALS
 WHARVES

SHIPS

GS WATER VEHICLES
 . SHIPS
 . . ADVANCED RANGE
 . . . INSTRUMENTATION SHIP
 . . . AIRCRAFT CARRIERS
 . . . CARGO SHIPS
 . . . SAVANNAH NUCLEAR SHIP
 . . . TANKER SHIPS
 . . . NUCLEAR POWERED SHIPS
 . . . SAVANNAH NUCLEAR SHIP
 . . . SATELLITE COMMUNICATIONS SHIPS
 . . . SUBMARINES
 . . . BALLISTIC MISSILE SUBMARINES
 . . . GUIDED MISSILE SUBMARINES
 . . . TRIDENT SUBMARINE
 . . . SURFACE EFFECT SHIPS
 . . . SWATH (SHIP)
 RT AMPHIBIOUS VEHICLES
 ANTISHIP MISSILES
 ANTISHIP WARFARE
 BOATS
 HARBORS
 HYDROFOIL CRAFT
 HYDROFOILS
 KEELS
 MARINE TRANSPORTATION
 ∞ MILITARY VEHICLES
 NAVY
 OCEAN DATA ACQUISITIONS SYSTEMS
 PROPELLERS
 SHIP HULLS
 SHIPYARDS
 SURFACE NAVIGATION
 SURFACE VEHICLES

SHIPS-(CONT.)

∞ TRANSPORT VEHICLES
 TRANSPORTATION ENERGY
 UNDERWATER VEHICLES
 ∞ VESSELS

SHIPYARDS

RT CARGO SHIPS
 CONSTRUCTION
 ENCLOSURES
 INDUSTRIAL AREAS
 INDUSTRIES
 LOGISTICS
 MAINTENANCE
 OCEANOGRAPHY
 ∞ PORTS
 SHIPS
 TANKER SHIPS
 WATER VEHICLES

SHIVA LASER SYSTEM

GS STIMULATED EMISSION DEVICES
 . LASERS
 . . HIGH POWER LASERS
 . . . SHIVA LASER SYSTEM
 RT COHERENT LIGHT
 LASER FUSION
 LASER OUTPUTS
 NOVA LASER SYSTEM
 ∞ SYSTEMS

SHIVERING

GS SHIVERING
 . DITHERS
 RT BODY TEMPERATURE

SHOALS

GS WATER
 . SHOALS
 RT BEACHES
 LAKES
 OCEANOGRAPHY
 OCEANS
 REEFS
 RIVERS
 SEAS
 WATER DEPTH

∞ SHOCK

SN *(USE OF A MORE SPECIFIC TERM IS
 RECOMMENDED--CONSULT THE TERMS
 LISTED BELOW)*
 RT CONVULSIONS
 MECHANICAL SHOCK
 SHOCK (PHYSIOLOGY)
 SHOCK RESISTANCE
 THERMAL SHOCK

SHOCK (PHYSIOLOGY)

RT HUMAN REACTIONS
 HUMAN TOLERANCES
 PHYSIOLOGICAL EFFECTS
 ∞ SHOCK

SHOCK ABSORBERS

RT ∞ ABSORBERS
 ABSORBERS (EQUIPMENT)
 CUSHIONS
 DAMPING
 ENERGY ABSORPTION
 HYDRAULIC EQUIPMENT
 IMPACT
 IMPACT ACCELERATION
 ISOLATORS
 LANDING GEAR
 MECHANICAL SHOCK
 PNEUMATIC EQUIPMENT
 SILENCERS
 SPRINGS (ELASTIC)
 SUSPENSION SYSTEMS (VEHICLES)
 VIBRATION DAMPING
 VIBRATION ISOLATORS

SHOCK DIFFUSERS

USE DIFFUSERS
 SHOCK WAVE ATTENUATION

SHOCK DISCONTINUITY

GS DISCONTINUITY
 . SHOCK DISCONTINUITY
 RT DENSITY DISTRIBUTION
 WAVE FRONTS

SHOCK FRONTS

SHOCK FRONTS

- GS WAVE FRONTS
- RT ∞ FRONTS
- WAVE PROPAGATION
- WAVE SCATTERING

SHOCK HEATING

- GS HEATING
- AERODYNAMIC HEATING
- SHOCK HEATING
- KINETIC HEATING
- SHOCK HEATING
- TRANSIENT HEATING
- SHOCK HEATING
- RT MAGNETOHYDRODYNAMIC SHEAR HEATING
- PLASMA HEATING

SHOCK LAYERS

- RT ∞ LAYERS
- NORMAL SHOCK WAVES
- OBLIQUE SHOCK WAVES
- SHEAR LAYERS
- STRESS WAVES
- ∞ TRANSITION LAYERS

SHOCK LOADS

- GS LOADS (FORCES)
- DYNAMIC LOADS
- TRANSIENT LOADS
- SHOCK LOADS
- BLAST LOADS
- RT AERODYNAMIC LOADS
- AXIAL COMPRESSION LOADS
- COMPRESSION LOADS
- CRUSTAL FRACTURES
- IMPACT LOADS
- LANDING LOADS
- SHATTER CONES
- STRUCTURAL DESIGN CRITERIA

SHOCK MEASURING INSTRUMENTS

- GS MEASURING INSTRUMENTS
- SHOCK MEASURING INSTRUMENTS
- RT ACCELEROMETERS
- PRESSURE GAGES
- SEISMOGRAPHS
- STRAIN GAGES

SHOCK RESISTANCE

- GS SHOCK RESISTANCE
- IMPACT RESISTANCE
- RT EARTHQUAKE RESISTANCE
- HIGH ACCELERATION
- IMPACT
- MECHANICAL PROPERTIES
- MECHANICAL SHOCK
- PROPELLANT SENSITIVITY
- ∞ RESISTANCE
- SENSITIVITY
- ∞ SHOCK
- THERMAL SHOCK
- VIBRATION

SHOCK SIMULATORS

- GS SIMULATORS
- SHOCK SIMULATORS
- RT VERTICAL MOTION SIMULATORS
- VIBRATION SIMULATORS

SHOCK SPECTRA

- GS SPECTRA
- SHOCK SPECTRA
- RT DYNAMIC STRUCTURAL ANALYSIS
- ENERGY SPECTRA
- MECHANICAL SHOCK
- NOISE SPECTRA
- STROKING TESTS
- STRUCTURAL DESIGN
- STRUCTURAL VIBRATION
- VIBRATIONAL SPECTRA

SHOCK TESTS

- RT DROP TESTS
- IMPACT TESTS
- LOAD TESTS
- RAILROAD HUMMING TESTS
- ∞ TESTS
- VIBRATION TESTS

SHOCK TUBES

- GS SHOCK WAVE GENERATORS
- SHOCK TUBES

SHOCK TUBES-(CONT.)

- MAGNETIC ANNULAR SHOCK TUBES
- SHOCK TUBES
- RT GAS TEMPERATURE
- HOTSHOT WIND TUNNELS
- HYPERSONIC FLOW
- HYPERSONIC WIND TUNNELS
- HYPERVELOCITY WIND TUNNELS
- LOW DENSITY RESEARCH
- LOW DENSITY WIND TUNNELS
- MAGNETIC PISTONS
- TEST FACILITIES
- TUBE LASERS
- ∞ TUBES

SHOCK TUNNELS

- GS SHOCK WAVE GENERATORS
- SHOCK TUBES
- SHOCK TUNNELS
- TEST FACILITIES
- WIND TUNNELS
- HYPERSONIC WIND TUNNELS
- SHOCK TUNNELS
- HYPERVELOCITY WIND TUNNELS
- SHOCK TUNNELS
- RT CASCADE WIND TUNNELS
- HOTSHOT WIND TUNNELS
- HYPERSONIC FLOW
- LOW DENSITY RESEARCH
- LOW DENSITY WIND TUNNELS
- SUPERSONIC WIND TUNNELS

SHOCK WAVE ATTENUATION

- UF SHOCK DIFFUSERS
- GS ATTENUATION
- ACOUSTIC ATTENUATION
- SHOCK WAVE ATTENUATION
- WAVE ATTENUATION
- SHOCK WAVE ATTENUATION
- RT ATMOSPHERIC ATTENUATION
- NOISE REDUCTION
- WAVE PROPAGATION

SHOCK WAVE CONTROL

- RT ∞ CONTROL
- SECONDARY INJECTION
- SHEAR LAYERS

SHOCK WAVE GENERATORS

- GS SHOCK WAVE GENERATORS
- SHOCK TUBES
- MAGNETIC ANNULAR SHOCK TUBES
- SHOCK TUNNELS
- RT ∞ GENERATORS
- MAGNETIC PISTONS
- PRESSURE SENSORS
- PULSE GENERATORS
- WAVE GENERATION

SHOCK WAVE INTERACTION

- GS WAVE INTERACTION
- SHOCK WAVE INTERACTION
- RT ∞ INTERACTIONS
- PROPAGATION MODES
- SCATTERING
- WAVE DEGRADATION

SHOCK WAVE LUMINESCENCE

- GS DECAY
- EMISSION
- LIGHT EMISSION
- LUMINESCENCE
- SHOCK WAVE LUMINESCENCE
- RT LOW DENSITY RESEARCH
- WAVE INTERACTION

SHOCK WAVE PROFILES

- RT KROOK EQUATION
- PRESSURE DISTRIBUTION
- ∞ PROFILES
- VELOCITY DISTRIBUTION
- WAVE INTERACTION

SHOCK WAVE PROPAGATION

- GS TRANSMISSION
- WAVE PROPAGATION
- SHOCK WAVE PROPAGATION
- RT ATMOSPHERIC ATTENUATION
- BURGER EQUATION
- CROCCO METHOD
- HIGH TEMPERATURE GASES
- NONEQUILIBRIUM RADIATION
- RANKINE-HUGONOT RELATION
- SECONDARY INJECTION
- SOUND PROPAGATION

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SHOCK WAVE PROPAGATION-(CONT.)

- TWO FLUID MODELS
- WAVE ATTENUATION
- WAVE INTERACTION

SHOCK WAVES

- UF BOW SHOCK WAVES
- GS ELASTIC WAVES
- SHOCK WAVES
- DETONATION WAVES
- MACH CONES
- NORMAL SHOCK WAVES
- OBLIQUE SHOCK WAVES
- RIEMANN WAVES
- SONIC BOOMS
- RT ADIABATIC EQUATIONS
- AERODYNAMIC NOISE
- BLAST LOADS
- ∞ BLASTS
- BOW WAVES
- CAUSTIC LINES
- CRUSTAL FRACTURES
- DETONATION
- EARTHQUAKE DAMAGE
- EARTHQUAKE RESISTANCE
- EARTHQUAKE RESISTANT STRUCTURES
- EARTHQUAKES
- ELECTROSTATIC WAVES
- EXPLODING WIRES
- EXPLOSIONS
- GAS TEMPERATURE
- GEODYNAMICS
- HUGONOT EQUATION OF STATE
- HYPERSONIC FLOW
- HYPERSONIC SHOCK
- HYPERSONIC WAVES
- IMPACT
- IMPLOSIONS
- LONGITUDINAL WAVES
- MACH NUMBER
- MACH REFLECTION
- MAGNETOHYDRODYNAMIC WAVES
- MECHANICAL SHOCK
- MOLECULAR RELAXATION
- NOISE (SOUND)
- NOVAE
- PLANE WAVES
- PLANETARY QUAKES
- PLASMA WAVES
- PLUMES
- PRESSURE PULSES
- SEISMIC WAVES
- SOUND PRESSURE
- SOUND WAVES
- STRESS WAVES
- SUPERSONIC FLOW
- ∞ TRANSITION LAYERS
- TRANSONIC FLOW
- TSUNAMI WAVES
- UNDERWATER ACOUSTICS
- UNDERWATER COMMUNICATION
- ∞ WAVES
- WEDGE FLOW
- WHITHAM RULE

SHOES

- GS CLOTHING
- SHOES
- RT BOOTS (FOOTWEAR)
- LEATHER
- PROTECTIVE CLOTHING
- SOCKS

SHOOTING STAR AIRCRAFT

- USE T-33 AIRCRAFT

SHOPS

- RT MAINTENANCE

SHORAN

- UF SHORT RANGE NAVIGATION
- GS NAVIGATION
- RADIO NAVIGATION
- HYPERBOLIC NAVIGATION
- SHORAN
- RT AIR NAVIGATION
- DECCA NAVIGATION
- DISTANCE MEASURING EQUIPMENT
- NAVIGATION AIDS
- SOLAR COMPASSES

SHORELINES

- RT BEACHES
- COASTAL WATER
- COASTS

SHORELINES-(CONT.)

LAKES
OCEANOGRAPHY
OCEANS
RIVERS
SHALLOW WATER
TIDAL FLATS
WETLANDS

SHORT AND HARLAND AIRCRAFT

GS **SHORT AND HARLAND AIRCRAFT**
 . SC-1 AIRCRAFT
 . SC-7 AIRCRAFT
 . SUNDERLAND 5 FLYING BOAT
 RT ∞ AIRCRAFT

SHORT BELFAST C MK-1 AIRCRAFT

USE SC-5 AIRCRAFT

SHORT CIRCUITS

GS ELECTRICAL FAULTS
 . **SHORT CIRCUITS**
 CIRCUITS
 RT ELECTRIC ARCS
 FAILURE
 JUMPERS
 SNEAK CIRCUIT ANALYSIS
 SYSTEM FAILURES

SHORT HAUL AIRCRAFT

GS TRANSPORT AIRCRAFT
 . **SHORT HAUL AIRCRAFT**
 . EUROPEAN AIRBUS
 . MERCURE AIRCRAFT
 RT AIR TRANSPORTATION
 ∞ AIRCRAFT
 AIRCRAFT DESIGN
 AIRLINE OPERATIONS
 PASSENGER AIRCRAFT
 V/STOL AIRCRAFT

SHORT RANGE BALLISTIC MISSILES

GS MISSILES
 . BALLISTIC MISSILES
 . **SHORT RANGE BALLISTIC MISSILES**
 . . . AUTOMET MISSILE
 . SURFACE TO SURFACE MISSILES
 . **SHORT RANGE BALLISTIC MISSILES**
 . . . AUTOMET MISSILE
 RT FIELD ARMY BALLISTIC MISSILES
 INTERMEDIATE RANGE BALLISTIC MISSILES

SHORT RANGE NAVIGATION

USE SHORAN

SHORT SC-1 AIRCRAFT

USE SC-1 AIRCRAFT

SHORT SC-5 AIRCRAFT

USE SC-5 AIRCRAFT

SHORT SC-7 AIRCRAFT

USE SC-7 AIRCRAFT

SHORT TAKEOFF AIRCRAFT

UF STOL AIRCRAFT
 GS V/STOL AIRCRAFT
 . **SHORT TAKEOFF AIRCRAFT**
 . BREGUET 940 AIRCRAFT
 . BREGUET 941 AIRCRAFT
 . BREGUET 942 AIRCRAFT
 . C-15 AIRCRAFT
 . C-123 AIRCRAFT
 . DHC 4 AIRCRAFT
 . DHC 5 AIRCRAFT
 . DO-29 AIRCRAFT
 . QUESTOL
 . RF-1 AIRCRAFT
 . SIAT 311 AIRCRAFT
 . U-10 AIRCRAFT
 . VZ-3 AIRCRAFT
 RT ∞ AIRCRAFT
 CIRCULATION CONTROL AIRFOILS
 COMPOUND HELICOPTERS
 EXTERNALLY BLOWN FLAPS
 FAN IN WING AIRCRAFT
 HELICOPTERS
 JATO ENGINES
 JET AIRCRAFT
 JET FLAPS
 LIFT FANS
 LIFTING ROTORS
 ∞ MILITARY AIRCRAFT

SHORT TAKEOFF AIRCRAFT-(CONT.)

POWERED LIFT AIRCRAFT
 ROTARY WING AIRCRAFT
 ∞ SUBSONIC AIRCRAFT
 TAKEOFF RUNS
 TILT WING AIRCRAFT
 VERTICAL TAKEOFF AIRCRAFT
 ∞ WINGED VEHICLES

SHORT WAVE RADIATION

SN (RADIO WAVES)
 GS ELECTROMAGNETIC RADIATION
 . RADIO WAVES
 . . **SHORT WAVE RADIATION**
 . . . MICROWAVES
 . . . CENTIMETER WAVES
 . . . DECIMETER WAVES
 . . . MICROWAVE EMISSION
 . . . MILLIMETER WAVES
 . . . SUBMILLIMETER WAVES
 RT FAR INFRARED RADIATION
 HIGH FREQUENCIES
 LONG WAVE RADIATION
 MONOCHROMATIC RADIATION

SHORT WAVE RADIO TRANSMISSION

GS TRANSMISSION
 . ELECTROMAGNETIC WAVE
 TRANSMISSION
 . . RADIO TRANSMISSION
 . . . **SHORT WAVE RADIO TRANSMISSION**
 . . . SIGNAL TRANSMISSION
 . . . RADIO TRANSMISSION
 . . . **SHORT WAVE RADIO TRANSMISSION**
 RT HIGH FREQUENCIES
 WAVE PROPAGATION

SHORTENING

USE REDUCTION

 ∞ SHOT

SN (USE OF A MORE SPECIFIC TERM IS
 RECOMMENDED--CONSULT THE TERMS
 LISTED BELOW)
 RT AMMUNITION
 LAUNCHING
 ORBITAL SHOTS
 PELLETS
 SHOT PEENING

SHOT NOISE

GS ELECTROMAGNETIC INTERFERENCE
 . RADIO FREQUENCY INTERFERENCE
 . . BLACKOUT (PROPAGATION)
 . . . ELECTROMAGNETIC NOISE
 . . . **SHOT NOISE**
 RT BARRITT DIODES
 THERMAL NOISE

SHOT PEENING

GS HARDENING (MATERIALS)
 . **SHOT PEENING**
 METAL FINISHING
 . PEENING
 . . **SHOT PEENING**
 RT COLD WORKING
 DESCALING
 FATIGUE (MATERIALS)
 METAL WORKING
 ∞ SHOT
 STRAIN HARDENING
 SURFACE FINISHING
 WORK HARDENING

SHOTPUT SOUNDING ROCKETS

GS ROCKET VEHICLES
 . MULTISTAGE ROCKET VEHICLES
 . . **SHOTPUT SOUNDING ROCKETS**
 . SOUNDING ROCKETS
 . . **SHOTPUT SOUNDING ROCKETS**
 RT ECHO SATELLITES
 SOLID PROPELLANT ROCKET ENGINES
 X-248 ENGINE
 XM-33 ENGINE

SHOULDERS

RT JOINTS (ANATOMY)
 SCAPULA

 ∞ SHOWERS

SN (USE OF A MORE SPECIFIC TERM IS
 RECOMMENDED--CONSULT THE TERMS
 LISTED BELOW)
 RT COSMIC RAY SHOWERS
 FLOOD PREDICTIONS
 METEOROID SHOWERS
 RAIN
 RAIN FORESTS
 RAINSTORMS

SHRAPNEL

RT FRAGMENTATION
 FRAGMENTS
 PROJECTILES
 WEAPONS

SHREDDING

GS COMMINATION
 . **SHREDDING**
 RT COMPOSTING
 CUTTING
 TEARING

SHREWS

GS ANIMALS
 . VERTEBRATES
 . . MAMMALS
 . . . SHREWS

SHRIKE MISSILE

GS MISSILES
 . AIR TO SURFACE MISSILES
 . . **SHRIKE MISSILE**
 RT SOLID PROPELLANT ROCKET ENGINES

SHRINKAGE

RT CASTING
 CONTRACTION
 GROWTH
 ∞ REDUCTION
 SINTERING
 TEMPERATURE INVERSIONS
 WARPAGE

SHROUDED BODIES

USE SHROUDS

SHROUDED NOZZLES

RT ANNULAR NOZZLES
 NOZZLE GEOMETRY
 NOZZLE WALLS
 ∞ NOZZLES

SHROUDED PROPELLERS

UF DUCTED PROPELLERS
 GS PROPELLERS
 . **SHROUDED PROPELLERS**
 RT DUCTED FANS
 RING WINGS
 THRUST AUGMENTATION
 XV-11A AIRCRAFT

SHROUDED TURBINES

GS TURBOMACHINERY
 . TURBINES
 . . **SHROUDED TURBINES**

SHROUDS

UF SHROUDED BODIES
 RT COVERINGS
 DUCTED BODIES
 RIGGING

SHUNTS

USE BYPASSES
 CIRCUITS

SHUTDOWNS

RT DEACTIVATION
 ENGINES
 ∞ SCRAM

 ∞ SHUTTERS

SN (USE OF A MORE SPECIFIC TERM IS
 RECOMMENDED--CONSULT THE TERMS
 LISTED BELOW)
 RT BLINDS
 CAMERA SHUTTERS
 LOUVERS
 SHADES

SHUTTLE AVIONICS INTEGRATION LABORATORY

USE SAIL PROJECT

SHUTTLE BOOSTERS

SHUTTLE BOOSTERS
 USE SPACE SHUTTLE BOOSTERS

SHUTTLE ENGINEERING SIMULATOR
 GS SIMULATORS
 . SHUTTLE ENGINEERING SIMULATOR
 RT SPACE SHUTTLES

SHUTTLE MISSION SIMULATOR
 GS SIMULATORS
 . SHUTTLE MISSION SIMULATOR

SHUTTLE ORBITERS
 USE SPACE SHUTTLE ORBITERS

SHUTTLE PALLET SATELLITES
 UF SPAS (ESA PLATFORMS)

SI
 USE INTERNATIONAL SYSTEM OF UNITS

SI-204 AIRCRAFT
 UF SIEBEL SI-204 AIRCRAFT
 SIEBEL SI-204 D AIRCRAFT
 GS MONOPLANES
 . SI-204 AIRCRAFT
 SIEBEL AIRCRAFT
 . SI-204 AIRCRAFT
 TRANSPORT AIRCRAFT
 . SI-204 AIRCRAFT

SIALON
 GS MIXTURES
 . SIALON
 RT ALUMINUM
 CERAMICS
 HIGH TEMPERATURE
 NITROGEN
 OXYGEN
 REACTION BONDING
 REFRACTORY MATERIALS
 SILICON NITRIDES
 SINTERING

SIAM MISSILES
 UF SELF INITIATED ANTI-AIRCRAFT MISSILES
 GS MISSILES
 . ANTI-AIRCRAFT MISSILES
 . SIAM MISSILES
 RT AIR TO AIR MISSILES
 ANTIMISSILE MISSILES

SIAT AIRCRAFT
 GS SIAT AIRCRAFT
 . SIAT 311 AIRCRAFT
 RT ∞ AIRCRAFT

SIAT 311 AIRCRAFT
 UF SIEBEL SIAT 311 AIRCRAFT
 JET AIRCRAFT
 GS . SIAT 311 AIRCRAFT
 MONOPLANES
 . SIAT 311 AIRCRAFT
 PASSENGER AIRCRAFT
 . SIAT 311 AIRCRAFT
 SIAT AIRCRAFT
 . SIAT 311 AIRCRAFT
 TRANSPORT AIRCRAFT
 . SIAT 311 AIRCRAFT
 V/STOL AIRCRAFT
 . SHORT TAKEOFF AIRCRAFT
 . SIAT 311 AIRCRAFT

SIBERIA
 RT ARCTIC REGIONS
 ASIA
 U.S.S.R.

SIC (COEFFICIENT)
 USE STRUCTURAL INFLUENCE COEFFICIENTS

SICILY
 GS LANDFORMS
 . ISLANDS
 . SICILY
 RT ITALY
 MEDITERRANEAN SEA

SICKNESSES
 GS SICKNESSES
 . ALTITUDE SICKNESS
 . DECOMPRESSION SICKNESS

SID (IONOSPHERIC DISTURBANCES)
 USE SUDDEN IONOSPHERIC DISTURBANCES

SIDE INLETS
 GS INTAKE SYSTEMS
 . SIDE INLETS
 RT AIR INTAKES
 BYPASS RATIO
 HYPERSONIC INLETS
 INLET AIRFRAME CONFIGURATIONS
 NOSE INLETS
 SCOOPS
 SUPERSONIC INLETS
 ∞ WATER INTAKES

SIDE-LOOKING RADAR
 GS RADAR
 . SIDE-LOOKING RADAR
 RT RADAR SCANNING
 SEARCH RADAR

SIDEBANDS
 RT DOUBLE SIDEBAND TRANSMISSION
 SELECTIVE FADING
 SINGLE SIDEBAND TRANSMISSION

SIDELobe REDUCTION
 GS ATTENUATION
 . SIDELobe REDUCTION
 RT HORN ANTENNAS
 RADAR ANTENNAS
 RADAR ATTENUATION
 RADAR RECEPTION
 RADAR REFLECTORS
 RADAR RESOLUTION
 ∞ REDUCTION
 SIDELobES

SIDELobES
 GS DISTRIBUTION (PROPERTY)
 . RADIATION DISTRIBUTION
 . . ANTENNA RADIATION PATTERNS
 . . . SIDELobES
 RT ANTENNA DESIGN
 ∞ LOBES
 NEAR FIELDS
 SIDELobe REDUCTION

SIDEREAL TIME
 GS TIME
 . SIDEREAL TIME
 RT ASTRONOMY
 EARTH ROTATION
 STELLAR MOTIONS
 TIME MEASUREMENT
 UNITS OF MEASUREMENT

SIDERITE METEORITES
 USE IRON METEORITES

SIDERITES
 GS CARBON COMPOUNDS
 . CARBONATES
 . SIDERITES
 IRON COMPOUNDS
 . SIDERITES
 MINERALS
 . SIDERITES

SIDES
 RT EDGES
 GEOMETRY
 RIMS
 WALLS

SIDESLIP
 GS MANEUVERS
 . SIDESLIP
 RT ROLL
 SKIDDING
 ∞ SLIP
 SPACECRAFT MOTION
 YAW

SIDEWASH
 USE BACKWASH

SIDEWINDER MISSILES
 GS MISSILES
 . AIR TO AIR MISSILES
 . . SIDEWINDER MISSILES
 . ANTI-AIRCRAFT MISSILES
 . . SIDEWINDER MISSILES

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SIEBEL AIRCRAFT
 GS SIEBEL AIRCRAFT
 . SI-204 AIRCRAFT
 RT ∞ AIRCRAFT

SIEBEL BS-210 AIRCRAFT
 USE BS-210 AIRCRAFT

SIEBEL SI-204 AIRCRAFT
 USE SI-204 AIRCRAFT

SIEBEL SI-204 D AIRCRAFT
 USE SI-204 AIRCRAFT

SIEBEL SIAT 311 AIRCRAFT
 USE SIAT 311 AIRCRAFT

SIEMENS 2002 COMPUTER
 GS DATA PROCESSING EQUIPMENT
 . COMPUTERS
 . . SIEMENS 2002 COMPUTER

SIEMETZKI T-3 HELICOPTER
 GS ASRO AIRCRAFT
 . SIEMETZKI T-3 HELICOPTER
 LIGHT AIRCRAFT
 . SIEMETZKI T-3 HELICOPTER
 UTILITY AIRCRAFT
 . SIEMETZKI T-3 HELICOPTER
 V/STOL AIRCRAFT
 . ROTARY WING AIRCRAFT
 . . HELICOPTERS
 . . . SIEMETZKI T-3 HELICOPTER

SIERRA LEONE
 RT AFRICA
 NATIONS

SIERRA NEVADA MOUNTAINS (CA)
 GS LANDFORMS
 . MOUNTAINS
 . . SIERRA NEVADA MOUNTAINS (CA)
 RT CALIFORNIA

SIEVES
 GS SEPARATORS
 . SIEVES
 RT FLUID FILTERS
 SHAKERS
 SIZING SCREENS
 WIRE CLOTH

SIGHT
 USE VISUAL PERCEPTION

SIGMA COMPUTERS
 GS DATA PROCESSING EQUIPMENT
 . COMPUTERS
 . . DIGITAL COMPUTERS
 . . . SIGMA COMPUTERS
 SIGMA 2 COMPUTER
 SIGMA 9 COMPUTER

SIGMA ORIONIS
 GS CELESTIAL BODIES
 . STARS
 . . SIGMA ORIONIS
 RT ORION CONSTELLATION

SIGMA 2 COMPUTER
 GS DATA PROCESSING EQUIPMENT
 . COMPUTERS
 . . DIGITAL COMPUTERS
 . . . SIGMA COMPUTERS
 SIGMA 2 COMPUTER

SIGMA 5 COMPUTER
 GS DATA PROCESSING EQUIPMENT
 . COMPUTERS
 . . ANALOG COMPUTERS
 . . . SIGMA 5 COMPUTER
 . . . DIGITAL COMPUTERS
 . . . SIGMA 5 COMPUTER

SIGMA 7
 GS MANNED SPACECRAFT
 . MERCURY SPACECRAFT
 . . SIGMA 7
 REENTRY VEHICLES
 . RECOVERABLE SPACECRAFT
 . . MERCURY SPACECRAFT
 . . . SIGMA 7
 SOFT LANDING SPACECRAFT
 . MERCURY SPACECRAFT

SIGMA 7-(CONT.)

- .. **SIGMA 7**
- SPACE CAPSULES
- MERCURY SPACECRAFT
- .. **SIGMA 7**
- RT MERCURY MA-8 FLIGHT

SIGMA 9 COMPUTER

- GS DATA PROCESSING EQUIPMENT
- COMPUTERS
- .. DIGITAL COMPUTERS
- .. SIGMA COMPUTERS
- .. **SIGMA 9 COMPUTER**

SIGMA-MESONS

- GS PARTICLES
- ELEMENTARY PARTICLES
- .. BOSONS
- .. MESONS
- .. VECTOR MESONS
- .. **SIGMA-MESONS**
- .. FERMIONS
- .. BARYONS
- .. **SIGMA-MESONS**
- .. HADRONS
- .. BARYONS
- .. **SIGMA-MESONS**
- .. MESONS
- .. VECTOR MESONS
- .. **SIGMA-MESONS**
- .. NUCLEAR PARTICLES
- .. BOSONS
- .. MESONS
- .. VECTOR MESONS
- .. **SIGMA-MESONS**
- RT CHARGED PARTICLES
- ETA-MESONS

SIGNAL ANALYSIS

- GS CORRELATION
- DATA CORRELATION
- .. **SIGNAL ANALYSIS**
- DATA PROCESSING
- DATA CORRELATION
- .. **SIGNAL ANALYSIS**
- RT ∞ ANALYZING
- DIGITAL RADAR SYSTEMS
- FREQUENCY ANALYZERS
- SPECTRUM ANALYSIS

SIGNAL ANALYZERS

- GS MEASURING INSTRUMENTS
- ANALYZERS
- .. **SIGNAL ANALYZERS**
- RT ANALOG COMPUTERS
- AUTODYNES

SIGNAL DETECTION

- GS DETECTION
- .. **SIGNAL DETECTION**
- .. CORRELATION DETECTION
- RT AUTODYNES
- ∞ DETECTORS
- DISCRIMINATION
- PHASE DETECTORS
- PREAMPLIFIERS
- RADAR DETECTION
- SOUND TRANSDUCERS
- TELECOMMUNICATION

SIGNAL DETECTORS

- UF SIGNAL DISCRIMINATORS
- RT AUTODYNES
- ∞ DETECTORS
- DISCRIMINATION
- MICROWAVE SENSORS
- PREAMPLIFIERS
- SOUND TRANSDUCERS
- TELECOMMUNICATION

SIGNAL DISCRIMINATORS

- USE SIGNAL DETECTORS

SIGNAL DISTORTION

- GS DISTORTION
- .. **SIGNAL DISTORTION**
- RT INTERSYMBOLIC INTERFERENCE
- RADIO SIGNALS
- SCRAMBLING (COMMUNICATION)

SIGNAL ENCODING

- GS CODING
- .. **SIGNAL ENCODING**
- RT CONCATENATED CODES

SIGNAL ENCODING-(CONT.)

- DIGITAL TO ANALOG CONVERTERS
- REDUNDANCY ENCODING
- SCRAMBLING (COMMUNICATION)
- TELECOMMUNICATION
- TRANSMITTERS
- VOICE DATA PROCESSING

SIGNAL FADEOUT

- USE SIGNAL FADING

SIGNAL FADING

- UF SIGNAL FADEOUT
- GS FADING
- .. **SIGNAL FADING**
- .. SELECTIVE FADING
- RT ACOUSTIC INSTABILITY
- ATMOSPHERIC SCATTERING
- ATTENUATION
- DIFFRACTION PATTERNS
- ELECTROMAGNETIC ABSORPTION
- GROUND EFFECT (COMMUNICATIONS)
- RADIO FREQUENCY INTERFERENCE
- RADIO SCATTERING
- RECEPTION DIVERSITY
- SMEAR
- SOUND INTENSITY

SIGNAL FADING RATE

- GS RATES (PER TIME)
- .. **SIGNAL FADING RATE**
- RT FADING
- SELECTIVE FADING
- SOUND INTENSITY

SIGNAL FLOW GRAPHS

- RT DUALITY PRINCIPLE
- ∞ FLOW GRAPHS
- NETWORK ANALYSIS
- ∞ NETWORKS
- RICHARDS THEOREM
- SNEAK CIRCUIT ANALYSIS

SIGNAL GENERATORS

- GS **SIGNAL GENERATORS**
- FREQUENCY SYNTHESIZERS
- .. FUNCTION GENERATORS
- RT CIRCUITS
- ∞ GENERATORS
- HALL GENERATORS
- OSCILLATORS
- SIRENS
- SOLID STATE DEVICES
- SOUND GENERATORS
- SUBHARMONIC GENERATORS
- VOLTAGE GENERATORS

SIGNAL MEASUREMENT

- UF ELECTRONIC SIGNAL MEASUREMENT
- RT ∞ MEASUREMENT

SIGNAL MIXING

- GS MIXING
- .. **SIGNAL MIXING**
- RT AUDITORY SIGNALS
- ERROR SIGNALS
- MAGNETIC SIGNALS
- RADIO SIGNALS

SIGNAL PROCESSING

- GS DATA PROCESSING
- .. **SIGNAL PROCESSING**
- RT COMPANDING
- EQUALIZERS (CIRCUITS)
- MAXIMUM ENTROPY METHOD
- MESSAGE PROCESSING
- ONBOARD DATA PROCESSING
- ∞ PROCESSING
- SMOKE DETECTORS
- SURFACE ACOUSTIC WAVE DEVICES
- TELEMETRY
- VHSIC (CIRCUITS)

SIGNAL RECEPTION

- GS **SIGNAL RECEPTION**
- SYLLABLES
- .. SYMBOLS
- .. TELEVISION RECEPTION
- RT HOMODYNE RECEPTION
- PREAMPLIFIERS
- ∞ RECEIVING
- SENTENCES
- VOCODERS

SIGNAL REFLECTION

- GS ECHOES
- .. **SIGNAL REFLECTION**
- REFLECTION
- RT .. **SIGNAL REFLECTION**
- CEPSTRAL ANALYSIS
- SPREAD REFLECTION
- TRANSMISSION
- WAVE REFLECTION

SIGNAL STABILIZATION

- GS STABILIZATION
- .. **SIGNAL STABILIZATION**
- RT FREQUENCY CONTROL
- TRANSMISSION CIRCUITS

SIGNAL TO NOISE RATIOS

- GS RATIOS
- .. **SIGNAL TO NOISE RATIOS**
- RT AMPLITUDE DISTRIBUTION ANALYSIS
- ATTENUATION
- BACKGROUND NOISE
- CARRIER TO NOISE RATIOS
- CHANNEL NOISE
- COMMUNICATION THEORY
- COMPANDING
- CORRELATION DETECTION
- ELECTROMAGNETIC INTERFERENCE
- ELECTROMAGNETIC NOISE
- IMAGE CONTRAST
- IMAGE ENHANCEMENT
- LOW NOISE
- MATCHED FILTERS
- MAXIMUM ENTROPY METHOD
- ∞ NOISE
- NOISE PROPAGATION
- NOISE SPECTRA
- NOISE THRESHOLD
- RANDOM NOISE
- RANDOM SIGNALS
- ∞ SIGNALS
- WHITE NOISE

SIGNAL TRANSMISSION

- GS TRANSMISSION
- .. **SIGNAL TRANSMISSION**
- .. DATA TRANSMISSION
- .. AUTOMATIC PICTURE
- TRANSMISSION
- .. MULTIPLE ACCESS
- .. CODE DIVISION MULTIPLE ACCESS
- .. FREQUENCY DIVISION MULTIPLE
- ACCESS
- .. SINGLE CHANNEL PER CARRIER
- TRANSMISSION
- .. PCM TELEMETRY
- .. RADAR TRANSMISSION
- .. RADIO TRANSMISSION
- .. DOUBLE SIDEBAND TRANSMISSION
- .. IONOSPHERIC PROPAGATION
- .. IONOSPHERIC F-SCATTER
- PROPAGATION
- .. MICROWAVE ATTENUATION
- .. MICROWAVE TRANSMISSION
- .. MULTIPATH TRANSMISSION
- .. SHORT WAVE RADIO
- TRANSMISSION
- .. SINGLE SIDEBAND TRANSMISSION
- .. TRANSEQUATORIAL PROPAGATION
- .. TRANSORIZON RADIO
- PROPAGATION
- .. SATELLITE TRANSMISSION
- .. TELEVISION TRANSMISSION
- RT CODE DIVISION MULTIPLEXING
- MESSAGE PROCESSING
- MESSAGES
- MULTIPLEXING
- ORTHOGONAL MULTIPLEXING THEORY
- PACKET SWITCHING
- PULSE COMMUNICATION
- RADAR ATTENUATION
- RADIO ATTENUATION
- RADIO SCATTERING
- SENTENCES
- SOUND TRANSMISSION
- SYLLABLES
- TALKING
- TELECOMMUNICATION
- TRANSMISSION EFFICIENCY
- WIRELESS COMMUNICATION

 ∞ SIGNALS

- SN (USE OF A MORE SPECIFIC TERM IS
- RECOMMENDED-CONSULT THE TERMS
- BELOW)

SIGNATURE ANALYSIS

SIGNALS-(CONT.)

RT AUDITORY SIGNALS
 BEACONS
 BELLS
 CHIRP SIGNALS
 ELECTRIC PULSES
 ERROR SIGNALS
 HORNS
 MAGNETIC SIGNALS
 MESSAGES
 PSEUDORANDOM SEQUENCES
 PYROTECHNICS
 RADIO SIGNALS
 RANDOM SIGNALS
 SIGNAL TO NOISE RATIOS
 SIRENS
 SOUND GENERATORS
 TELECOMMUNICATION
 TIME SIGNALS
 VISUAL SIGNALS
 VISUAL STIMULI

SIGNATURE ANALYSIS

RT ∞ ANALYZING
 CEPSTRAL ANALYSIS
 DETECTION
 IMAGERY
 MISSILE SIGNATURES
 RADAR SIGNATURES
 SIGNATURES
 TARGET RECOGNITION

SIGNATURES

GS SIGNATURES
 . MAGNETIC SIGNATURES
 . RADAR SIGNATURES
 . . MISSILE SIGNATURES
 . SPECTRAL SIGNATURES
 RT AMPLITUDE DISTRIBUTION ANALYSIS
 DETECTION
 REPRESENTATIONS
 SIGNATURE ANALYSIS
 TARGET RECOGNITION
 VIDEO LANDMARK ACQUISITION AND TRACKING

SIGNIFICANCE

RT CONFIDENCE LIMITS
 CORRELATION
 COVARIANCE
 DEGREES OF FREEDOM
 FINITE DIFFERENCE THEORY
 NULL HYPOTHESIS
 NUMERICAL ANALYSIS
 REGRESSION ANALYSIS
 STATISTICAL TESTS

SIGNS (SYMBOLS)

USE SYMBOLS

SIGNS AND SYMPTOMS

UF SYMPTOMS
 SYNDROMES
 GS SIGNS AND SYMPTOMS
 . BRADYCARDIA
 . COUGH
 . DYSPNEA
 . HEADACHE
 . HEMATURIA
 . LEUKOPENIA
 . VERTIGO
 RT ASPHYXIA
 DISEASES
 HALLUCINATIONS
 ∞ INDICATION
 SYMPTOMOLOGY

SIKHOTÉ-ALIN METEORITE

GS CELESTIAL BODIES
 . METEORITES
 . . IRON METEORITES
 . . . SIKHOTE-ALIN METEORITE

SIKKIM:

RT ASIA
 BHUTAN
 INDIA
 NATIONS

SIKORSKY AIRCRAFT

GS SIKORSKY AIRCRAFT
 . CH-3 HELICOPTER
 . CH-34 HELICOPTER
 . CH-54 HELICOPTER
 . H-19 HELICOPTER

SIKORSKY AIRCRAFT-(CONT.)

. H-53 HELICOPTER
 . H-56 HELICOPTER
 . H-60 HELICOPTER
 . S-58 HELICOPTER
 . S-61 HELICOPTER
 . S-67 HELICOPTER
 . SH-3 HELICOPTER
 . SH-4 HELICOPTER
 . SH-34 HELICOPTER
 . SIKORSKY WHIRLWIND HELICOPTER
 . UH-34 HELICOPTER
 . UH-60A HELICOPTER
 . UH-61A HELICOPTER
 RT ∞ AIRCRAFT

SIKORSKY HSS-2 HELICOPTER

USE SH-3 HELICOPTER

SIKORSKY S-58 HELICOPTER

USE S-58 HELICOPTER

SIKORSKY S-61 HELICOPTER

USE S-61 HELICOPTER

SIKORSKY S-64 HELICOPTER

USE CH-54 HELICOPTER

SIKORSKY S-65 HELICOPTER

USE H-53 HELICOPTER

SIKORSKY S-67 HELICOPTER

USE S-67 HELICOPTER

SIKORSKY WHIRLWIND HELICOPTER

GS SIKORSKY AIRCRAFT
 . SIKORSKY WHIRLWIND HELICOPTER
 V/STOL AIRCRAFT
 . ROTARY WING AIRCRAFT
 . . HELICOPTERS
 . . . SIKORSKY WHIRLWIND HELICOPTER
 RT ∞ AIRCRAFT

SILANES

GS HYDROGEN COMPOUNDS
 . HYDRIDES
 . . SILANES
 . . . CHLOROSILANES
 . . . METHYL CHLOROSILANES
 . . . METHYLISOCYANATOSILANE
 SILICON COMPOUNDS
 . SILANES
 . . CHLOROSILANES
 . . METHYL CHLOROSILANES
 . . METHYLISOCYANATOSILANE
 RT DISILICIDES

SILENCE

RT NOISE REDUCTION
 TRANSMISSION LOSS

SILENCERS

RT ATTENUATORS
 DAMPING
 INHIBITORS
 MUFFLERS
 SHOCK ABSORBERS
 SQUELCH CIRCUITS
 SUPPRESSORS
 ZERO SOUND

SILICA

USE SILICON DIOXIDE

SILICA GEL

GS GELS
 . SILICA GEL
 RT DEHUMIDIFICATION
 DEHYDRATION
 DRYING
 SILICON DIOXIDE

SILICA GLASS

GS GLASS
 . SILICA GLASS
 RT GLASS COATINGS
 GLASS ELECTRODES
 GLASS FIBERS
 GLASSWARE
 SANDS
 SILICON DIOXIDE

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SILICATES

GS SILICON COMPOUNDS
 . SILICATES
 . . ANDESITE
 . . ARAGONITE
 . . BERYL
 . . CALCIUM SILICATES
 . . GEHLENITE
 . . SPURRITE
 . . CORDIERITE
 . . FAYALITE
 . . FELDSPARS
 . . FLUOROSILICATES
 . . FORSTERITE
 . . GARNETS
 . . YTTRIUM-ALUMINUM GARNET
 . . YTTRIUM-IRON GARNET
 . . HODGKINSONITE
 . . KAOLINITE
 . . MERWINITE
 . . MONTICELLITE
 . . MONTMORILLONITE
 . . NEPHELINE
 . . POTASSIUM SILICATES
 . . PYROPHYLLITE
 . . PYROXENES
 . . ENSTATITE
 . . SODIUM SILICATES
 . . SPODUMENE
 . . SPURRITE
 . . TALC
 . . TOURMALINE
 . . ZEOLITES
 RT AKERMANITE
 DISILICIDES
 MINERALS
 SILICIDES
 SILICON DIOXIDE
 TETRAETHYL ORTHOSILICATE

SILICIDES

GS SILICON COMPOUNDS
 . SILICIDES
 . . DISILICIDES
 RT INTERMETALLICS
 SILICATES

SILICON

GS CHEMICAL ELEMENTS
 . METALLOIDS
 . . SILICON
 . . . SILICON ISOTOPES
 RT REACTION BONDING
 SCHOTTKY DIODES

SILICON ALLOYS

GS ALLOYS
 . SILICON ALLOYS

SILICON CARBIDES

GS CARBON COMPOUNDS
 . CARBIDES
 . . SILICON CARBIDES
 SILICON COMPOUNDS
 . SILICON CARBIDES
 RT ABRASIVES
 CARBORUNDUM (TRADEMARK)

SILICON COMPOUNDS

GS SILICON COMPOUNDS
 . ALUMINUM SILICATES
 . . ANDESITE
 . . KAOLINITE
 . . MONTMORILLONITE
 . . PYROPHYLLITE
 . FLINT
 . ORGANIC SILICON COMPOUNDS
 . . STANNOSILOXANE
 . . TRIPHENYL SILICON
 . SILANES
 . . CHLOROSILANES
 . . METHYL CHLOROSILANES
 . . METHYLISOCYANATOSILANE
 . SILICATES
 . . ANDESITE
 . . ARAGONITE
 . . BERYL
 . . CALCIUM SILICATES
 . . GEHLENITE
 . . SPURRITE
 . . CORDIERITE
 . . FAYALITE
 . . FELDSPARS
 . . FLUOROSILICATES
 . . FORSTERITE

SILICON COMPOUNDS-(CONT.)

. . . GARNETS
 . . . YTTRIUM-ALUMINUM GARNET
 . . . YTTRIUM-IRON GARNET
 . . . HODGKINSONITE
 . . . KAOLINITE
 . . . MERWINITE
 . . . MONTICELLITE
 . . . MONTMORILLONITE
 . . . NEPHELINE
 . . . POTASSIUM SILICATES
 . . . PYROPHYLLITE
 . . . PYROXENES
 . . . ENSTATITE
 . . . SODIUM SILICATES
 . . . SPODUMENE
 . . . SPURRITE
 . . . TALC
 . . . TOURMALINE
 . . . ZEOLITES
 . . . SILICIDES
 . . . DISILICIDES
 . . . SILICON CARBIDES
 . . . SILICON NITRIDES
 . . . SILICON OXIDES
 . . . MUSCOVITE
 . . . NEPHELINE
 . . . NORBERGITE
 . . . SILICON DIOXIDE
 . . . QUARTZ
 COESITE
 . . . SPODUMENE
 . . . SILICON TETRACHLORIDE
 RT AKERMANITE
 ∞ GROUP 4A COMPOUNDS
 METHYL POLYSILOXANE
 SILICONES
 SILOXANES

SILICON CONTROLLED RECTIFIERS

UF SCR (RECTIFIERS)
 GS ELECTRONIC EQUIPMENT
 . . . SOLID STATE DEVICES
 . . . SEMICONDUCTOR DEVICES
 . . . THYRISTORS
 SILICON CONTROLLED RECTIFIERS
 RECTIFIERS
 . . . THYRISTORS
 . . . SILICON CONTROLLED RECTIFIERS
 RT CURRENT CONVERTERS (AC TO DC)
 THYRATRONS

SILICON DIOXIDE

UF REFRAIL (TRADEMARK)
 SILICA
 GS CHALCOGENIDES
 . . . OXIDES
 . . . DIOXIDES
 SILICON DIOXIDE
 QUARTZ
 COESITE
 . . . SILICON OXIDES
 SILICON DIOXIDE
 QUARTZ
 COESITE
 SILICON COMPOUNDS
 . . . SILICON OXIDES
 SILICON DIOXIDE
 QUARTZ
 COESITE
 RT BOROSILICATE GLASS
 CERAMICS
 E GLASS
 GLASS
 METALLIC GLASSES
 OBSIDIAN
 PORCELAIN
 QUARTZ CRYSTALS
 S GLASS
 SANDS
 SILICA GEL
 SILICA GLASS
 SILICATES
 VYCOR

SILICON FILMS

RT ∞ FILMS
 SEMICONDUCTOR DEVICES
 THIN FILMS

SILICON ISOTOPES

GS CHEMICAL ELEMENTS
 . . . METALLOIDS
 . . . SILICON

SILICON ISOTOPES-(CONT.)

. . . SILICON ISOTOPES

SILICON JUNCTIONS

GS SEMICONDUCTOR JUNCTIONS
 . . . SILICON JUNCTIONS
 RT HETEROJUNCTIONS
 HOMOJUNCTIONS
 SIS (SEMICONDUCTORS)

SILICON NITRIDES

GS NITROGEN COMPOUNDS
 . . . NITRIDES
 . . . SILICON NITRIDES
 SILICON COMPOUNDS
 . . . SILICON NITRIDES
 RT REACTION BONDING
 SIALON

SILICON OXIDES

GS CHALCOGENIDES
 . . . OXIDES
 . . . SILICON OXIDES
 MUSCOVITE
 NEPHELINE
 NORBERGITE
 . . . SILICON DIOXIDE
 QUARTZ
 COESITE
 . . . SPODUMENE
 SILICON COMPOUNDS
 . . . SILICON OXIDES
 MUSCOVITE
 NEPHELINE
 NORBERGITE
 . . . SILICON DIOXIDE
 QUARTZ
 COESITE
 . . . SPODUMENE
 RT AKERMANITE

SILICON POLYMERS

GS SILICON POLYMERS
 . . . METHYL POLYSILOXANE
 . . . SILICONE RESINS
 . . . SILICONES
 . . . SILOXANES
 RT ∞ POLYMERS

SILICON RADIATION DETECTORS

GS MEASURING INSTRUMENTS
 . . . RADIATION MEASURING INSTRUMENTS
 . . . RADIATION DETECTORS
 . . . SILICON RADIATION DETECTORS

SILICON RECTIFIERS

USE CRYSTAL RECTIFIERS

SILICON SOLAR CELLS

USE SOLAR CELLS

SILICON TETRACHLORIDE

GS HALOGEN COMPOUNDS
 . . . CHLORINE COMPOUNDS
 . . . CHLORIDES
 SILICON TETRACHLORIDE
 . . . HALIDES
 CHLORIDES
 SILICON TETRACHLORIDE
 SILICON COMPOUNDS
 . . . SILICON TETRACHLORIDE

SILICON TRANSISTORS

GS ELECTRONIC EQUIPMENT
 . . . SOLID STATE DEVICES
 . . . SEMICONDUCTOR DEVICES
 TRANSISTORS
 SILICON TRANSISTORS
 SOS (SEMICONDUCTORS)

SILICON-ON-SAPPHIRE JUNCTIONS

USE SOS (SEMICONDUCTORS)

SILICON-ON-SAPPHIRE SEMICONDUCTORS

USE SOS (SEMICONDUCTORS)

SILICON-ON-SAPPHIRE TRANSISTORS

USE SOS (SEMICONDUCTORS)

SILICONE RESINS

GS RESINS
 . . . SILICONE RESINS
 SILICON POLYMERS
 . . . SILICONE RESINS

SILICONE RESINS-(CONT.)

RT THERMOSETTING RESINS

SILICONE RUBBER

GS RUBBER
 . . . SILICONE RUBBER
 RTV-40 RUBBER (TRADEMARK)
 RTV-60 RUBBER (TRADEMARK)
 RT ELASTOMERS
 SYNTHETIC RUBBERS

SILICONES

GS SILICON POLYMERS
 . . . SILICONES
 . . . SILOXANES
 RT ∞ POLYMERS
 SILICON COMPOUNDS

SILICONIZING

GS HARDENING (MATERIALS)
 . . . SILICONIZING
 RT COATING
 COATINGS
 CORROSION PREVENTION
 CORROSION RESISTANCE
 OXIDATION RESISTANCE
 PASSIVITY

SILK

GS FABRICS
 . . . SILK
 FIBERS
 . . . SILK
 RT CREPE
 ORGANIC MATERIALS

SILKWORMS

GS ANIMALS
 . . . INVERTEBRATES
 . . . ARTHROPODS
 INSECTS
 LARVAE
 SILKWORMS
 MOTHS
 SILKWORMS
 RT INFESTATION

SILOS (MISSILE STORAGE)

USE MISSILE SILOS

SILOXANES

GS SILICON POLYMERS
 . . . SILICONES
 . . . SILOXANES
 RT ∞ POLYMERS
 SILICON COMPOUNDS

SILTS

USE SEDIMENTS

SILVER

GS CHEMICAL ELEMENTS
 . . . SILVER
 . . . SILVER ISOTOPES
 METALS
 . . . NOBLE METALS
 . . . SILVER
 . . . SILVER ISOTOPES
 . . . TRANSITION METALS
 . . . SILVER
 . . . SILVER ISOTOPES

SILVER ALLOYS

GS ALLOYS
 . . . SILVER ALLOYS
 RT BEARING ALLOYS

SILVER BROMIDES

GS HALOGEN COMPOUNDS
 . . . BROMINE COMPOUNDS
 . . . BROMIDES
 SILVER BROMIDES
 . . . HALIDES
 BROMIDES
 SILVER BROMIDES
 . . . METAL HALIDES
 . . . SILVER HALIDES
 SILVER BROMIDES
 SILVER COMPOUNDS
 . . . SILVER HALIDES
 . . . SILVER BROMIDES

SILVER CADMIUM BATTERIES

UF CADMIUM SILVER BATTERIES

SILVER CHLORIDES

SILVER CADMIUM BATTERIES-(CONT.)

GS ELECTROCHEMICAL CELLS
 . ELECTRIC BATTERIES
 . . STORAGE BATTERIES
 . . . **SILVER CADMIUM BATTERIES**
 RT NICKEL CADMIUM BATTERIES

SILVER CHLORIDES

GS HALOGEN COMPOUNDS
 . CHLORINE COMPOUNDS
 . . CHLORIDES
 . . . **SILVER CHLORIDES**
 . HALIDES
 . . CHLORIDES
 . . . **SILVER CHLORIDES**
 . . METAL HALIDES
 . . . SILVER HALIDES
 **SILVER CHLORIDES**
 SILVER COMPOUNDS
 . SILVER HALIDES
 . . **SILVER CHLORIDES**

SILVER COMPOUNDS

GS **SILVER COMPOUNDS**
 . SILVER HALIDES
 . . SILVER BROMIDES
 . . SILVER CHLORIDES
 . . SILVER IODIDES
 . SILVER NITRATES
 . SILVER OXIDES
 RT ∞ GROUP 1B COMPOUNDS
 ∞ METAL COMPOUNDS

SILVER HALIDES

GS HALOGEN COMPOUNDS
 . HALIDES
 . . METAL HALIDES
 . . . **SILVER HALIDES**
 SILVER BROMIDES
 SILVER CHLORIDES
 SILVER IODIDES
 SILVER COMPOUNDS
 . **SILVER HALIDES**
 . . SILVER BROMIDES
 . . SILVER CHLORIDES
 . . SILVER IODIDES

SILVER HYDROGEN BATTERIES

GS ELECTROCHEMICAL CELLS
 . ELECTRIC BATTERIES
 . . STORAGE BATTERIES
 . . . **SILVER HYDROGEN BATTERIES**

SILVER IODIDES

GS HALOGEN COMPOUNDS
 . HALIDES
 . . METAL HALIDES
 . . . SILVER HALIDES
 **SILVER IODIDES**
 . IODINE COMPOUNDS
 . . IODIDES
 . . . **SILVER IODIDES**
 SILVER COMPOUNDS
 . SILVER HALIDES
 . . **SILVER IODIDES**

SILVER ISOTOPES

GS CHEMICAL ELEMENTS
 . NUCLIDES
 . . ISOTOPES
 . . . **SILVER ISOTOPES**
 . SILVER
 . . **SILVER ISOTOPES**
 METALS
 . NOBLE METALS
 . . SILVER
 . . . **SILVER ISOTOPES**
 . TRANSITION METALS
 . . SILVER
 . . . **SILVER ISOTOPES**

SILVER NITRATES

GS NITROGEN COMPOUNDS
 . NITRATES
 . . INORGANIC NITRATES
 . . . **SILVER NITRATES**
 SILVER COMPOUNDS
 . **SILVER NITRATES**

SILVER OXIDE ZINC BATTERIES

USE SILVER ZINC BATTERIES

SILVER OXIDES

GS CHALCOGENIDES

SILVER OXIDES-(CONT.)

. OXIDES
 . . METAL OXIDES
 . . . **SILVER OXIDES**
 SILVER COMPOUNDS
 . **SILVER OXIDES**

SILVER ZINC BATTERIES

UF SILVER OXIDE ZINC BATTERIES
 ZINC SILVER BATTERIES
 ZINC SILVER OXIDE BATTERIES
 GS ELECTROCHEMICAL CELLS
 . ELECTRIC BATTERIES
 . . STORAGE BATTERIES
 . . . **SILVER ZINC BATTERIES**

SILVICULTURE

RT AGRICULTURE
 BIOMASS
 BOTANY
 CULTIVATION
 FORESTS
 ORCHARDS
 PLANTING
 TREES (PLANTS)

SIM

UF SCIENTIFIC INSTRUMENT MODULES
 GS MODULES
 . SPACECRAFT MODULES
 . . **SIM**
 RT APOLLO PROJECT
 APOLLO 15 FLIGHT
 CAMERAS
 INSTRUMENT PACKAGES
 ∞ INSTRUMENTS

SIMICOR (IMAGE CORRELATOR)

USE IMAGE CORRELATORS

SIMILARITIES

USE ANALOGIES

SIMILARITY NUMBERS

GS RATIOS
 . DIMENSIONLESS NUMBERS
 . . **SIMILARITY NUMBERS**
 RT DIMENSIONAL ANALYSIS
 SCALING LAWS

SIMILARITY THEOREM

GS THEOREMS
 . **SIMILARITY THEOREM**
 . . LAGRANGE SIMILARITY HYPOTHESIS
 RT DYNAMIC MODELS
 MATHEMATICAL MODELS
 SCALE MODELS

SIMILITUDE LAW

GS LAWS
 . **SIMILITUDE LAW**
 RT GRAVITATION
 INERTIA
 SCALE MODELS
 VISCOSITY

SIMPLE HARMONIC MOTION

GS HARMONIC MOTION
 . **SIMPLE HARMONIC MOTION**
 HARMONICS
 . **SIMPLE HARMONIC MOTION**
 RT ACOUSTICS
 FOURIER ANALYSIS
 HARMONIC EXCITATION

SIMPLEX METHOD

GS MATHEMATICAL LOGIC
 . ALGORITHMS
 . . **SIMPLEX METHOD**
 RT LINEAR PROGRAMMING
 MATHEMATICAL PROGRAMMING
 MATRICES (MATHEMATICS)
 OPTIMIZATION
 PROBLEM SOLVING

SIMPLIFICATION

RT ASSUMPTIONS
 LINEARIZATION

SIMULATED ALTITUDE

USE ALTITUDE SIMULATION

SIMULATION

GS **SIMULATION**

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SIMULATION-(CONT.)

. COMPUTER SYSTEMS SIMULATION
 . COMPUTERIZED SIMULATION
 . ANALOG SIMULATION
 . DIGITAL SIMULATION
 . CONTROL SIMULATION
 . ENVIRONMENT SIMULATION
 . . ACOUSTIC SIMULATION
 . . ALTITUDE SIMULATION
 . . SPACE ENVIRONMENT SIMULATION
 . . . WEIGHTLESSNESS SIMULATION
 . . THERMAL SIMULATION
 . EXHAUST FLOW SIMULATION
 . ATMOSPHERIC ENTRY SIMULATION
 . FLIGHT SIMULATION
 . LANDING SIMULATION
 . RHEOELECTRICAL SIMULATION
 . SOLAR SIMULATION
 . SYSTEMS SIMULATION

RT

ANALOGIES
 BIONICS
 BOND GRAPHS
 DATA PROCESSING EQUIPMENT
 DECEPTION
 GAME THEORY
 HEURISTIC METHODS
 HYPERVELOCITY PROJECTILES
 MATHEMATICAL MODELS
 MONTE CARLO METHOD
 OPERATIONS RESEARCH
 SIMULATORS
 SPACECRAFT CABIN SIMULATORS
 SYSTEMS ANALYSIS
 VALIDITY
 WAR GAMES

SIMULATOR TRAINING

USE TRAINING SIMULATORS

SIMULATORS

GS **SIMULATORS**
 . CONTROL SIMULATION
 . ENVIRONMENT SIMULATORS
 . . LUNAR GRAVITY SIMULATOR
 . . SOLAR SIMULATORS
 . . SPACE SIMULATORS
 . . . HIGH VACUUM ORBITAL SIMULATOR
 . . . LANGLEY COMPLEX COORDINATOR
 . LUNAR ORBIT AND LANDING
 . . . SIMULATORS
 . MOTION SIMULATORS
 . SHOCK SIMULATORS
 . SHUTTLE ENGINEERING SIMULATOR
 . SHUTTLE MISSION SIMULATOR
 . TARGET SIMULATORS
 . TRAINING SIMULATORS
 . . FLIGHT SIMULATORS
 . . COCKPIT SIMULATORS
 . . SPACECRAFT CABIN SIMULATORS
 . VIBRATION SIMULATORS
 . . VERTICAL MOTION SIMULATORS
 RT ANALOGS
 COMPUTER SYSTEMS SIMULATION
 DUMMIES
 ∞ MISSILE SIMULATORS
 MODELS
 SIMULATION
 ∞ TEST EQUIPMENT
 TEST FACILITIES
 TRAINING DEVICES

SIMULTANEOUS EQUATIONS

RT ∞ EQUATIONS
 LEAST SQUARES METHOD
 MATRICES (MATHEMATICS)

SIMULTANEOUS IMAGE CORRELATOR

USE IMAGE CORRELATORS

SINE SERIES

GS ANALYSIS (MATHEMATICS)
 . CALCULUS
 . . SERIES (MATHEMATICS)
 . . . **SINE SERIES**
 . . . REAL VARIABLES
 . . . PERIODIC FUNCTIONS
 . . . TRIGONOMETRIC FUNCTIONS
 **SINE SERIES**
 . . . SERIES (MATHEMATICS)
 . . . **SINE SERIES**
 FUNCTIONS (MATHEMATICS)
 . TRANSCENDENTAL FUNCTIONS
 . . PERIODIC FUNCTIONS
 . . . TRIGONOMETRIC FUNCTIONS
 **SINE SERIES**

SINE WAVES

UF SINUSOIDS
 RT ELASTIC WAVES
 ELECTROMAGNETIC RADIATION
 TRIGONOMETRIC FUNCTIONS
 ∞ WAVES

SINGAPORE

RT ASIA
 NATIONS

SINGLE CHANNEL PER CARRIER TRANSMISSION

UF SPC TRANSMISSION
 GS TELECOMMUNICATION
 . SINGLE CHANNEL PER CARRIER
 TRANSMISSION
 . SIGNAL TRANSMISSION
 . DATA TRANSMISSION
 . . . SINGLE CHANNEL PER CARRIER
 TRANSMISSION
 RT CARRIER FREQUENCIES
 CHANNELS (DATA TRANSMISSION)
 SATELLITE TRANSMISSION
 SPACECRAFT COMMUNICATION
 TELEGRAPH SYSTEMS
 TELEMETRY
 TELEPHONY
 VOICE COMMUNICATION
 VOICE DATA PROCESSING

SINGLE CRYSTALS

UF MONOCRYSTALS
 GS CRYSTALS
 . SINGLE CRYSTALS
 RT BICRYSTALS
 BOULES
 BRAVAIS CRYSTALS
 BRIDGMAN METHOD
 CRYSTAL LATTICES
 DIAMONDS
 GRAPHITE
 NEEDLES
 PIEZOELECTRIC CRYSTALS
 POLYCRYSTALS
 SPACE PROCESSING
 ULTRAPURE METALS

SINGLE SIDEBAND MODULATION

USE SINGLE SIDEBAND TRANSMISSION

SINGLE SIDEBAND TRANSMISSION

UF SINGLE SIDEBAND MODULATION
 TRANSMISSION
 GS . ELECTROMAGNETIC WAVE
 TRANSMISSION
 . . RADIO TRANSMISSION
 . . . SINGLE SIDEBAND TRANSMISSION
 . SIGNAL TRANSMISSION
 . . RADIO TRANSMISSION
 . . . SINGLE SIDEBAND TRANSMISSION
 RT AMPLITUDE MODULATION
 DOUBLE SIDEBAND TRANSMISSION
 SIDEBANDS
 TELEVISION TRANSMISSION
 VOICE COMMUNICATION
 WAVE PROPAGATION

SINGLE STAGE ROCKET VEHICLES

GS ROCKET VEHICLES
 . SINGLE STAGE ROCKET VEHICLES
 . . AGENA ROCKET VEHICLES
 . . . AGENA A ROCKET VEHICLE
 . . . AGENA B ROCKET VEHICLE
 . . . AGENA C ROCKET VEHICLE
 . . . AGENA D ROCKET VEHICLE
 . . ARCAS ROCKET VEHICLES
 . . ARCHER SOUNDING ROCKET
 . . BLACK BRANT SOUNDING ROCKETS
 . . . BLACK BRANT 1 SOUNDING
 ROCKET
 . . . BLACK BRANT 2 SOUNDING
 ROCKET
 . . . BLACK BRANT 3 SOUNDING
 ROCKET
 . . . BLACK BRANT 4 SOUNDING
 ROCKET
 . . . BLACK BRANT 5 SOUNDING
 ROCKET
 . . BLACK KNIGHT ROCKET VEHICLE
 . . DORNIER PARAGLIDER ROCKET
 VEHICLE
 . . GENIE ROCKET VEHICLE
 . . HONEST JOHN ROCKET VEHICLE

SINGLE STAGE ROCKET VEHICLES-(CONT.)

. . . HYLAR STAR ROCKET VEHICLE
 . . LITTLE JOHN ROCKET VEHICLE
 . . LOKI ROCKET VEHICLE
 . . NOMAD LAUNCH VEHICLE
 . . SKYDART 2 ROCKET VEHICLE
 . . VERONIQUE ROCKET VEHICLES
 . . . VERONIQUE V-27 ROCKET VEHICLE
 . . . VERONIQUE V-37 ROCKET VEHICLE
 . . VIKING ROCKET VEHICLE
 . . ZUNI ROCKET VEHICLE
 RT MAULER MISSILE
 ROCKET ENGINES

SINGLE STAGE TO ORBIT VEHICLES

GS LAUNCH VEHICLES
 . REUSABLE LAUNCH VEHICLES
 . . SINGLE STAGE TO ORBIT VEHICLES
 RT NASA PROGRAMS
 SPACE SHUTTLES
 SPACE TRANSPORTATION

SINGLE-PHASE FLOW

UF ONE-PHASE FLOW
 UNIPHASE FLOW
 GS FLUID FLOW
 . SINGLE-PHASE FLOW
 RT CRITICAL FLOW
 GAS FLOW
 LAMINAR FLOW
 LIQUID FLOW
 MASS FLOW
 MULTIPHASE FLOW
 ORIFICE FLOW
 PIPE FLOW
 STEADY FLOW
 STEAM FLOW
 SUBCRITICAL FLOW
 SUPERCRITICAL FLOW
 TURBULENT FLOW
 TWO PHASE FLOW
 UNIFORM FLOW
 UNSTEADY FLOW

SINGULAR INTEGRAL EQUATIONS

GS ANALYSIS (MATHEMATICS)
 . FUNCTIONAL ANALYSIS
 . . INTEGRAL EQUATIONS
 . . . SINGULAR INTEGRAL EQUATIONS

SINGULARITY (MATHEMATICS)

GS ANALYSIS (MATHEMATICS)
 . COMPLEX VARIABLES
 . . SINGULARITY (MATHEMATICS)
 . . . NAKED SINGULARITIES
 RT POINTS (MATHEMATICS)
 UNIQUENESS

SINKHOLES

GS KARST
 . SINKHOLES
 RT KETTLES (GEOLOGY)
 LANDFORMS
 STRUCTURAL PROPERTIES (GEOLOGY)

SINKING

RT FALLING
 REFRACTION
 SUBMERGING
 WATER IMMERSION

SINKS

SN (EXCLUDES PLUMBING
 FIXTURES--LIMITED TO AREAS FOR
 ABSORPTIVE DISPOSAL OF HEAT OR
 FLUIDS)
 GS SINKS
 . HEAT SINKS
 RT ABSORBERS (MATERIALS)
 DISPOSAL
 ∞ SOURCES

SINKS (GEOLOGY)

USE STRUCTURAL BASINS

SINTERED ALUMINUM POWDER

GS CHEMICAL ELEMENTS
 . ALUMINUM
 . . SINTERED ALUMINUM POWDER
 METALS
 . ALUMINUM
 . . SINTERED ALUMINUM POWDER
 RT POWDER METALLURGY
 POWDERED ALUMINUM

SINTERING

UF PRESINTERING
 RT AGGLOMERATION
 FURNACES
 GROWTH
 HEATING
 HOT PRESSING
 METAL POWDER
 MIXED CRYSTALS
 POROSITY
 POWDER METALLURGY
 PYROMETALLURGY
 REACTION BONDING
 ROASTING
 SHRINKAGE
 SIALON

SINUSES

GS SINUSES
 . PARANASAL SINUSES
 RT CAROTID SINUS BODY
 CAROTID SINUS REFLEX
 NOSE (ANATOMY)
 RESPIRATION

SINUSOIDS

USE SINE WAVES

SIOUX HELICOPTER

USE OH-13 HELICOPTER

SIPHONING

RT ∞ FLUIDS
 SIPHONS
 THERMOSIPHONS

SIPHONS

RT MATERIALS HANDLING
 PIPELINES
 PIPES (TUBES)
 PUMPS
 SIPHONING
 ∞ TUBES

SIRENS

RT HORNS
 NOISE INTENSITY
 SIGNAL GENERATORS
 ∞ SIGNALS
 SOUND GENERATORS
 SOUND INTENSITY
 SOUND TRANSMISSION
 WARNING SYSTEMS

SIRIO SATELLITE

GS SATELLITES
 . ARTIFICIAL SATELLITES
 . . SYNCHRONOUS SATELLITES
 . . . SIRIO SATELLITE
 . . EARTH SATELLITES
 . . SYNCHRONOUS SATELLITES
 . . . SIRIO SATELLITE
 RT ITALY

SIRS B SATELLITE

GS SATELLITES
 . ARTIFICIAL SATELLITES
 . . METEOROLOGICAL SATELLITES
 . . . SIRS B SATELLITE
 . . EARTH SATELLITES
 . . METEOROLOGICAL SATELLITES
 . . . SIRS B SATELLITE
 RT METEOROLOGICAL FLIGHT
 METEOROLOGICAL INSTRUMENTS
 SATELLITE OBSERVATION
 UNMANNED SPACECRAFT

SIS (SEMICONDUCTORS)

UF SEMICONDUCTOR INSULATOR
 SEMICONDUCTORS
 GS ELECTRONIC EQUIPMENT
 . SOLID STATE DEVICES
 . . SIS (SEMICONDUCTORS)
 RT BARRIER LAYERS
 MIM (SEMICONDUCTORS)
 MIS (SEMICONDUCTORS)
 P-N JUNCTIONS
 PHOTODIODES
 PHOTOVOLTAIC CELLS
 SCHOTTKY DIODES
 SEMICONDUCTOR DIODES
 SEMICONDUCTOR JUNCTIONS
 SILICON JUNCTIONS
 SOLAR CELLS

SITE DATA PROCESSORS

SIS (SEMICONDUCTORS)-(CONT.)

SOS (SEMICONDUCTORS)
TIN OXIDES
TRANSISTORS

SITE DATA PROCESSORS

UF SDP (COMPUTERS)
GS DATA PROCESSING EQUIPMENT
COMPUTERS
RT SITE DATA PROCESSORS
APOLLO PROJECT
DATA LINKS
DATA PROCESSING

SITE SELECTION

GS SELECTION
SITE SELECTION
RT AIRPORTS
CERTIFICATION
FACILITIES
INDUSTRIAL AREAS
LAND USE
LEASING
LOGISTICS
OPTIONS
RESOURCES
ROADS
ROUTES
SERVICES
SITES
TERMINAL FACILITIES
TRANSPORTATION
UTILITIES

SITES

UF TRACTS
GS SITES
ARIZONA REGIONAL ECOLOGICAL
TEST SITE
CENTRAL ATLANTIC REGIONAL ECOLOGICAL
TEST SITE
LANDING SITES
LUNAR LANDING SITES
LAUNCHING SITES
LAUNCHING PADS
OFFSHORE REACTOR SITES
RT AIRPORT PLANNING
BARREN LAND
FACILITIES
LAND
PLOTS
POSITION (LOCATION)
REGIONS
RURAL LAND USE
SITE SELECTION

SITTING POSITION

RT PRONE POSITION
REST
SEATS
SUPINE POSITION

SIZE (DIMENSIONS)

RT FINENESS

SIZE DETERMINATION

GS SIZE DETERMINATION
PRECIPITATION PARTICLE
MEASUREMENT
RT BODY MEASUREMENT (BIOLOGY)
CLASSIFIERS
DIMENSIONAL MEASUREMENT
MEASUREMENT
PARTICLE SIZE DISTRIBUTION
SIZING

SIZE DISTRIBUTION

GS SIZE DISTRIBUTION
PARTICLE SIZE DISTRIBUTION
RT DROP SIZE
MASS DISTRIBUTION
STATISTICAL DISTRIBUTIONS

SIZE SEPARATION

UF SIZING (SEPARATION)
RT BENEFICIATION
CLASSIFIERS
CLASSIFYING
CONCENTRATORS
FILTRATION
FLOTATION
METAL POWDER
PARTICLE SIZE DISTRIBUTION
POWDER (PARTICLES)
SEPARATION

SIZE SEPARATION-(CONT.)

SETTLING
SIZING

SIZING

SN (USE OF A MORE SPECIFIC TERM IS
RECOMMENDED—CONSULT THE TERMS
LISTED BELOW)
RT BODY MEASUREMENT (BIOLOGY)
SIZE DETERMINATION
SIZE SEPARATION
SIZING (SHAPING)
SIZING (SURFACE TREATMENT)
SIZING MATERIALS

SIZING (SEPARATION)

USE SIZE SEPARATION

SIZING (SHAPING)

GS METAL WORKING
SIZING (SHAPING)
RT COINING
PRESSING (FORMING)
SIZING

SIZING (SURFACE TREATMENT)

SN (EXCLUDES MECHANICAL SHAPING OR
REMOVAL OF SURFACE MATERIALS)
RT FINISHES
SIZING MATERIALS

SIZING MATERIALS

SN (MATERIALS USED FOR SURFACE
TREATMENT)
RT BINDERS (MATERIALS)
CLAYS
FILLERS
GLUES
SIZING (SURFACE TREATMENT)
STARCHES

SIZING SCREENS

GS SEPARATORS
CLASSIFIERS
SIZING SCREENS
RT AGITATION
CONCENTRATORS
FLUID FILTERS
SCREENS
SHAKERS
SIEVES

SKELETON

USE MUSCULOSKELETAL SYSTEM

SKEWNESS

RT ASYMMETRY
DEFORMATION
DISPLACEMENT
DISTORTION
DISTRIBUTION MOMENTS
ECCENTRICITY
MOMENTS

SKID LANDINGS

GS LANDING
AIRCRAFT LANDING
SKID LANDINGS
RT AIR CUSHION LANDING SYSTEMS
CRASH LANDING
HYDROPLANING
SKIDDING

SKIDDING

RT HYDROPLANING
LANDING GEAR
SIDESLIP
SKID LANDINGS
SLEDS
YAW

SKILLS

USE ABILITIES

SKIN (ANATOMY)

GS SKIN (ANATOMY)
EPIDERMIS
EPITHELIUM
LEATHER
RT ALBINISM
BLISTERS
CAROTENE
CHLOROPHYLLS
COLLAGENS

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SKIN (ANATOMY)-(CONT.)

CONTACT DERMATITIS
CYTOCHROMES
DEMULCENTS
DERMATITIS
DERMATOLOGY
EVAPORATION
HOMEOSTASIS
MELANIN
MEMBRANES
NEVUS
PERSPIRATION
PETECHIA
PIGMENTS
SECRETIONS
SENSE ORGANS
THERMORECEPTORS
TOUCH

SKIN (STRUCTURAL MEMBER)

GS MEMBRANES
MEMBRANE STRUCTURES
SKIN (STRUCTURAL MEMBER)
STRUCTURAL MEMBERS
MEMBRANE STRUCTURES
SKIN (STRUCTURAL MEMBER)
RT AIRCRAFT CONSTRUCTION MATERIALS
CONSTRUCTION MATERIALS
HULLS (STRUCTURES)
METAL SHELLS
SHELLS (STRUCTURAL FORMS)
STRESSED-SKIN STRUCTURES
THIN WALLED SHELLS
THIN WALLS
TOROIDAL SHELLS
WEBS (SUPPORTS)

SKIN FRICTION

UF FRICTION PRESSURE DROP
GS FRICTION
SKIN FRICTION
FRICTION DRAG
SUPERSONIC DRAG
VISCOUS DRAG
RT AERODYNAMIC HEATING
DRAG
DRAG DEVICES
FLOW RESISTANCE
FLUID FLOW
FRICTION FACTOR
STREAMLINING

SKIN GRAFTS

RT SURGERY
THERAPY

SKIN RESISTANCE

GS IMPEDANCE
ELECTRICAL IMPEDANCE
ELECTRICAL RESISTANCE
SKIN RESISTANCE
RT RESISTANCE

SKIN TEMPERATURE (BIOLOGY)

GS TEMPERATURE
SKIN TEMPERATURE (BIOLOGY)
RT FEVER
HYPERTHERMIA
HYPOTHERMIA

SKIN TEMPERATURE (NON-BIOLOGICAL)

GS SURFACE PROPERTIES
SURFACE TEMPERATURE
SKIN TEMPERATURE
(NON-BIOLOGICAL)
TEMPERATURE
SURFACE TEMPERATURE
SKIN TEMPERATURE
(NON-BIOLOGICAL)
RT AERODYNAMIC HEATING
AEROTHERMODYNAMICS

SKINNER BOXES

RT BEHAVIOR
PSYCHOLOGICAL TESTS
PSYCHOMETRICS

SKIRTS

RT AFTERBODIES
BOATTAILS
CONICAL NOZZLES
EXHAUST NOZZLES
FOUNDATIONS
JET NOZZLES
ROCKET NOZZLES

SKIS
RT HYDROFOILS
HYDROPLANES (SURFACES)
LANDING GEAR

SKUA ROCKET VEHICLES
GS ROCKET VEHICLES
SOUNDING ROCKETS
SKUA ROCKET VEHICLES
RT SOLID PROPELLANT ROCKET ENGINES

SKULL
GS ANATOMY
HEAD (ANATOMY)
SKULL
CRANIUM
INTRACRANIAL CAVITY
MUSCULOSKELETAL SYSTEM
BONES
SKULL
CRANIUM
INTRACRANIAL CAVITY
RT FOREHEAD
INTERCRANIAL CIRCULATION

SKY
GS SKY
NIGHT SKY
RT CLOUD COVER
CLOUDS (METEOROLOGY)
DAYGLOW
RAYLEIGH SCATTERING
SUNLIGHT

SKY BRIGHTNESS
GS ELECTROMAGNETIC PROPERTIES
OPTICAL PROPERTIES
SKY BRIGHTNESS
RT AIRGLOW
AURORAS
BRIGHTNESS
CLOUD COVER
DAYTIME
GEGENSCHIEIN
GLARE
LIGHT (VISIBLE RADIATION)
LIGHT EMISSION
LUMINANCE
NIGHT
NIGHT SKY
NIGHTGLOW
SOLAR RADIATION
SUNLIGHT
ZODIACAL LIGHT

SKY RADIATION
GS ATMOSPHERIC RADIATION
SKY RADIATION
AIRGLOW
GEOCORONAL EMISSIONS
NIGHTGLOW
TWILIGHT GLOW
DAYGLOW
ELECTROMAGNETIC RADIATION
LIGHT (VISIBLE RADIATION)
SKY RADIATION
AIRGLOW
GEOCORONAL EMISSIONS
NIGHTGLOW
TWILIGHT GLOW
DAYGLOW
RT BACKGROUND RADIATION
PYRANOMETERS
STRATOSPHERE RADIATION
SUNLIGHT
THERMAL RADIATION
TROPOSPHERIC RADIATION

SKY WAVES
GS ELECTROMAGNETIC RADIATION
RADIO WAVES
SKY WAVES
RT GROUND WAVE PROPAGATION
IONOSPHERIC NOISE

SKYBOLT MISSILE
GS MISSILES
BALLISTIC MISSILES
SKYBOLT MISSILE
RT SOLID PROPELLANT ROCKET ENGINES

SKYCRANE HELICOPTER
USE CH-54 HELICOPTER

SKYDART 2 ROCKET VEHICLE
GS ROCKET VEHICLES
SINGLE STAGE ROCKET VEHICLES
SKYDART 2 ROCKET VEHICLE
RT AIR TO AIR MISSILES
SOLID PROPELLANT ROCKET ENGINES
TARGETS

SKYDROL (TRADEMARK)
GS LIQUIDS
HYDRAULIC FLUIDS
SKYDROL (TRADEMARK)
RT ESTERS
PHOSPHATES
PLASTICIZERS

SKYHAWK AIRCRAFT
USE A-4 AIRCRAFT

SKYHOOK BALLOONS
GS EXPANDABLE STRUCTURES
INFLATABLE STRUCTURES
BALLOONS
HIGH ALTITUDE BALLOONS
SKYHOOK BALLOONS
RT HIGH ALTITUDE
METEOROLOGICAL BALLOONS
ROBIN BALLOONS
ROCKOONS

SKYLAB PROGRAM
GS PROGRAMS
NASA PROGRAMS
SKYLAB PROGRAM
RT AAP 1 MISSION
AAP 2 MISSION
AAP 3 MISSION
AAP 4 MISSION
AIRLOCK MODULES
APOLLO APPLICATIONS PROGRAM
APOLLO FLIGHTS
APOLLO PROJECT
APOLLO SPACECRAFT
APOLLO TELESCOPE MOUNT
EARTH RESOURCES INFORMATION
SYSTEM
EARTH RESOURCES PROGRAM
EARTH RESOURCES SURVEY PROGRAM
ORBITAL WORKSHOPS
SATURN WORKSHOPS
SATURN 1 WORKSHOP
SATURN 5 WORKSHOP
SPACELAB

SKYLAB SPACE STATION (UNMANNED)
USE SKYLAB 1

SKYLAB 1
UF SKYLAB SPACE STATION (UNMANNED)
SL 1
GS MANNED SPACECRAFT
SPACE STATIONS
ORBITAL SPACE STATIONS
SKYLAB 1
RT AIRLOCK MODULES
ARTIFICIAL SATELLITES
COMMAND SERVICE MODULES
EREP
MULTIPLE DOCKING ADAPTERS
ORBITAL WORKSHOPS
SPACE MISSIONS

SKYLAB 2
UF SL 2
GS MANNED SPACECRAFT
SPACE STATIONS
ORBITAL SPACE STATIONS
SKYLAB 2
RT AIRLOCK MODULES
ARTIFICIAL SATELLITES
COMMAND SERVICE MODULES
EREP
MULTIPLE DOCKING ADAPTERS
ORBITAL WORKSHOPS
SATURN 1B LAUNCH VEHICLES
SATURN 5 LAUNCH VEHICLES
SPACE MISSIONS

SKYLAB 3
UF SL 3
GS MANNED SPACECRAFT
SPACE STATIONS
ORBITAL SPACE STATIONS
SKYLAB 3
RT AIRLOCK MODULES

SKYLAB 3-(CONT.)
ARTIFICIAL SATELLITES
COMMAND SERVICE MODULES
EREP
MULTIPLE DOCKING ADAPTERS
ORBITAL WORKSHOPS
SATURN 1B LAUNCH VEHICLES
SATURN 5 LAUNCH VEHICLES
SPACE MISSIONS

SKYLAB 4
UF SL 4
GS MANNED SPACECRAFT
SPACE STATIONS
ORBITAL SPACE STATIONS
SKYLAB 4
RT AIRLOCK MODULES
ARTIFICIAL SATELLITES
COMMAND SERVICE MODULES
EREP
MULTIPLE DOCKING ADAPTERS
ORBITAL WORKSHOPS
SATURN 1B LAUNCH VEHICLES
SATURN 5 LAUNCH VEHICLES
SPACE MISSIONS

SKYLARK
USE SKYLARK ROCKET VEHICLE

SKYLARK ROCKET VEHICLE
UF SKYLARK
GS ROCKET VEHICLES
MULTISTAGE ROCKET VEHICLES
SKYLARK ROCKET VEHICLE
SOUNDING ROCKETS
SKYLARK ROCKET VEHICLE
RT SOLID PROPELLANT ROCKET ENGINES

SKYMASTER AIRCRAFT
USE C-54 AIRCRAFT

SKYNET SATELLITES
GS SATELLITES
ARTIFICIAL SATELLITES
SKYNET SATELLITES
RT COMMUNICATION SATELLITES
SATELLITE NETWORKS
UK SATELLITES

SKYRAIDER AIRCRAFT
USE A-1 AIRCRAFT

SKYROCKET AIRCRAFT
USE D-558 AIRCRAFT

SKYSTREAK AIRCRAFT
USE D-558 AIRCRAFT

SKYVAN AIRCRAFT
USE SC-7 AIRCRAFT

SKYWARRIOR AIRCRAFT
USE A-3 AIRCRAFT

SL 1
USE SKYLAB 1

SL 2
USE SKYLAB 2

SL 3
USE SKYLAB 3

SL 4
USE SKYLAB 4

SL-3 ROCKET ENGINE
GS ENGINES
ROCKET ENGINES
SOLID PROPELLANT ROCKET ENGINES
SL-3 ROCKET ENGINE

SLABS
RT BILLETS
BLOCKS
FLAT PLATES
METAL PLATES
PLATES (STRUCTURAL MEMBERS)
PLATFORMS
STRUCTURAL MEMBERS

SLAGS

SLAGS
RT AGGREGATES
REACTION PRODUCTS
WASTES

SLAM
USE SUPERSONIC LOW ALTITUDE MISSILE

SLAMMING
RT FLUID DYNAMICS

SLANT
USE SLOPES

SLANT PERCEPTION
USE SPACE PERCEPTION

SLASHES
USE CLEARINGS (OPENINGS)

SLATER ORBITALS
GS ORBITALS
. **SLATER ORBITALS**
RT HARTREE-FOCK-SLATER METHOD
ORBITAL ELEMENTS

SLEDS
GS SURFACE VEHICLES
. **SLEDS**
. . . ROCKET PROPELLED SLEDS
RT DOLLIES
SKIDDING
TOWED BODIES
TRACTORS
TRAILERS

SLEEP
UF DROWSINESS
GS **SLEEP**
. HYPERSOMNIA
. HYPNOSIS
. INSOMNIA
RT DREAMS
∞ DRIVES
RAPID EYE MOVEMENT STATE
REST

SLEEP DEPRIVATION
GS DEPRIVATION
. **SLEEP DEPRIVATION**
RT CONSCIOUSNESS
INSOMNIA
WAKEFULNESS

SLEEVES
SN (EXCLUDES CLOTHING)
RT CONNECTORS
COUPLINGS
FASTENERS
FITTINGS
JOINTS (JUNCTIONS)

SLENDER BODIES
GS **SLENDER BODIES**
. SLENDER CONES
RT AERODYNAMIC CONFIGURATIONS
AERODYNAMICS
AXISYMMETRIC BODIES
∞ BODIES
DUCTED BODIES
FINENESS RATIO
MISSILE BODIES
STREAMLINED BODIES
SYMMETRICAL BODIES
∞ THIN BODIES

SLENDER CONES
GS CONES
. CONICAL BODIES
. . . **SLENDER CONES**
SLENDER BODIES
. **SLENDER CONES**
SYMMETRICAL BODIES
. BODIES OF REVOLUTION
. . . CONICAL BODIES
. . . **SLENDER CONES**
RT AERODYNAMIC CONFIGURATIONS
AXISYMMETRIC BODIES

SLENDER WINGS
UF HIGH ASPECT RATIO WINGS
GS AIRFOILS
. WINGS
. . . **SLENDER WINGS**

SLENDER WINGS-(CONT.)
RT . . . INFINITE SPAN WINGS
FIXED WINGS
WING PLANFORMS

SLEUTH (PROGRAMMING LANGUAGE)
GS LANGUAGES
. PROGRAMMING LANGUAGES
. . . MACHINE ORIENTED LANGUAGES
. . . **SLEUTH (PROGRAMMING LANGUAGE)**
RT COMPUTER PROGRAMMING

SLEWING
RT ANTENNAS
ERROR SIGNALS
POSITIONING DEVICES (MACHINERY)
RADAR TRACKING
SERVOMOTORS
SPINNERS

SLICING
GS CUTTING
. **SLICING**
RT METAL CUTTING
PLANING
PLANNING
SCARFING
∞ SEPARATION
SPLITTING

SLICKS
USE OIL SLICKS

SLIDES
USE CHUTES

SLIDES (MICROSCOPY)
RT MICROSCOPY

SLIDING
RT INTERFACIAL TENSION
LUBRICATION
MASS FLOW
∞ SLIP
SLUMPING
STATIC FRICTION

∞ **SLIDING CONTACT**
SN (USE OF A MORE SPECIFIC TERM IS
RECOMMENDED—CONSULT THE TERMS
LISTED BELOW)
RT ELECTRIC CONTACTS
SLIDING FRICTION

SLIDING FRICTION
GS FRICTION
. KINETIC FRICTION
. . . **SLIDING FRICTION**
RT COEFFICIENT OF FRICTION
DRY FRICTION
ELECTRIC CONTACTS
∞ SLIDING CONTACT
STATIC FRICTION
WEAR

∞ **SLIP**
SN (USE OF A MORE SPECIFIC TERM IS
RECOMMENDED—CONSULT THE TERMS
LISTED BELOW)
RT PLASTIC DEFORMATION
POLYSLIPS
SIDESLIP
SLIDING

SLIP BANDS
USE EDGE DISLOCATIONS

SLIP CASTING
GS FORMING TECHNIQUES
. CASTING
. . . **SLIP CASTING**

SLIP FLOW
SN (RAREFIED GAS FLOW IN THE REGION
BETWEEN KNUDSEN NUMBERS 0.01
AND 0.1 ONLY, EXCLUDES TRANSITION
FLOW, FREE MOLECULE FLOW CREEP,
SHEAR FLOW, AND PLASTIC FLOW)
GS FLUID FLOW
. GAS FLOW
. . . MOLECULAR FLOW
. . . **SLIP FLOW**
RT CONTINUUM FLOW

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SLIP FLOW-(CONT.)
FREE MOLECULAR FLOW
LOW DENSITY WIND TUNNELS
RAREFIED GAS DYNAMICS
TRANSITION FLOW

SLIPSTREAMS
GS WAKES
. AIRCRAFT WAKES
. . . **SLIPSTREAMS**
. . . PROPELLER SLIPSTREAMS
. TURBULENT WAKES
. . . **SLIPSTREAMS**
. . . PROPELLER SLIPSTREAMS
RT BACKWASH
STROUHAL NUMBER
TURBULENCE

SLITS
GS OPENINGS
. **SLITS**
RT APERTURES
FRESNEL REFLECTORS
SLOTS

SLIVERS
RT FIBERS
WOOD

SLOPES
UF CANT
SLANT
STEEPNESS
GS **SLOPES**
. GLIDE PATHS
RT ANGLES (GEOMETRY)
CLIFFS
ESCARPMENTS
∞ GRADE
GRADIENTS
HEIGHT
∞ INCLINATION
LANDFORMS
LANDSLIDES
LEVEL (HORIZONTAL)
PITCH (INCLINATION)
∞ PROFILES
∞ RAKES
RAMP FUNCTIONS
RAMPS (STRUCTURES)
TOPOGRAPHY

SLOSHING
USE LIQUID SLOSHING

SLOT ANTENNAS
UF SLOTTED ANTENNAS
GS ANTENNAS
. DIRECTIONAL ANTENNAS
. . . **SLOT ANTENNAS**
MICROWAVE EQUIPMENT
. MICROWAVE ANTENNAS
. . . **SLOT ANTENNAS**
RT ANTENNA DESIGN
HORN ANTENNAS
RADANT
RADAR ANTENNAS
WAVEGUIDE ANTENNAS

SLOTS
GS **SLOTS**
. WING SLOTS
RT LIFT DEVICES
LOUVERS
OPENINGS
SLITS

SLOTTED ANTENNAS
USE SLOT ANTENNAS

SLOTTED WIND TUNNELS
GS TEST FACILITIES
. WIND TUNNELS
. . . **SLOTTED WIND TUNNELS**
RT SUPERSONIC WIND TUNNELS
TRANSONIC WIND TUNNELS
TRISONIC WIND TUNNELS
VENTS

SLOVENIA
RT EUROPE

SLOW NEUTRONS
USE THERMAL NEUTRONS

SLUDGE
 GS **SLUDGE**
 . ACTIVATED SLUDGE
 RT DEPOSITS
 LIQUID WASTES
 MUD
 OCEAN BOTTOM
 ORGANIC WASTES (FUEL CONVERSION)
 REACTION PRODUCTS
 SEDIMENTS
 SEWAGE TREATMENT
 SOLID WASTES
 WASTE TREATMENT
 WASTES

SLUMPING
 RT GEOMORPHOLOGY
 MASS FLOW
 SLIDING

SLURRIES
 GS MIXTURES
 . **SLURRIES**
 RT DISPERSIONS
 EMULSIONS
 GELS
 RHEOCASTING
 SLURRY PROPELLANTS

SLURRY PROPELLANTS
 GS FUELS
 . CHEMICAL FUELS
 . . **SLURRY PROPELLANTS**
 . . . LIQUID FUELS
 . LIQUID ROCKET PROPELLANTS
 . . **SLURRY PROPELLANTS**
 . . . LIQUID FUELS
 LIQUIDS
 . LIQUID ROCKET PROPELLANTS
 . . **SLURRY PROPELLANTS**
 . . . LIQUID FUELS
 PROPELLANTS
 . ROCKET PROPELLANTS
 . . LIQUID ROCKET PROPELLANTS
 . . . **SLURRY PROPELLANTS**
 RT AIRCRAFT FUELS
 COLLOIDAL PROPELLANTS
 DISPERSIONS
 GELLED ROCKET PROPELLANTS
 METAL FUELS
 METAL PROPELLANTS
 MONOPROPELLANTS
 SLURRIES
 SOLID ROCKET PROPELLANTS

SLUSH
 RT BAY ICE
 CRYOGENIC ROCKET PROPELLANTS
 ICE
 RUNWAY CONDITIONS
 SNOW
 WATER

SLV
 USE STANDARD LAUNCH VEHICLES

SLV (SOFT LANDING VEHICLES)
 USE SOFT LANDING SPACECRAFT

SM-65 MISSILE
 USE ATLAS LAUNCH VEHICLES

SM-68 MISSILE
 USE TITAN 1 ICBM

SM-68B MISSILE
 USE TITAN 2 ICBM

SMALL ASTRONOMY SATELLITE A
 USE SAS-1

SMALL ASTRONOMY SATELLITE B
 USE SAS-2

SMALL ASTRONOMY SATELLITE C
 USE SAS-3

SMALL ASTRONOMY SATELLITE 1
 USE SAS-1

SMALL ASTRONOMY SATELLITE 2
 USE SAS-2

SMALL ASTRONOMY SATELLITE 3
 USE SAS-3

SMALL ASTRONOMY SATELLITES
 USE SAS

SMALL PERTURBATION FLOW
 GS FLUID FLOW
 . **SMALL PERTURBATION FLOW**
 RT FLOW DISTORTION
 OSCILLATING FLOW

SMALL SCIENTIFIC SATELLITES
 GS SATELLITES
 . ARTIFICIAL SATELLITES
 . . **SMALL SCIENTIFIC SATELLITES**
 . . . EARTH SATELLITES
 . . . **SMALL SCIENTIFIC SATELLITES**
 . . . SCIENTIFIC SATELLITES
 . . . **SMALL SCIENTIFIC SATELLITES**

SMALL WATER PLANE AREA TWIN HULL
 USE SWATH (SHIP)

SMALLPOX
 GS DISEASES
 . INFECTIOUS DISEASES
 . . **SMALLPOX**

SMEAR
 RT ∞ FREQUENCY RESPONSE
 IMAGE CONTRAST
 SIGNAL FADING
 TELEVISION TRANSMISSION
 VIDEO DATA

SMELL
 USE OLFACTORY PERCEPTION

SMELTING
 RT MELTING
 ∞ METALLURGY
 REDUCTION (CHEMISTRY)
 REFINING

SMITH CHART
 RT ELECTRICAL IMPEDANCE
 IMPEDANCE
 POLAR COORDINATES
 REACTANCE
 STANDING WAVE RATIOS
 TRANSMISSION LINES
 WAVEGUIDES

SMM-A
 USE SOLAR MAXIMUM MISSION-A

SMOG
 RT AIR POLLUTION
 AIR SAMPLING
 CARBON MONOXIDE
 COMBUSTION PRODUCTS
 ENVIRONMENTAL CHEMISTRY
 EXHAUST GASES
 FLAMES
 FOG
 HYDROCARBON COMBUSTION
 HYDROCARBON POISONING
 LEAD POISONING
 SMOKE

SMOKE
 GS MIXTURES
 . DISPERSIONS
 . . PLASTISOLS
 . . . **SMOKE**
 RT AEROSOLS
 AIR POLLUTION
 COMBUSTION PRODUCTS
 DUST
 EXHAUST GASES
 FIRE DAMAGE
 FOG
 FOREST FIRES
 FUMES
 HAZE DETECTION
 ∞ MARKERS
 PARTICLES
 SMOG
 SOOT
 VAPORS
 VISIBILITY

SMOKE ABATEMENT
 RT AEROSOLS
 AIR POLLUTION
 CARBON DIOXIDE REMOVAL
 EXHAUST GASES
 POLLUTION
 SOOT

SMOKE DETECTORS
 GS MEASURING INSTRUMENTS
 . INDICATING INSTRUMENTS
 . . **SMOKE DETECTORS**
 RT FIRE PREVENTION
 FUMES
 GAS DETECTORS
 SAFETY DEVICES
 SIGNAL PROCESSING

SMOKE TRAILS
 RT ∞ TRACKS
 WIND DIRECTION
 WIND MEASUREMENT
 WIND PROFILES

SMOOTHING
 GS **SMOOTHING**
 . DATA SMOOTHING
 RT ADJUSTING
 FLATTENING
 HONING
 LEVELING
 PLANING
 POLISHING
 ROUGHNESS

SMS
 USE SYNCHRONOUS METEOROLOGICAL
 SATELLITE

SMS 1
 GS SATELLITES
 . ARTIFICIAL SATELLITES
 . . METEOROLOGICAL SATELLITES
 . . . SYNCHRONOUS EARTH
 OBSERVATORY SATELLITE
 . . . **SMS 1**
 . . . SYNCHRONOUS METEOROLOGICAL
 SATELLITE
 . . . **SMS 1**
 . . . SYNCHRONOUS SATELLITES
 . . . SYNCHRONOUS EARTH
 OBSERVATORY SATELLITE
 . . . **SMS 1**
 . . . SYNCHRONOUS METEOROLOGICAL
 SATELLITE
 . . . **SMS 1**
 . . . EARTH SATELLITES
 . . . METEOROLOGICAL SATELLITES
 . . . SYNCHRONOUS EARTH
 OBSERVATORY SATELLITE
 . . . **SMS 1**
 . . . SYNCHRONOUS METEOROLOGICAL
 SATELLITE
 . . . **SMS 1**
 . . . SYNCHRONOUS SATELLITES
 . . . SYNCHRONOUS EARTH
 OBSERVATORY SATELLITE
 . . . **SMS 1**
 . . . SYNCHRONOUS METEOROLOGICAL
 SATELLITE
 . . . **SMS 1**
 RT GOES B (NOAA)
 NOAA SATELLITES

SMS 2
 GS SATELLITES
 . ARTIFICIAL SATELLITES
 . . METEOROLOGICAL SATELLITES
 . . . SYNCHRONOUS EARTH
 OBSERVATORY SATELLITE
 . . . **SMS 2**
 . . . SYNCHRONOUS METEOROLOGICAL
 SATELLITE
 . . . **SMS 2**
 . . . SYNCHRONOUS SATELLITES
 . . . SYNCHRONOUS EARTH
 OBSERVATORY SATELLITE
 . . . **SMS 2**
 . . . SYNCHRONOUS METEOROLOGICAL
 SATELLITE
 . . . **SMS 2**
 . . . EARTH SATELLITES
 . . . METEOROLOGICAL SATELLITES
 . . . SYNCHRONOUS EARTH
 OBSERVATORY SATELLITE

SMU (MANEUVERING UNITS)

SMS 2-(CONT.)

... SMS 2
... SYNCHRONOUS METEOROLOGICAL
SATELLITE
... SMS 2
... SYNCHRONOUS SATELLITES
... SYNCHRONOUS EARTH
OBSERVATORY SATELLITE
... SMS 2
... SYNCHRONOUS METEOROLOGICAL
SATELLITE
... SMS 2
RT GOES B (NOAA)
NOAA SATELLITES

SMU (MANEUVERING UNITS)

USE SELF MANEUVERING UNITS

SNAILS

GS ANIMALS
... INVERTEBRATES
... ARTHROPODS
... CEPHALOPODS
... SNAILS

SNAKES

GS ANIMALS
... POIKILOthermia
... REPTILES
... SNAKES
... VERTEBRATES
... REPTILES
... SNAKES

SNAKING

USE LATERAL OSCILLATION

SNAP

UF SYSTEMS FOR NUCLEAR AUXILIARY
POWER
GS AUXILIARY POWER SOURCES
... NUCLEAR AUXILIARY POWER UNITS
... SNAP
... FISSION ELECTRIC CELLS
... SNAP 2
... SNAP 4
... SNAP 8
... SNAP 10A
... SNAP 1
... SNAP 3
... SNAP 7
... SNAP 9A
... SNAP 11
... SNAP 13
... SNAP 15
... SNAP 17
... SNAP 19
... SNAP 21
... SNAP 23
... SNAP 27
... SNAP 29
... SNAP 50
... SNAP 80
NUCLEAR ELECTRIC POWER
GENERATION
... NUCLEAR AUXILIARY POWER UNITS
... SNAP
... FISSION ELECTRIC CELLS
... SNAP 2
... SNAP 4
... SNAP 8
... SNAP 10A
... SNAP 1
... SNAP 3
... SNAP 7
... SNAP 9A
... SNAP 11
... SNAP 13
... SNAP 15
... SNAP 17
... SNAP 19
... SNAP 21
... SNAP 23
... SNAP 27
... SNAP 29
... SNAP 50
... SNAP 80
RT ELECTRIC GENERATORS
HEAT EXCHANGERS
NUCLEAR POWER REACTORS
SNAPTRAN REACTOR
SPACE POWER UNIT REACTORS

∞ SYSTEMS
THERMIONIC CONVERTERS
THERMIONIC POWER GENERATION

SNAP-(CONT.)

THERMOELECTRIC GENERATORS
THERMOELECTRIC POWER GENERATION
TRANSIENT REACTOR TEST FACILITY
TURBOGENERATORS

SNAP 1

GS AUXILIARY POWER SOURCES
... NUCLEAR AUXILIARY POWER UNITS
... SNAP
... SNAP 1
NUCLEAR ELECTRIC POWER
GENERATION
... NUCLEAR AUXILIARY POWER UNITS
... SNAP
... SNAP 1
RT HEAT EXCHANGERS
TURBOGENERATORS

SNAP 2

GS AUXILIARY POWER SOURCES
... NUCLEAR AUXILIARY POWER UNITS
... SNAP
... FISSION ELECTRIC CELLS
... SNAP 2
... SPACE POWER REACTORS
... FISSION ELECTRIC CELLS
... SNAP 2
NUCLEAR ELECTRIC POWER
GENERATION
... NUCLEAR AUXILIARY POWER UNITS
... SNAP
... FISSION ELECTRIC CELLS
... SNAP 2
... SPACE POWER REACTORS
... FISSION ELECTRIC CELLS
... SNAP 2
... NUCLEAR POWER REACTORS
... SPACE POWER REACTORS
... FISSION ELECTRIC CELLS
... SNAP 2
NUCLEAR REACTORS
... NUCLEAR POWER REACTORS
... SPACE POWER REACTORS
... FISSION ELECTRIC CELLS
... SNAP 2
RT HEAT EXCHANGERS
SPACE POWER UNIT REACTORS
TURBOGENERATORS

SNAP 3

GS AUXILIARY POWER SOURCES
... NUCLEAR AUXILIARY POWER UNITS
... SNAP
... SNAP 3
ELECTRIC GENERATORS
... DIRECT POWER GENERATORS
... THERMOELECTRIC GENERATORS
... SNAP 3
NUCLEAR ELECTRIC POWER
GENERATION
... NUCLEAR AUXILIARY POWER UNITS
... SNAP
... SNAP 3

SNAP 4

GS AUXILIARY POWER SOURCES
... NUCLEAR AUXILIARY POWER UNITS
... SNAP
... FISSION ELECTRIC CELLS
... SNAP 4
... SPACE POWER REACTORS
... FISSION ELECTRIC CELLS
... SNAP 4
NUCLEAR ELECTRIC POWER
GENERATION
... NUCLEAR AUXILIARY POWER UNITS
... SNAP
... FISSION ELECTRIC CELLS
... SNAP 4
... SPACE POWER REACTORS
... FISSION ELECTRIC CELLS
... SNAP 4
... NUCLEAR POWER REACTORS
... SPACE POWER REACTORS
... FISSION ELECTRIC CELLS
... SNAP 4
RT SPACE POWER UNIT REACTORS

SNAP 7

GS AUXILIARY POWER SOURCES
... NUCLEAR AUXILIARY POWER UNITS
... SNAP
... SNAP 7
ELECTRIC GENERATORS
... DIRECT POWER GENERATORS
... RADIOISOTOPE BATTERIES
... SNAP 7
... THERMOELECTRIC GENERATORS
... SNAP 7
NUCLEAR ELECTRIC POWER
GENERATION
... NUCLEAR AUXILIARY POWER UNITS
... SNAP
... SNAP 7

SNAP 8

GS AUXILIARY POWER SOURCES
... NUCLEAR AUXILIARY POWER UNITS
... SNAP
... FISSION ELECTRIC CELLS
... SNAP 8
... SPACE POWER REACTORS
... FISSION ELECTRIC CELLS
... SNAP 8
NUCLEAR ELECTRIC POWER
GENERATION
... NUCLEAR AUXILIARY POWER UNITS
... SNAP
... FISSION ELECTRIC CELLS
... SNAP 8
... SPACE POWER REACTORS
... FISSION ELECTRIC CELLS
... SNAP 8
... NUCLEAR POWER REACTORS
... SPACE POWER REACTORS
... FISSION ELECTRIC CELLS
... SNAP 8
NUCLEAR REACTORS
... NUCLEAR POWER REACTORS
... SPACE POWER REACTORS
... FISSION ELECTRIC CELLS
... SNAP 8
RT HEAT EXCHANGERS
SPACE POWER UNIT REACTORS
TURBOGENERATORS

SNAP 9A

GS AUXILIARY POWER SOURCES
... NUCLEAR AUXILIARY POWER UNITS
... SNAP
... SNAP 9A
ELECTRIC GENERATORS
... DIRECT POWER GENERATORS
... RADIOISOTOPE BATTERIES
... SNAP 9A
... THERMOELECTRIC GENERATORS
... SNAP 9A
NUCLEAR ELECTRIC POWER
GENERATION
... NUCLEAR AUXILIARY POWER UNITS
... SNAP
... SNAP 9A

SNAP 10A

GS AUXILIARY POWER SOURCES
... NUCLEAR AUXILIARY POWER UNITS
... SNAP
... FISSION ELECTRIC CELLS
... SNAP 10A
... SPACE POWER REACTORS
... FISSION ELECTRIC CELLS
... SNAP 10A
ELECTRIC GENERATORS
... DIRECT POWER GENERATORS
... THERMOELECTRIC GENERATORS
... SNAP 10A
NUCLEAR ELECTRIC POWER
GENERATION
... NUCLEAR AUXILIARY POWER UNITS
... SNAP
... FISSION ELECTRIC CELLS
... SNAP 10A
... SPACE POWER REACTORS
... FISSION ELECTRIC CELLS
... SNAP 10A
... NUCLEAR POWER REACTORS
... SPACE POWER REACTORS
... FISSION ELECTRIC CELLS
... SNAP 10A
NUCLEAR REACTORS
... NUCLEAR POWER REACTORS
... SPACE POWER REACTORS
... FISSION ELECTRIC CELLS

SNAP 10A-(CONT.)

RT . . . SNAP 10A
HEAT EXCHANGERS
SNAPSHOT SATELLITE

SNAP 11

GS AUXILIARY POWER SOURCES
. NUCLEAR AUXILIARY POWER UNITS
. SNAP
. . . SNAP 11
ELECTRIC GENERATORS
. DIRECT POWER GENERATORS
. RADIOISOTOPE BATTERIES
. . . SNAP 11
. THERMOELECTRIC GENERATORS
. . . SNAP 11
NUCLEAR ELECTRIC POWER
GENERATION
. NUCLEAR AUXILIARY POWER UNITS
. SNAP
. . . SNAP 11

SNAP 13

GS AUXILIARY POWER SOURCES
. NUCLEAR AUXILIARY POWER UNITS
. SNAP
. . . SNAP 13
ELECTRIC GENERATORS
. DIRECT POWER GENERATORS
. RADIOISOTOPE BATTERIES
. . . SNAP 13
. THERMIONIC CONVERTERS
. . . SNAP 13
NUCLEAR ELECTRIC POWER
GENERATION
. NUCLEAR AUXILIARY POWER UNITS
. SNAP
. . . SNAP 13
RT THERMIONIC POWER GENERATION

SNAP 15

GS AUXILIARY POWER SOURCES
. NUCLEAR AUXILIARY POWER UNITS
. SNAP
. . . SNAP 15
ELECTRIC GENERATORS
. DIRECT POWER GENERATORS
. RADIOISOTOPE BATTERIES
. . . SNAP 15
. THERMOELECTRIC GENERATORS
. . . SNAP 15
NUCLEAR ELECTRIC POWER
GENERATION
. NUCLEAR AUXILIARY POWER UNITS
. SNAP
. . . SNAP 15

SNAP 17

GS AUXILIARY POWER SOURCES
. NUCLEAR AUXILIARY POWER UNITS
. SNAP
. . . SNAP 17
ELECTRIC GENERATORS
. DIRECT POWER GENERATORS
. RADIOISOTOPE BATTERIES
. . . SNAP 17
. THERMOELECTRIC GENERATORS
. . . SNAP 17
NUCLEAR ELECTRIC POWER
GENERATION
. NUCLEAR AUXILIARY POWER UNITS
. SNAP
. . . SNAP 17

SNAP 19

GS AUXILIARY POWER SOURCES
. NUCLEAR AUXILIARY POWER UNITS
. SNAP
. . . SNAP 19
ELECTRIC GENERATORS
. DIRECT POWER GENERATORS
. RADIOISOTOPE BATTERIES
. . . SNAP 19
. THERMOELECTRIC GENERATORS
. . . SNAP 19
NUCLEAR ELECTRIC POWER
GENERATION
. NUCLEAR AUXILIARY POWER UNITS
. SNAP
. . . SNAP 19

SNAP 21

GS AUXILIARY POWER SOURCES
. NUCLEAR AUXILIARY POWER UNITS
. SNAP

SNAP 21-(CONT.)

. . . SNAP 21
ELECTRIC GENERATORS
. DIRECT POWER GENERATORS
. RADIOISOTOPE BATTERIES
. . . SNAP 21
. THERMOELECTRIC GENERATORS
. . . SNAP 21
NUCLEAR ELECTRIC POWER
GENERATION
. NUCLEAR AUXILIARY POWER UNITS
. SNAP
. . . SNAP 21

SNAP 23

GS AUXILIARY POWER SOURCES
. NUCLEAR AUXILIARY POWER UNITS
. SNAP
. . . SNAP 23
ELECTRIC GENERATORS
. DIRECT POWER GENERATORS
. RADIOISOTOPE BATTERIES
. . . SNAP 23
. THERMOELECTRIC GENERATORS
. . . SNAP 23
NUCLEAR ELECTRIC POWER
GENERATION
. NUCLEAR AUXILIARY POWER UNITS
. SNAP
. . . SNAP 23

SNAP 27

GS AUXILIARY POWER SOURCES
. NUCLEAR AUXILIARY POWER UNITS
. SNAP
. . . SNAP 27
ELECTRIC GENERATORS
. DIRECT POWER GENERATORS
. RADIOISOTOPE BATTERIES
. . . SNAP 27
. THERMOELECTRIC GENERATORS
. . . SNAP 27
NUCLEAR ELECTRIC POWER
GENERATION
. NUCLEAR AUXILIARY POWER UNITS
. SNAP
. . . SNAP 27

SNAP 29

GS AUXILIARY POWER SOURCES
. NUCLEAR AUXILIARY POWER UNITS
. SNAP
. . . SNAP 29
ELECTRIC GENERATORS
. DIRECT POWER GENERATORS
. RADIOISOTOPE BATTERIES
. . . SNAP 29
. THERMOELECTRIC GENERATORS
. . . SNAP 29
NUCLEAR ELECTRIC POWER
GENERATION
. NUCLEAR AUXILIARY POWER UNITS
. SNAP
. . . SNAP 29

SNAP 50

GS AUXILIARY POWER SOURCES
. NUCLEAR AUXILIARY POWER UNITS
. SNAP
. . . SNAP 50
. SPACE POWER REACTORS
. . . SNAP 50
NUCLEAR ELECTRIC POWER
GENERATION
. NUCLEAR AUXILIARY POWER UNITS
. SNAP
. . . SNAP 50
RT SPACE POWER UNIT REACTORS

SNAP 80

GS AUXILIARY POWER SOURCES
. NUCLEAR AUXILIARY POWER UNITS
. SNAP
. . . SNAP 80
NUCLEAR ELECTRIC POWER
GENERATION
. NUCLEAR AUXILIARY POWER UNITS
. SNAP
. . . SNAP 80

SNAPSHOT SATELLITE

GS SATELLITES
. ARTIFICIAL SATELLITES

SNAPSHOT SATELLITE-(CONT.)

. . . SNAPSHOT SATELLITE
. EARTH SATELLITES
. . . SNAPSHOT SATELLITE
RT SNAP 10A

SNAPTRAN REACTOR

RT ∞ REACTORS
SNAP

SNATCHING

USE SPACECRAFT RECOVERY

SNEAK CIRCUIT ANALYSIS

GS NETWORK ANALYSIS
. SNEAK CIRCUIT ANALYSIS
RT AUTOMATIC TEST EQUIPMENT
CIRCUIT PROTECTION
CIRCUIT RELIABILITY
CRITICAL PATH METHOD
ELECTRIC NETWORKS
ELECTRICAL FAULTS
RELIABILITY ENGINEERING
SHORT CIRCUITS
SIGNAL FLOW GRAPHS
TREES (MATHEMATICS)

SNEEZING

GS REFLEXES
. RESPIRATORY REFLEXES
. . . SNEEZING
RT INVOLUNTARY ACTIONS
VASOCONSTRICTION

SNELLEN TESTS

RT VISUAL ACUITY

SNELLS LAW

GS LAWS
. SNELLS LAW
RT GEOMETRICAL OPTICS
∞ OPTICS
REFRACTION
REFRACTIVITY

SNOW

GS PRECIPITATION (METEOROLOGY)
. SNOW
RT ACID RAIN
CIRQUES (LANDFORMS)
CLOUD GLACIATION
ICE FORMATION
SLUSH
STORMS (METEOROLOGY)

SNOW AERIAL APPLICATOR AIRCRAFT S-2B

USE S-2 AIRCRAFT

SNOW AIRCRAFT

GS SNOW AIRCRAFT
. S-2 AIRCRAFT
RT ∞ AIRCRAFT
UTILITY AIRCRAFT

SNOW COVER

GS PRECIPITATION (METEOROLOGY)
. SNOW COVER
RT CLOUD GLACIATION
COLD WEATHER
STORM DAMAGE
STORMS
STORMS (METEOROLOGY)

SNOW S-2 AIRCRAFT

USE S-2 AIRCRAFT

SNOWFLOW EFFECT

USE PLASMA DYNAMICS

SNOWSTORMS

GS STORMS
. STORMS (METEOROLOGY)
. . . SNOWSTORMS
RT CLIMATOLOGY
PRECIPITATION (METEOROLOGY)
STORM ENHANCEMENT
STORM SUPPRESSION
WEATHER FORECASTING
WEATHER MODIFICATION

∞ SOAKING

SN (USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)

SOAPS

SOAKING-(CONT.)

RT BATHS
HEAT TREATMENT
HEATING
SUBMERGING
WATER IMMERSION
WETTING

SOAPS

GS CONSUMABLES (SPACECRAFT)
. CONSUMABLES (SPACECREW
SUPPLIES)
. **SOAPS**
RT DETERGENTS
STEARATES
SURFACTANTS
WETTING

SOARING

RT CLIMBING FLIGHT
COASTING FLIGHT
∞ FLIGHT
GLIDERS
GLIDING
HANG GLIDERS
HORIZONTAL FLIGHT
VERTICAL AIR CURRENTS

SOCIAL FACTORS

GS SOCIOLOGY
. **SOCIAL FACTORS**
. ETHNIC FACTORS
RT ANTHROPOLOGY
CULTURE (SOCIAL SCIENCES)
POLICE
RACE FACTORS
STARSITE PROGRAM
URBAN PLANNING
URBAN RESEARCH
∞ VARIABLE

SOCIAL ISOLATION

GS ISOLATION
. **SOCIAL ISOLATION**
RT SOCIOLOGY

SOCIAL PSYCHIATRY

GS MEDICAL SCIENCE
. PSYCHIATRY
. **SOCIAL PSYCHIATRY**
RT SOCIOLOGY

SOCIOLOGY

GS **SOCIOLOGY**
. SOCIAL FACTORS
. ETHNIC FACTORS
RT ANTHROPOLOGY
CASE HISTORIES
CITIES
COMMUNITIES
CULTURE (SOCIAL SCIENCES)
DEMOGRAPHY
DEPENDENCE
ETHNIC FACTORS
GROUP DYNAMICS
MINORITIES
POLITICS
RACE FACTORS
RETIREMENT
SOCIAL ISOLATION
SOCIAL PSYCHIATRY
SYSTEMS ANALYSIS
URBAN PLANNING

SOCKS

GS CLOTHING
. **SOCKS**
RT FABRICS
SHOES

SOD

RT CANOPIES (VEGETATION)
FARMLANDS
GRASSES
GRASSLANDS
LAND
PLOWING

SODALITE

RT CHEMICAL REACTIONS
PHOTOCHEMICAL REACTIONS
PHOTOCHROMISM

SODAR

RT ACOUSTIC SCATTERING
ATMOSPHERIC TEMPERATURE
∞ INSTRUMENTS
MEASURING INSTRUMENTS
METEOROLOGICAL INSTRUMENTS
METEOROLOGY
SOUND DETECTING AND RANGING
TEMPERATURE MEASUREMENT

SODIUM

GS CHEMICAL ELEMENTS
. ALKALI METALS
. **SODIUM**
. LIQUID SODIUM
. SODIUM ISOTOPES
. SODIUM 22
. SODIUM 24
. SODIUM VAPOR
METALS
. ALKALI METALS
. **SODIUM**
. LIQUID SODIUM
. SODIUM ISOTOPES
. SODIUM 22
. SODIUM 24
. SODIUM VAPOR
RT DAWSONITE
LIQUID METAL COOLED REACTORS

SODIUM ALLOYS

GS ALLOYS
. **SODIUM ALLOYS**

SODIUM AZIDES

GS NITROGEN COMPOUNDS
. AZIDES (INORGANIC)
. **SODIUM AZIDES**
. AZIDES (ORGANIC)
. **SODIUM AZIDES**
SODIUM COMPOUNDS
. **SODIUM AZIDES**
RT DETONATORS
EXPLOSIVES

SODIUM BROMIDES

GS HALOGEN COMPOUNDS
. BROMINE COMPOUNDS
. BROMIDES
. **SODIUM BROMIDES**
. HALIDES
. BROMIDES
. **SODIUM BROMIDES**
. METAL HALIDES
. ALKALI HALIDES
. **SODIUM BROMIDES**
SODIUM COMPOUNDS
. **SODIUM BROMIDES**

SODIUM CARBONATES

GS CARBON COMPOUNDS
. CARBONATES
. **SODIUM CARBONATES**
SODIUM COMPOUNDS
. **SODIUM CARBONATES**

SODIUM CHLORIDES

GS HALOGEN COMPOUNDS
. CHLORINE COMPOUNDS
. CHLORIDES
. **SODIUM CHLORIDES**
. HALIDES
. CHLORIDES
. **SODIUM CHLORIDES**
. METAL HALIDES
. ALKALI HALIDES
. **SODIUM CHLORIDES**
SODIUM COMPOUNDS
. **SODIUM CHLORIDES**
RT MOLTEN SALTS
SALT BEDS
∞ SALTS

SODIUM CHLORODIFLUOROACETATES

GS ACETATES
. **SODIUM CHLORODIFLUOROACETATES**
ALIPHATIC COMPOUNDS
. **SODIUM CHLORODIFLUOROACETATES**
ESTERS
. **SODIUM CHLORODIFLUOROACETATES**

SODIUM CHROMITES

GS SODIUM COMPOUNDS
. **SODIUM CHROMITES**

NASA THESAURUS (VOLUME 1)

SODIUM COMPOUNDS

GS **SODIUM COMPOUNDS**
. CRYOLITE
. NEMBUTAL (TRADEMARK)
. NEPHELINE
. SODIUM AZIDES
. SODIUM BROMIDES
. SODIUM CARBONATES
. SODIUM CHLORIDES
. SODIUM CHROMITES
. SODIUM FLUORIDES
. SODIUM FLUOZIRCONATES
. SODIUM GALLATES
. SODIUM HYDRIDES
. SODIUM HYDROXIDES
. SODIUM IODIDES
. SODIUM NITRATES
. SODIUM PERFLUOROBUTOXIDE
. SODIUM PERMANGANATES
. SODIUM PEROXIDES
. SODIUM SALICYLATES
. SODIUM SILICATES
. SPODUMENE
. SPURRITE
. TALC
. TOURMALINE
. SODIUM SULFATES
. SODIUM SULFITES
RT ∞ ALKALI METAL COMPOUNDS
BLOEDITE
∞ METAL COMPOUNDS

SODIUM COOLING

SN (COOLING WITH SODIUM)
GS COOLING
. **SODIUM COOLING**
RT COOLANTS
LIQUID COOLED REACTORS
LIQUID COOLING

SODIUM FLUORIDES

GS HALOGEN COMPOUNDS
. FLUORINE COMPOUNDS
. FLUORIDES
. METAL FLUORIDES
. **SODIUM FLUORIDES**
. HALIDES
. METAL HALIDES
. ALKALI HALIDES
. **SODIUM FLUORIDES**
SODIUM COMPOUNDS
. **SODIUM FLUORIDES**

SODIUM FLUOZIRCONATES

GS SODIUM COMPOUNDS
. **SODIUM FLUOZIRCONATES**
ZIRCONIUM COMPOUNDS
. ZIRCONATES
. **SODIUM FLUOZIRCONATES**

SODIUM GALLATES

GS GALLIUM COMPOUNDS
. GALLATES
. **SODIUM GALLATES**
SODIUM COMPOUNDS
. **SODIUM GALLATES**

SODIUM GRAPHITE REACTORS

UF SGR (NUCLEAR REACTORS)
GS NUCLEAR REACTORS
. LIQUID COOLED REACTORS
. LIQUID METAL COOLED REACTORS
. **SODIUM GRAPHITE REACTORS**
RT HALLAM NUCLEAR POWER FACILITY
NUCLEAR POWER REACTORS

SODIUM HYDRIDES

GS HYDROGEN COMPOUNDS
. HYDRIDES
. METAL HYDRIDES
. **SODIUM HYDRIDES**
SODIUM COMPOUNDS
. **SODIUM HYDRIDES**

SODIUM HYDROXIDES

GS ALKALIES
. **SODIUM HYDROXIDES**
HYDROXIDES
. **SODIUM HYDROXIDES**
SODIUM COMPOUNDS
. **SODIUM HYDROXIDES**

SODIUM IODIDES

GS HALOGEN COMPOUNDS
. HALIDES

SODIUM IODIDES-(CONT.)

. . . METAL HALIDES
 . . . ALKALI HALIDES
 . . . **SODIUM IODIDES**
 . . . IODINE COMPOUNDS
 . . . IODIDES
 . . . **SODIUM IODIDES**
 SODIUM COMPOUNDS
 . **SODIUM IODIDES**

SODIUM ISOTOPES

GS CHEMICAL ELEMENTS
 . ALKALI METALS
 . SODIUM
 . . . **SODIUM ISOTOPES**
 . . . SODIUM 22
 . . . SODIUM 24
 . NUCLIDES
 . ISOTOPES
 . . . **SODIUM ISOTOPES**
 . . . SODIUM 22
 . . . SODIUM 24
 METALS
 . ALKALI METALS
 . SODIUM
 . . . **SODIUM ISOTOPES**
 . . . SODIUM 22
 . . . SODIUM 24

SODIUM NITRATES

GS NITROGEN COMPOUNDS
 . NITRATES
 . . INORGANIC NITRATES
 . . . **SODIUM NITRATES**
 SODIUM COMPOUNDS
 . **SODIUM NITRATES**

SODIUM PERFLUOROBUTOXIDE

GS ALIPHATIC COMPOUNDS
 . **SODIUM PERFLUOROBUTOXIDE**
 PERFLUORO COMPOUNDS
 . **SODIUM PERFLUOROBUTOXIDE**
 SODIUM COMPOUNDS
 . **SODIUM PERFLUOROBUTOXIDE**

SODIUM PERMANGANATES

GS MANGANESE COMPOUNDS
 . PERMANGANATES
 . . **SODIUM PERMANGANATES**
 SODIUM COMPOUNDS
 . **SODIUM PERMANGANATES**

SODIUM PEROXIDES

GS CHALCOGENIDES
 . OXIDES
 . . ANHYDRIDES
 . . . PEROXIDES
 . . . **SODIUM PEROXIDES**
 . . METAL OXIDES
 . . . **SODIUM PEROXIDES**
 SODIUM COMPOUNDS
 . **SODIUM PEROXIDES**

SODIUM REACTOR EXPERIMENT

UF SRE REACTOR
 GS NUCLEAR REACTORS
 . LIQUID COOLED REACTORS
 . . LIQUID METAL COOLED REACTORS
 . . . **SODIUM REACTOR EXPERIMENT**
 . . NUCLEAR RESEARCH AND TEST
 . . . REACTORS
 . . . **SODIUM REACTOR EXPERIMENT**
 RT LIQUID METAL COOLED REACTORS

SODIUM SALICYLATES

GS ESTERS
 . **SODIUM SALICYLATES**
 SALICYLATES
 . **SODIUM SALICYLATES**
 SODIUM COMPOUNDS
 . **SODIUM SALICYLATES**

SODIUM SILICATES

GS SILICON COMPOUNDS
 . SILICATES
 . . **SODIUM SILICATES**
 . . . SPODUMENE
 . . . SPURRITE
 . . . TALC
 . . . TOURMALINE
 SODIUM COMPOUNDS
 . **SODIUM SILICATES**
 . . SPODUMENE
 . . SPURRITE
 . . TALC

SODIUM SILICATES-(CONT.)

RT . . . TOURMALINE
 MINERALS

SODIUM SULFATES

GS SODIUM COMPOUNDS
 . **SODIUM SULFATES**
 SULFUR COMPOUNDS
 . SULFATES
 . . **SODIUM SULFATES**

SODIUM SULFITES

GS SODIUM COMPOUNDS
 . **SODIUM SULFITES**
 SULFUR COMPOUNDS
 . SULFITES
 . . **SODIUM SULFITES**

SODIUM SULFUR BATTERIES

GS ELECTROCHEMICAL CELLS
 . ELECTRIC BATTERIES
 . . PRIMARY BATTERIES
 . . . **SODIUM SULFUR BATTERIES**
 RT ∞ ELECTRIC CELLS

SODIUM VAPOR

GS CHEMICAL ELEMENTS
 . ALKALI METALS
 . SODIUM
 . . . **SODIUM VAPOR**
 METALS
 . ALKALI METALS
 . SODIUM
 . . . **SODIUM VAPOR**
 . . METAL VAPORS
 . . . **SODIUM VAPOR**
 VAPORS
 . METAL VAPORS
 . . **SODIUM VAPOR**
 RT MERCURY VAPOR

SODIUM 22

GS CHEMICAL ELEMENTS
 . ALKALI METALS
 . SODIUM
 . . . SODIUM ISOTOPES
 . . . **SODIUM 22**
 . . NUCLIDES
 . . ISOTOPES
 . . . RADIOACTIVE ISOTOPES
 . . . **SODIUM 22**
 . . SODIUM ISOTOPES
 . . . **SODIUM 22**
 METALS
 . ALKALI METALS
 . SODIUM
 . . . SODIUM ISOTOPES
 . . . **SODIUM 22**

SODIUM 24

GS CHEMICAL ELEMENTS
 . ALKALI METALS
 . SODIUM
 . . . SODIUM ISOTOPES
 . . . **SODIUM 24**
 . . NUCLIDES
 . . ISOTOPES
 . . . RADIOACTIVE ISOTOPES
 . . . **SODIUM 24**
 . . SODIUM ISOTOPES
 . . . **SODIUM 24**
 METALS
 . ALKALI METALS
 . SODIUM
 . . . SODIUM ISOTOPES
 . . . **SODIUM 24**

SOFT LANDING

SN (SPACECRAFT OR AIRCRAFT)
 UF SOFT RECOVERY
 GS LANDING
 . **SOFT LANDING**
 RT AIRCRAFT LANDING
 ∞ ASTRONAUTICS
 CRASH LANDING
 GLIDE LANDINGS
 HARD LANDING
 HORIZONTAL SPACECRAFT LANDING
 LUNAR LANDING
 MARS LANDING
 PLANETARY LANDING
 SPACECRAFT LANDING
 SURVEYOR PROJECT
 VIKING 75 ENTRY VEHICLE
 WATER LANDING

SOFT LANDING SPACECRAFT

UF SLV (SOFT LANDING VEHICLES)
 GS **SOFT LANDING SPACECRAFT**
 . AEROSPACEPLANES
 . . ASTROPLANE
 . . APOLLO SPACECRAFT
 . . APOLLO LUNAR EXPERIMENT
 . . . MODULE
 . . . ASTRO VEHICLE
 . . GEMINI B SPACECRAFT
 . . GEMINI SPACECRAFT
 . . GEMINI (GT-1) SPACECRAFT
 . . GEMINI 2 SPACECRAFT
 . . JANUS SPACECRAFT
 . . LANDING MODULES
 . . LUNAR LANDING MODULES
 . . . LUNAR MODULE
 APOLLO LUNAR EXPERIMENT
 MODULE
 LSSM
 . . MARS EXCURSION MODULE
 . . MERCURY SPACECRAFT
 . . AURORA 7
 . . FAITH 7
 . . FREEDOM 7
 . . FRIENDSHIP 7
 . . LIBERTY BELL 7
 . . SIGMA 7
 . . SURVEYOR LUNAR PROBES
 . . SURVEYOR 1 LUNAR PROBE
 . . SURVEYOR 2 LUNAR PROBE
 . . SURVEYOR 3 LUNAR PROBE
 . . SURVEYOR 4 LUNAR PROBE
 . . SURVEYOR 5 LUNAR PROBE
 . . SURVEYOR 6 LUNAR PROBE
 . . SURVEYOR 7 LUNAR PROBE
 . . VOSKHOD MANNED SPACECRAFT
 . . VOSKHOD 1 SPACECRAFT
 . . VOSKHOD 2 SPACECRAFT
 . . VOSTOK SPACECRAFT
 . . VOSTOK 1 SPACECRAFT
 . . VOSTOK 2 SPACECRAFT
 . . VOSTOK 3 SPACECRAFT
 . . VOSTOK 4 SPACECRAFT
 . . VOSTOK 5 SPACECRAFT
 . . VOSTOK 6 SPACECRAFT
 RT APOLLO PROJECT
 FERRY SPACECRAFT
 HOVERING ROCKET VEHICLES
 LUNAR PROBES
 REUSABLE SPACECRAFT
 SPACE CAPSULES
 ∞ SPACECRAFT
 SPACECRAFT LANDING
 SURVEYOR PROJECT
 X-20 AIRCRAFT

SOFT RECOVERY

USE SOFT LANDING

SOFTENING

SN (EXCLUDES WATER SOFTENING)
 GS **SOFTENING**
 . WORK SOFTENING
 RT ANNEALING
 DEIONIZATION
 DEMINERALIZING
 DIGESTING
 DISSOLVING
 HARDENING (MATERIALS)
 ION EXCHANGING

SOFTNESS

RT DUCTILITY
 ELASTIC PROPERTIES
 FLEXIBILITY
 HARDNESS
 STIFFNESS

SOFTWARE (COMPUTERS)

USE COMPUTER PROGRAMS
 COMPUTER SYSTEMS PROGRAMS

SOIL EROSION

GS EROSION
 . **SOIL EROSION**
 RT ABRASION
 ATMOSPHERIC EFFECTS
 DETERIORATION
 ENVIRONMENT EFFECTS
 HYDROGEOLOGY
 LANDSLIDES
 OUTLIERS (LANDFORMS)
 PENEPLAINS
 RAIN EROSION

SOIL MAPPING

SOIL EROSION-(CONT.)

RAIN IMPACT DAMAGE
SOILS
WATER EROSION
WEATHERING
WIND EFFECTS

SOIL MAPPING

GS MAPPING
RT
SOIL MAPPING
GEOGRAPHIC APPLICATIONS PROGRAM
MAPS
PHOTOMAPPING
SOILS
SPOT (FRENCH SATELLITE)
SURVEYS
TERRAIN ANALYSIS

SOIL MECHANICS

RT CRUSTAL FRACTURES
FRACTURE MECHANICS
GEOTECHNICAL ENGINEERING
GEOTECHNICAL FABRICS
ROCK MECHANICS

SOIL MOISTURE

GS MOISTURE
RT
SOIL MOISTURE
LYSIMETERS
MOISTURE CONTENT
PLANT STRESS
SOILS
VEGETATION GROWTH

SOIL SCIENCE

UF PEDOLOGY
RT AGRICULTURE
CONSERVATION
EROSION
SOILS
VEGETATION GROWTH

SOILS

GS SOILS
ALLUVIUM
DIRT
GRAVELS
LATERITES
LUNAR SOIL
LUNAR DUST
MUD
PERMAFROST
SANDS
MONAZITE SANDS
TAR SANDS
RT ANDESITE
ANORTHOSITE
ATAXITE
BARREN LAND
BASALT
BEDROCK
BENTONITE
BOREHOLES
BRECCIA
CARBONACEOUS ROCKS
CLAYS
COAL
CONSERVATION
CULTIVATION
DELTAS
DIORITE
DUNITE
EARTH RESOURCES
ECLOGITE
ENSTATITE
FORMATIONS
GEOLOGY
GNEISS
GRANITE
IGNEOUS ROCKS
ILLITE
KAOLINITE
LAND
LANDSLIDES
LAVA
LIMESTONE
LYSIMETERS
MAGMA
MINERALS
MOLDAVITE
MUSKEGS
OBSIDIAN
OLIVINE
PERIDOTITE
PLANTING

SOILS-(CONT.)

POLYURETHANE FOAM
POROUS MATERIALS
PUMICE
PYROXENES
QUARTZ
ROCKS
SANDSTONES
SEDIMENTARY ROCKS
SERPENTINE
SHALES
SOIL EROSION
SOIL MAPPING
SOIL MOISTURE
SOIL SCIENCE
STRIP MINING
SYENITE
TRACHYTE
TUNNELING (EXCAVATION)
VADOSE WATER
VEGETATION GROWTH

SOL-GEL PROCESSES

RT CERAMIC NUCLEAR FUELS
NUCLEAR FUELS
PROCESSES

SOLAR ACTIVITY

GS SOLAR ACTIVITY
FACULAE
SOLAR PROMINENCES
SOLAR STORMS
SPICULES
STELLAR FLARES
SOLAR FLARES
SUNSPOTS
RT ACTIVITY
AURORAS
DISTURBANCES
INTERNATIONAL QUIET SUN YEAR
IRIS SATELLITES
MAGNETIC DISTURBANCES
PROMINENCES
RADIO AURORAS
STARSPOTS
SUN
SUNSPOT CYCLE

SOLAR ACTIVITY EFFECTS

RT BLACKOUT (PROPAGATION)
EFFECTS
HELIOSPHERE
MAGNETIC DISTURBANCES
SECULAR VARIATIONS
SOLAR OSCILLATIONS
SUDDEN IONOSPHERIC DISTURBANCES
SUDDEN STORM COMMENCEMENTS

SOLAR ARRAYS

UF ROLLUP SOLAR ARRAYS
GS ARRAYS
SOLAR ARRAYS
SOLAR BLANKETS
RT ELECTROSTATIC BONDING
PAYLOAD DELIVERY (STS)
POWER MODULES (STS)
SATELLITE POWER TRANSMISSION (TO EARTH)
SOLAR ATRIUMS

SOLAR ATMOSPHERE

GS ENVIRONMENTS
EXTRATERRESTRIAL ENVIRONMENTS
STELLAR ATMOSPHERES
SOLAR ATMOSPHERE
RT ATMOSPHERES
CHROMOSPHERE
M REGION
PHOTOSPHERE
SOLAR OSCILLATIONS
SPICULES
STELLAR STRUCTURE
SUN

SOLAR ATRIUMS

RT SOLAR ARRAYS
SOLAR HEATING
SOLAR REFLECTORS
SPACE HEATING (BUILDINGS)

SOLAR AUXILIARY POWER UNITS

GS AUXILIARY POWER SOURCES
SOLAR AUXILIARY POWER UNITS
SUNFLOWER POWER SYSTEM
ELECTRIC GENERATORS

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SOLAR AUXILIARY POWER UNITS-(CONT.)

SOLAR GENERATORS
SOLAR AUXILIARY POWER UNITS
ASTEC SOLAR TURBOELECTRIC GENERATOR
SUNFLOWER POWER SYSTEM

SOLAR AZIMUTH

USE AZIMUTH
SOLAR POSITION

SOLAR BLANKETS

GS ARRAYS
SOLAR ARRAYS
SOLAR BLANKETS
ELECTRIC GENERATORS
DIRECT POWER GENERATORS
THERMIONIC CONVERTERS
SOLAR BLANKETS
RT BLANKETS
CONVERTERS

SOLAR CELL CALIBRATION FACILITY

UF SCCF
GS PAYLOADS
SPACELAB PAYLOADS
SOLAR CELL CALIBRATION FACILITY
RT CALIBRATING
FACILITIES
SPACE TRANSPORTATION SYSTEM
FLIGHTS

SOLAR CELLS

UF SILICON SOLAR CELLS
WRAPAROUND CONTACT SOLAR CELLS
GS ELECTRIC GENERATORS
DIRECT POWER GENERATORS
SOLAR CELLS
HOMOJUNCTIONS
VERTICAL JUNCTION SOLAR CELLS
SOLAR GENERATORS
SOLAR CELLS
HOMOJUNCTIONS
VERTICAL JUNCTION SOLAR CELLS
RT ANTIREFLECTION COATINGS
CARRIER TRANSPORT (SOLID STATE)
CELLS
ELECTRIC CELLS
ELECTROSTATIC BONDING
FUEL CELLS
HETEROJUNCTIONS
OPEN CIRCUIT VOLTAGE
PHOTODIODES
PHOTOELECTRIC CELLS
PHOTOVOLTAIC CELLS
QUANTUM EFFICIENCY
SATELLITE POWER TRANSMISSION (TO EARTH)
SATELLITE SOLAR ENERGY
CONVERSION
SATELLITE SOLAR POWER STATIONS
SEMICONDUCTOR DEVICES
SIS (SEMICONDUCTORS)
SOLAR POWERED AIRCRAFT
THERMIONIC CONVERTERS
THERMOELECTRIC GENERATORS

SOLAR COLLECTORS

GS ACCUMULATORS
SOLAR COLLECTORS
SOLAR REFLECTORS
REFLECTORS
SOLAR COLLECTORS
SOLAR REFLECTORS
RT CONCENTRATORS
MIRRORS
SPACE COOLING (BUILDINGS)
SUNFLOWER POWER SYSTEM

SOLAR COMPASSES

GS AIRCRAFT INSTRUMENTS
COMPASSES
SOLAR COMPASSES
NAVIGATION AIDS
NAVIGATION INSTRUMENTS
COMPASSES
SOLAR COMPASSES
RT AIR NAVIGATION
AIR TRAFFIC CONTROL
AIRCRAFT SAFETY
AIRPORT BEACONS
ALL-WEATHER AIR NAVIGATION
APPROACH INDICATORS
AUTOMATIC FLIGHT CONTROL
AUTOMATIC PILOTS

SOLAR COMPASSES-(CONT.)

BEACONS
 DECCA NAVIGATION
 DISPLAY DEVICES
 DISTANCE MEASURING EQUIPMENT
 FLIGHT CONTROL
 FLIGHT INSTRUMENTS
 FLIGHT PATHS
 GYROCOMPASSES
 HELIPORTS
 HOMING DEVICES
 LANDING AIDS
 LORAN
 MAGNETIC COMPASSES
 OMNIDIRECTIONAL RADIO RANGES
 POSITION INDICATORS
 RADAR BEACONS
 RADIO BEACONS
 RADIO NAVIGATION
 SELF CALIBRATING OMNIRANGE
 SHORAN
 TACAN
 VHF OMNIRANGE NAVIGATION
 WEATHER

SOLAR CONSTANT

GS CONSTANTS
 . SOLAR CONSTANT
 RATES (PER TIME)
 . FLUX DENSITY
 . . RADIANT FLUX DENSITY
 . . . IRRADIANCE
 SOLAR CONSTANT
 SOLAR FLUX DENSITY
 SOLAR CONSTANT
 RT ILLUMINANCE
 PARTICLE FLUX DENSITY

SOLAR CONVERTERS

USE SOLAR GENERATORS

SOLAR COOLING

GS COOLING
 . SOLAR COOLING
 RT COOLING SYSTEMS
 DOMESTIC ENERGY
 ENERGY TECHNOLOGY
 RESIDENTIAL ENERGY
 SPACE COOLING (BUILDINGS)

SOLAR CORONA

UF SOLAR NEBULA
 GS CORONAS
 . STELLAR CORONAS
 . . SOLAR CORONA
 . . . CORONAL LOOPS
 RT CHROMOSPHERE
 ELECTRIC CORONA
 NEBULAE
 STELLAR STRUCTURE

SOLAR CORPUSCULAR RADIATION

UF SOLAR STREAMS
 GS EXTRATERRESTRIAL RADIATION
 . SOLAR RADIATION
 . . SOLAR CORPUSCULAR RADIATION
 . . . SOLAR ELECTRONS
 . . . SOLAR NEUTRINOS
 . . . SOLAR PROTONS
 PARTICLES
 . CORPUSCULAR RADIATION
 . . SOLAR CORPUSCULAR RADIATION
 . . . SOLAR ELECTRONS
 . . . SOLAR PROTONS
 RT M REGION
 SUDDEN STORM COMMENCEMENTS
 SUN

SOLAR COSMIC RAYS

GS EXTRATERRESTRIAL RADIATION
 . PRIMARY COSMIC RAYS
 . . SOLAR COSMIC RAYS
 . . . SOLAR RADIATION
 SOLAR COSMIC RAYS
 IONIZING RADIATION
 . COSMIC RAYS
 . . PRIMARY COSMIC RAYS
 . . . SOLAR COSMIC RAYS
 PARTICLES
 . CORPUSCULAR RADIATION
 . . PRIMARY COSMIC RAYS
 . . . SOLAR COSMIC RAYS
 RT ELECTRON ACCELERATION
 ENERGETIC PARTICLES
 GRIST (TELESCOPE)

SOLAR CYCLES

GS CYCLES
 . SOLAR CYCLES
 . . SUNSPOT CYCLE
 RT INTERNATIONAL QUIET SUN YEAR
 IRIS SATELLITES
 SECULAR VARIATIONS
 SUN
 SUNSPOTS
 TWENTY-SEVEN DAY VARIATION

SOLAR DIAMETER

RT ASTROMETRY
 SOLAR ECLIPSES

SOLAR DISK

USE SUN

SOLAR ECLIPSES

GS ECLIPSES
 . SOLAR ECLIPSES
 OCCULTATION
 . LUNAR OCCULTATION
 . . SOLAR ECLIPSES
 RT LUNAR SHADOW
 SOLAR DIAMETER

SOLAR ELECTRIC PROPULSION

GS PROPULSION
 . ELECTRIC PROPULSION
 . . SOLAR ELECTRIC PROPULSION
 . . . LOW THRUST PROPULSION
 . . . SOLAR PROPULSION
 SOLAR ELECTRIC PROPULSION
 SPACECRAFT PROPULSION
 SOLAR PROPULSION
 SOLAR ELECTRIC PROPULSION
 RT SOLAR POWERED AIRCRAFT
 SOLAR THERMAL PROPULSION

SOLAR ELECTRONS

GS EXTRATERRESTRIAL RADIATION
 . SOLAR RADIATION
 . . SOLAR CORPUSCULAR RADIATION
 . . . SOLAR ELECTRONS
 PARTICLES
 . CORPUSCULAR RADIATION
 . . SOLAR CORPUSCULAR RADIATION
 . . . SOLAR ELECTRONS

SOLAR ENERGY

RT CIRCUMSOLAR TELESCOPES
 CLEAN ENERGY
 ∞ ENERGY
 ENERGY ABSORPTION FILMS
 IRIS SATELLITES
 PHASE CHANGE MATERIALS
 SOLETTAS

SOLAR ENERGY ABSORBERS

RT ABSORBERS (MATERIALS)
 ELECTROMAGNETIC ABSORPTION
 PHOTOTHERMAL CONVERSION
 TROMBE WALLS

SOLAR ENERGY CONVERSION

GS ENERGY CONVERSION
 . SOLAR ENERGY CONVERSION
 . . SOLAR TOTAL ENERGY SYSTEMS
 RT COGENERATION
 ENERGY TECHNOLOGY
 HETEROJUNCTION DEVICES
 HYDROGEN PRODUCTION
 PHASE CHANGE MATERIALS
 PHOTOELECTRIC GENERATORS
 PHOTOELECTROCHEMICAL DEVICES
 PHOTOTHERMAL CONVERSION
 SPACE COOLING (BUILDINGS)

SOLAR FACULAE

USE FACULAE

SOLAR FLARES

GS SOLAR ACTIVITY
 . STELLAR FLARES
 . . SOLAR FLARES
 RT CORONAL LOOPS
 FLARE STARS
 ∞ FLARES
 ∞ FLASH
 FORBUSH DECREASES
 IRIS SATELLITES
 MAGNETIC DISTURBANCES
 SOLAR MAXIMUM MISSION

SOLAR FLARES-(CONT.)

SUDDEN STORM COMMENCEMENTS
 SUNSPOTS

SOLAR FLUX

SN (ENERGY OR PARTICLES EMITTED
 FROM THE SUN PER UNIT TIME--DO
 NOT CONFUSE WITH SOLAR FLUX
 DENSITY THE ENERGY OR PARTICLE
 EMISSION OR DETECTION RATE PER
 UNIT AREA)
 GS RATES (PER TIME)
 . FLUX (RATE)
 . . SOLAR FLUX
 RT HEAT FLUX
 LIMB BRIGHTENING

SOLAR FLUX DENSITY

GS RATES (PER TIME)
 . FLUX DENSITY
 . . RADIANT FLUX DENSITY
 . . . SOLAR FLUX DENSITY
 SOLAR CONSTANT
 RT ELECTRON FLUX DENSITY
 HELIOS SATELLITES
 ILLUMINANCE
 IRRADIANCE
 LIMB BRIGHTENING
 LUMINANCE
 LUMINOUS INTENSITY
 PARTICLE FLUX DENSITY
 PROTON FLUX DENSITY
 RADIANCE
 RADIANCY
 RADIATION PRESSURE

SOLAR FURNACES

GS HEATING EQUIPMENT
 . FURNACES
 . . SOLAR FURNACES
 RT FORBUSH DECREASES
 MELTING
 VACUUM FURNACES

SOLAR GENERATORS

UF SOLAR CONVERTERS
 SOLAR POWER GENERATION
 SOLAR POWER SOURCES
 GS ELECTRIC GENERATORS
 . SOLAR GENERATORS
 . . SOLAR AUXILIARY POWER UNITS
 . . . ASTEC SOLAR TURBOELECTRIC
 GENERATOR
 SUNFLOWER POWER SYSTEM
 SOLAR CELLS
 HOMOJUNCTIONS
 VERTICAL JUNCTION SOLAR CELLS
 RT DIRECT POWER GENERATORS
 FUEL CELLS
 PADDLES
 PHOTOELECTRIC CELLS
 PHOTOELECTRIC GENERATORS
 PHOTOVOLTAIC CELLS
 ∞ POWER SUPPLIES
 RANKINE CYCLE
 SOLAR SEA POWER PLANTS
 THERMOELECTRIC GENERATORS
 TURBOGENERATORS

SOLAR GRANULATION

GS ELECTROMAGNETIC PROPERTIES
 . OPTICAL PROPERTIES
 . . BRIGHTNESS
 . . . SOLAR GRANULATION
 PHOTOSPHERE
 . SOLAR GRANULATION
 RT BENARD CELLS
 BRIGHTNESS DISTRIBUTION
 CONVECTION CURRENTS
 LIMB BRIGHTENING
 SURFACE LAYERS
 TEMPERATURE EFFECTS

SOLAR GRAVITATION

UF EJECTION
 GS GRAVITATION
 . SOLAR GRAVITATION
 RT SUN

SOLAR HEATING

GS HEATING
 . SOLAR HEATING
 RT BIOCONVERSION
 HYDROTHERMAL SYSTEMS
 INSOLATION

SOLAR HOUSES

SOLAR HEATING-(CONT.)

PHASE CHANGE MATERIALS
RADIANT HEATING
RESIDENTIAL ENERGY
SOLAR ATRIUMS
SPACE HEATING (BUILDINGS)
SUNLIGHT
TROMBE WALLS

SOLAR HOUSES

RT ∞BUILDINGS
DOMESTIC ENERGY
ENERGY TECHNOLOGY
HEAT STORAGE
RESIDENTIAL ENERGY
SPACE HEATING (BUILDINGS)
TROMBE WALLS

SOLAR INSTRUMENTS

GS SOLAR INSTRUMENTS
. SPECTROHELIOGRAPHS
RT CELESTROSCOPES
OPTICAL MEASURING INSTRUMENTS
RADIATION MEASURING INSTRUMENTS
SPECTROMETERS
TELESCOPES

SOLAR LIMB

RT CORONAL LOOPS
LIMB BRIGHTENING
LIMB DARKENING
∞LIMBS
PLANETARY LIMB
SUN

SOLAR LONGITUDE

GS LONGITUDE
. SOLAR LONGITUDE
RT ASTRONOMICAL COORDINATES
CELESTIAL REFERENCE SYSTEMS

SOLAR MAGNETIC FIELD

UF HELIOMAGNETISM
GS MAGNETIC FIELDS
. STELLAR MAGNETIC FIELDS
. SOLAR MAGNETIC FIELD
RT ELECTROMAGNETIC FIELDS
INTERPLANETARY MAGNETIC FIELDS

SOLAR MAXIMUM MISSION

GS SPACE MISSIONS
. SOLAR MAXIMUM MISSION
. SOLAR MAXIMUM MISSION-A
RT ∞FLARES
FLUX DENSITY
GAMMA RAY SPECTROMETERS
INTERNATIONAL SOLAR POLAR MISSION
∞MISSIONS
MULTIMISSION MODULAR SPACECRAFT
POLARIMETERS
PROGRAMS
SOLAR FLARES
SPACE PROGRAMS
ULTRAVIOLET SPECTROMETERS

SOLAR MAXIMUM MISSION-A

UF SMM-A
GS SPACE MISSIONS
. SOLAR MAXIMUM MISSION
. SOLAR MAXIMUM MISSION-A
RT ∞MISSIONS
SPACE EXPLORATION
∞SPACECRAFT

SOLAR MESOSPHERE EXPLORER

GS SATELLITES
. ARTIFICIAL SATELLITES
. EXPLORER SATELLITES
. SOLAR MESOSPHERE EXPLORER
RT ATMOSPHERIC COMPOSITION
MESOSPHERE
OZONE

SOLAR NEBULA

USE SOLAR CORONA

SOLAR NEUTRINOS

GS EXTRATERRESTRIAL RADIATION
. SOLAR RADIATION
. SOLAR CORPUSCULAR RADIATION
. SOLAR NEUTRINOS
PARTICLES

SOLAR NEUTRINOS-(CONT.)

. ELEMENTARY PARTICLES
. FERMIONS
. LEPTONS
. . . . NEUTRINOS
. . . . SOLAR NEUTRINOS
RT ASTRONOMICAL MODELS
ASTROPHYSICS
NUCLEAR REACTIONS
STELLAR MODELS

SOLAR NOISE

USE SOLAR RADIO EMISSION

SOLAR OBLATENESS

RT OBLATE SPHEROIDS
SUN

SOLAR OBSERVATORIES

GS OBSERVATORIES
. SOLAR OBSERVATORIES
. OSO
. . . AOSO
. . . OSO-C
. . . OSO-1
. . . OSO-2
. . . OSO-3
. . . OSO-4
. . . OSO-5
. . . OSO-6
. . . OSO-7
. . . OSO-8
UNMANNED SPACECRAFT
. SOLAR OBSERVATORIES
. OSO
. . . AOSO
. . . OSO-C
. . . OSO-1
. . . OSO-2
. . . OSO-3
. . . OSO-4
. . . OSO-5
. . . OSO-6
. . . OSO-7
. . . OSO-8
RT CORONAGRAPHS

SOLAR ORBITS

UF HELIOCENTRIC ORBITS
PLANETARY MOTION
GS ORBITS
. SOLAR ORBITS
. PERIHELIONS
RT CIRCULAR ORBITS
∞EARTH MOTION
ECLIPTIC
ELLIPTICAL ORBITS
HEOS SATELLITES
INTERPLANETARY TRAJECTORIES
∞MOTION
PROTOPLANETS
SPACECRAFT ORBITS
TRANSFER ORBITS

SOLAR OSCILLATIONS

GS OSCILLATIONS
. STELLAR OSCILLATIONS
. SOLAR OSCILLATIONS
RT ASTRONOMICAL MODELS
ATMOSPHERIC MODELS
SOLAR ACTIVITY EFFECTS
SOLAR ATMOSPHERE
STELLAR MODELS
SUN
VARIABLE STARS

SOLAR PARALLAX

GS PARALLAX
. SOLAR PARALLAX
RT ASTRONOMY
STELLAR PARALLAX

SOLAR PHYSICS

GS ASTROPHYSICS
. SOLAR PHYSICS
RT INTERNATIONAL QUIET SUN YEAR
PHOTOSPHERE
∞PHYSICS
PLASMAS (PHYSICS)

SOLAR PLASMA (RADIATION)

USE SOLAR WIND

NASA THESAURUS (VOLUME 1)

SOLAR PONDS (HEAT STORAGE)

RT ELECTRIC GENERATORS
ENERGY CONVERSION
PONDS
RESERVOIRS

SOLAR POSITION

UF SOLAR AZIMUTH
GS POSITION (LOCATION)
. SOLAR POSITION
RT ASTROLABES
CELESTIAL NAVIGATION
EQUINOXES
SEASONS
SOLSTICES
SUN
ZENITH

SOLAR POWER GENERATION

USE SOLAR GENERATORS

SOLAR POWER SATELLITES

GS SATELLITES
. ARTIFICIAL SATELLITES
. SOLAR POWER SATELLITES
. EARTH SATELLITES
. SOLAR POWER SATELLITES
RT LARGE SPACE STRUCTURES
POWER TRANSMISSION (LASERS)
SATELLITE POWER TRANSMISSION (TO EARTH)

SOLAR POWER SOURCES

USE SOLAR GENERATORS

SOLAR POWERED AIRCRAFT

RT ∞AIRCRAFT
SOLAR CELLS
SOLAR ELECTRIC PROPULSION
SOLAR PROPULSION

SOLAR PROBES

GS UNMANNED SPACECRAFT
. SPACE PROBES
. SOLAR PROBES
. . . HELIOS A
. . . HELIOS B
. . . HELIOS 1
. . . HELIOS 2
. . . SUNBLAZER SPACE PROBE
RT HELIOS PROJECT
INTERNATIONAL SOLAR POLAR MISSION
PIONEER SPACE PROBES

SOLAR PROMINENCES

UF FILAMENTS (SOLAR PHYSICS)
GS PROMINENCES
. SOLAR PROMINENCES
SOLAR ACTIVITY
. SOLAR PROMINENCES
RT CHROMOSPHERE

SOLAR PROPULSION

GS PROPULSION
. LOW THRUST PROPULSION
. SOLAR PROPULSION
. . . SOLAR ELECTRIC PROPULSION
. . . SOLAR THERMAL PROPULSION
. SPACECRAFT PROPULSION
. SOLAR PROPULSION
. . . SOLAR ELECTRIC PROPULSION
. . . SOLAR THERMAL PROPULSION
RT SOLAR POWERED AIRCRAFT

SOLAR PROTONS

GS EXTRATERRESTRIAL RADIATION
. SOLAR RADIATION
. SOLAR CORPUSCULAR RADIATION
. SOLAR PROTONS
IONS
. PROTONS
. SOLAR PROTONS
PARTICLES
. CHARGED PARTICLES
. PROTONS
. . . SOLAR PROTONS
. CORPUSCULAR RADIATION
. SOLAR CORPUSCULAR RADIATION
. SOLAR PROTONS
. ELEMENTARY PARTICLES
. FERMIONS
. PROTONS
. . . SOLAR PROTONS
RT BARYONS

SOLAR SPECTROMETERS

SOLAR SPECTRA-(CONT.)

EMISSION SPECTRA
FRAUNHOFER LINES
H ALPHA LINE
H BETA LINE
H GAMMA LINE
H LINES
INFRARED SPECTRA
LINE SPECTRA
LYMAN SPECTRA
MOLECULAR SPECTRA
OXYGEN SPECTRA
SUN
ULTRAVIOLET SPECTRA
VISIBLE SPECTRUM
X RAY SPECTRA

SOLAR SPECTROMETERS

GS MEASURING INSTRUMENTS
. RADIATION MEASURING INSTRUMENTS
. . ACTINOMETERS
. . . **SOLAR SPECTROMETERS**
. . . SPECTROMETERS
. . . **SOLAR SPECTROMETERS**
RT ABSORPTION SPECTRA
EMISSION SPECTRA
FILTER WHEEL INFRARED
SPECTROMETERS
INFRARED SPECTROMETERS
SPECTROHELIOGRAPHS
ULTRAVIOLET SPECTROMETERS

SOLAR STORMS

GS SOLAR ACTIVITY
. **SOLAR STORMS**
STORMS
RT **SOLAR STORMS**
FORBUSH DECREASES
IONOSPHERIC STORMS
MAGNETIC STORMS
NOISE STORMS

SOLAR STREAMS

USE SOLAR CORPUSCULAR RADIATION

SOLAR SYSTEM

GS CELESTIAL BODIES
. **SOLAR SYSTEM**
. . HALLEY'S COMET
RT AMALTHEA
AMOR ASTEROID
APOLLO ASTEROIDS
ASTEROID BELTS
ASTEROID CAPTURE
ASTEROIDS
CELESTIAL MECHANICS
CHARON
CHIRON
COMET HEADS
COMET NUCLEI
COMET TAILS
COMETS
EARTH-MOON SYSTEM
GAS GIANT PLANETS
GRIGG-SKJELLERUP COMET
KOHOUTEK COMET
METEORIDS
NATURAL SATELLITES
PLANETS
PROTOPLANETS
RHEA (ASTRONOMY)
SATURN RINGS
SUN
∞ SYSTEMS
TEMPEL 2 COMET
TERRESTRIAL PLANETS
TORO ASTEROID
VENUS SURFACE
VESTA ASTEROID
VOYAGER 1977 MISSION
WEST COMET

SOLAR TEMPERATURE

GS TEMPERATURE
. **SOLAR TEMPERATURE**

SOLAR TERRESTRIAL INTERACTIONS

RT CORPUSCULAR RADIATION
∞ FLARES
∞ INTERACTIONS
MAGNETIC DISTURBANCES
MAGNETIC STORMS
MAGNETOSPHERE
STORMS
SUNSPOTS

SOLAR TERRESTRIAL INTERACTIONS-(CONT.)

WEATHER

SOLAR THERMAL PROPULSION

GS PROPULSION
. LOW THRUST PROPULSION
. . SOLAR PROPULSION
. . . **SOLAR THERMAL PROPULSION**
. . . SPACECRAFT PROPULSION
. . . SOLAR PROPULSION
. . . **SOLAR THERMAL PROPULSION**
RT PROPULSION SYSTEM PERFORMANCE
SOLAR ELECTRIC PROPULSION

SOLAR TOTAL ENERGY SYSTEMS

GS ENERGY CONVERSION
. SOLAR ENERGY CONVERSION
. . **SOLAR TOTAL ENERGY SYSTEMS**
TOTAL ENERGY SYSTEMS
RT ∞ **SOLAR TOTAL ENERGY SYSTEMS**
∞ CONVERSION
DIRECT POWER GENERATORS
∞ ENERGY
∞ SYSTEMS

SOLAR VELOCITY

GS RATES (PER TIME)
. **SOLAR VELOCITY**
VELOCITY
RT **SOLAR VELOCITY**
SUN

SOLAR WIND

UF SOLAR PLASMA (RADIATION)
GS EXTRATERRESTRIAL RADIATION
. SOLAR RADIATION
. . **SOLAR WIND**
GASES
. IONIZED GASES
. . CHARGED PARTICLES
. . . **SOLAR WIND**
PARTICLES
. CHARGED PARTICLES
. . ENERGETIC PARTICLES
. . . PLASMAS (PHYSICS)
. . . . **SOLAR WIND**
RT COMET TAILS
CORONAL HOLES
COSMIC PLASMA
GRIGG-SKJELLERUP COMET
HELIOSPHERE
HYDROGEN PLASMA
INTERPLANETARY GAS
INTERPLANETARY MEDIUM
M REGION
MAGNETOPAUSE
PLASMAPAUSE
RADIATION PRESSURE
SPACE PLASMAS
STELLAR WINDS

SOLAR WIND VELOCITY

GS RATES (PER TIME)
. FLOW VELOCITY
. . **SOLAR WIND VELOCITY**
. . WIND VELOCITY
. . . **SOLAR WIND VELOCITY**
VELOCITY
. FLOW VELOCITY
. . **SOLAR WIND VELOCITY**
. . WIND VELOCITY
. . . **SOLAR WIND VELOCITY**
RT ALPHA PARTICLES
MAGNETIC DISTURBANCES
MAGNETOHYDRODYNAMIC FLOW
MAGNETOSPHERE
STELLAR WINDS
VELOCITY MEASUREMENT

SOLAR X-RAYS

GS ELECTROMAGNETIC RADIATION
. X RAYS
. . **SOLAR X-RAYS**
EXTRATERRESTRIAL RADIATION
. SOLAR RADIATION
. . **SOLAR X-RAYS**
IONIZING RADIATION
. X RAYS
. . **SOLAR X-RAYS**
RT CORONAL HOLES
GREB 5 SATELLITE

SOLDERED JOINTS

GS JOINTS (JUNCTIONS)
. METAL JOINTS

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SOLDERED JOINTS-(CONT.)

. . **SOLDERED JOINTS**
RT BEAM LEADS
BUTT JOINTS
LAP JOINTS
SOLDERING

SOLDERING

GS **SOLDERING**
. ULTRASONIC SOLDERING
RT BONDING
BRAZING
FLUXES
∞ JOINING
LASER WELDING
LOW TEMPERATURE BRAZING
METAL BONDING
METAL-METAL BONDING
SEALING
SOLDERED JOINTS
SOLDERS
WELDING

SOLDERS

GS ALLOYS
. **SOLDERS**
RT LEAD ALLOYS
SEALERS
SOLDERING
TIN ALLOYS
ZINC ALLOYS

SOLENOID VALVES

GS VALVES
. **SOLENOID VALVES**
RT AUTOMATIC CONTROL VALVES
ELECTRIC CONTROL
∞ ELECTRIC EQUIPMENT
ELECTRIC RELAYS
ELECTRIC SWITCHES
HYDRAULIC CONTROL
OFF-ON CONTROL
SOLENOIDS

SOLENOIDS

SN (EXCLUDES METEOROLOGICAL
SOLENOIDS)
RT ACTUATORS
ELECTRIC RELAYS
ELECTROMAGNETS
MAGNET COILS
SOLENOID VALVES
TOROIDAL PLASMAS

SOLETTAS

GS MIRRORS
. **SOLETTAS**
RT ∞ PLATFORMS
SATELLITES
SOLAR ENERGY
∞ SPACECRAFT

SOLID ARGON

USE SOLIDIFIED GASES

SOLID CRYOGEN COOLING

GS COOLING
. **SOLID CRYOGEN COOLING**
RT CRYOGENIC FLUIDS
CRYOGENICS
LIQUEFIED GASES

SOLID CRYOGENS

GS GASES
. SOLIDIFIED GASES
. . **SOLID CRYOGENS**
SOLIDS
. SOLIDIFIED GASES
. . **SOLID CRYOGENS**
RT COOLING SYSTEMS
CRYOGENIC EQUIPMENT
CRYOGENICS
LIQUID NITROGEN
SOLID CRYOGENS
SOLID NITROGEN

SOLID ELECTRODES

GS ELECTRODES
. **SOLID ELECTRODES**

SOLID ELECTROLYTES

GS CONDUCTORS
. ELECTROLYTES
. . **SOLID ELECTROLYTES**

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SOLID LUBRICANTS

- SN (EXCLUDES SEMISOLIDS SUCH AS GREASES)
- GS LUBRICANTS
- RT **SOLID LUBRICANTS**
 - BINDERS (MATERIALS)
 - GAS LUBRICANTS
 - GRAPHITE
 - SELF LUBRICATING MATERIALS

SOLID NITROGEN

- GS CHEMICAL ELEMENTS
 - NITROGEN
 - SOLID NITROGEN**
- RT CRYOGENICS
 - REFRIGERANTS
 - SOLID CRYOGENS

SOLID PHASES

- RT EUTECTICS
 - GAS-METAL INTERACTIONS
 - GAS-SOLID INTERFACES
 - LIQUID PHASES
 - LIQUID-SOLID INTERFACES
 - LIQUIDUS
 - METALLIC HYDROGEN
 - PHASE DIAGRAMS
 - PHASES
 - SOLIDIFIED GASES
 - SOLIDUS
 - SYNTECTIC ALLOYS

SOLID PROPELLANT COMBUSTION

- GS COMBUSTION
 - PROPELLANT COMBUSTION
 - SOLID PROPELLANT COMBUSTION**
- RT **SOLID PROPELLANT COMBUSTION**
 - PROPELLANT COMBUSTION
 - IGNITION
 - BURNING RATE
 - COMBUSTION STABILITY
 - EROSIVE BURNING
 - FUEL COMBUSTION
 - HEAT GENERATION
 - METAL COMBUSTION
 - PROPELLANT CHEMISTRY

SOLID PROPELLANT IGNITION

- GS COMBUSTION
 - PROPELLANT COMBUSTION
 - SOLID PROPELLANT COMBUSTION
 - SOLID PROPELLANT IGNITION**
- RT **SOLID PROPELLANT IGNITION**
 - IGNITION
 - HI-LO IGNITERS
 - HYBRID PROPELLANTS
 - HYPERGOLIC ROCKET PROPELLANTS
 - IGNITERS
 - IGNITION TEMPERATURE
 - INHIBITORS
 - METAL COMBUSTION
 - PYROPHORIC MATERIALS
 - SQUIBS

SOLID PROPELLANT ROCKET ENGINES

- GS ENGINES
 - ROCKET ENGINES
 - SOLID PROPELLANT ROCKET ENGINES**
 - ALGOL ENGINE
 - APOGEE BOOST MOTORS
 - ASROC ENGINE
 - EM-36 ROCKET ENGINE
 - HERCULES ENGINE
 - M-46 ENGINE
 - M-55 ENGINE
 - M-56 ENGINE
 - M-57 ENGINE
 - MG-18 ENGINE
 - NIKE BOOSTER ROCKET ENGINES
 - P-1 ENGINE
 - ROCKET ENGINE 1KS-420
 - ROCKET ENGINE 2KS-36250
 - ROCKET ENGINE 15KS-25000
 - SL-3 ROCKET ENGINE
 - SYNCOM APOGEE ENGINES
 - TE-289 ENGINE
 - TU-121 ENGINE
 - TU-122 ENGINE
 - TX-77 ENGINE
 - TX-135 ENGINE
 - TX-354 ENGINE
 - X-235 ENGINE
 - X-248 ENGINE
 - X-254 ENGINE
 - X-258 ENGINES
 - X-258-A1 ENGINE

SOLID PROPELLANT ROCKET ENGINES-(CONT.)

- RT AIR SLEW MISSILES
 - ANTARES ROCKET VEHICLE
 - ARCAS ROCKET VEHICLES
 - ARCHER SOUNDING ROCKET
 - ARGO D-4 ROCKET VEHICLE
 - ARGO D-8 ROCKET VEHICLE
 - ARGO E-5 ROCKET VEHICLE
 - ARGO ROCKET VEHICLES
 - ASTROBEE ROCKET VEHICLES
 - ASTROBEE 200 ROCKET VEHICLE
 - ASTROBEE 1500 ROCKET VEHICLE
 - ATHENA ROCKET VEHICLE
 - BE-3 ENGINE
 - BERENICE ROCKET VEHICLE
 - BLACK BRANT SOUNDING ROCKETS
 - BLACK BRANT 1 SOUNDING ROCKET
 - BLACK BRANT 2 SOUNDING ROCKET
 - BLACK BRANT 3 SOUNDING ROCKET
 - BLACK BRANT 4 SOUNDING ROCKET
 - BLACK BRANT 5 SOUNDING ROCKET
 - BLUE GOOSE MISSILE
 - BLUE SCOUT JR ROCKET VEHICLE
 - BLUE SCOUT ROCKET VEHICLE
 - BOMARC A MISSILE
 - BOMARC B MISSILE
 - BOOSTER ROCKET ENGINES
 - BURNING RATE
 - BURNOUT
 - CAJUN ROCKET VEHICLE
 - DEACON-ARROW ROCKET VEHICLE
 - DIAMANT LAUNCH VEHICLE
 - DUCTED ROCKET ENGINES
 - EXOS SOUNDING ROCKET
 - FALCON MISSILE
 - FOLDING FIN AIRCRAFT ROCKET VEHICLE
 - GENIE ROCKET VEHICLE
 - HAWK MISSILE
 - HONEST JOHN ROCKET VEHICLE
 - HYBRID PROPELLANT ROCKET ENGINES
 - INTERNAL COMBUSTION ENGINES
 - JAGUAR ROCKET VEHICLE
 - JASON ROCKET VEHICLE
 - JATO ENGINES
 - JAVELIN ROCKET VEHICLE
 - JOURNEYMAN ROCKET VEHICLE
 - JUNO LAUNCH VEHICLES
 - JUNO 1 LAUNCH VEHICLE
 - JUNO 2 LAUNCH VEHICLE
 - JUPITER C ROCKET VEHICLE
 - KAPPA ROCKET VEHICLES
 - KAPPA 6 ROCKET VEHICLE
 - KAPPA 8 ROCKET VEHICLE
 - KAPPA 9 ROCKET VEHICLE
 - LACROSSE MISSILE
 - LAMBDA ROCKET VEHICLES
 - LIQUID PROPELLANT ROCKET ENGINES
 - LITTLE JOE 2 LAUNCH VEHICLE
 - LITTLE JOHN ROCKET VEHICLE
 - LOKI ROCKET VEHICLE
 - MACE MISSILES
 - MATRA MISSILE
 - MAULER MISSILE
 - METEOR 1 ROCKET VEHICLE
 - MINUTEMAN ICBM
 - NIKE-AJAX MISSILE
 - NIKE-APACHE ROCKET VEHICLE
 - NIKE-ASP ROCKET VEHICLE
 - NIKE-CAJUN ROCKET VEHICLE
 - NIKE-HERCULES MISSILE
 - NIKE-JAVELIN ROCKET VEHICLE
 - NIKE-TOMAHAWK ROCKET VEHICLE
 - NIKE-ZEUS MISSILE
 - OPD-220 ROCKET VEHICLE
 - PERSHING MISSILE
 - PHOENIX SOUNDING ROCKET
 - POLARIS MISSILES
 - RAM B LAUNCH VEHICLE
 - REDEYE MISSILE
 - REGULUS MISSILE
 - RESTARTABLE ROCKET ENGINES
 - RETROCKET ENGINES
 - RUBIS ROCKET VEHICLE
 - SCOUT LAUNCH VEHICLE
 - SEACAT MISSILE
 - SEASLUG MISSILE
 - SERGEANT MISSILES
 - SHOTPUT SOUNDING ROCKETS
 - SHRIKE MISSILE
 - SKUA ROCKET VEHICLES
 - SKYBOLT MISSILE
 - SKYDART 2 ROCKET VEHICLE

SOLID ROCKET PROPELLANTS

SOLID PROPELLANT ROCKET ENGINES-(CONT.)

- SKYLARK ROCKET VEHICLE
- SPACE SHUTTLE UPPER STAGE D
- SPARROW MISSILES
- SPARROW 2 MISSILE
- SPRINT MISSILE
- SS-11 MISSILE
- STANDARD LAUNCH VEHICLE 1B
- STRONGARM ROCKET VEHICLE
- SUNBLAZER SPACE PROBE
- SUSTAINER ROCKET ENGINES
- TALOS MISSILE
- TARTAR MISSILE
- TERRIER MISSILE
- THOR ABLE ROCKET VEHICLE
- THOR DELTA LAUNCH VEHICLE
- THOR LAUNCH VEHICLES
- THUNDERBIRD MISSILE
- TITAN LAUNCH VEHICLES
- TRAILBLAZER 1 REENTRY VEHICLE
- TRAILBLAZER 2 REENTRY VEHICLE
- ULLAGE ROCKET ENGINES
- VANGUARD 2 LAUNCH VEHICLE
- VERNIER ENGINES
- WASP SOUNDING ROCKET
- X-17 REENTRY VEHICLE
- ZUNI ROCKET VEHICLE

SOLID PROPELLANTS

- GS PROPELLANTS
 - SOLID PROPELLANTS**
 - CASE BONDED PROPELLANTS
 - COMPOSITE PROPELLANTS
 - NITRAMINE PROPELLANTS
 - PLASTIC PROPELLANTS
 - SOLID ROCKET PROPELLANTS
 - DOUBLE BASE ROCKET PROPELLANTS
 - HTPB PROPELLANTS
 - METAL PROPELLANTS
- RT AIRCRAFT FUELS
 - CHEMICAL FUELS
 - COLLOIDAL PROPELLANTS
 - GELLED PROPELLANTS
 - HIGH TEMPERATURE PROPELLANTS
 - HYBRID PROPELLANTS
 - INHIBITORS
 - METAL FUELS
 - NITROGUANIDINE
 - PLASTICIZERS
 - PROPELLANT BINDERS
 - PROPELLANT GRAINS
 - RDX
 - ROCKET PROPELLANTS
 - STORABLE PROPELLANTS

SOLID ROCKET BINDERS

- GS ADDITIVES
 - PROPELLANT ADDITIVES
 - PROPELLANT BINDERS
 - SOLID ROCKET BINDERS**
 - BINDERS (MATERIALS)
 - PROPELLANT BINDERS
- RT **SOLID ROCKET BINDERS**
 - PLASTICIZERS

SOLID ROCKET PROPELLANTS

- GS FUELS
 - SOLID ROCKET PROPELLANTS**
 - DOUBLE BASE ROCKET PROPELLANTS
 - LIQUID FUELS
 - METAL PROPELLANTS
 - PROPELLANTS
 - ROCKET PROPELLANTS
 - SOLID ROCKET PROPELLANTS**
 - DOUBLE BASE ROCKET PROPELLANTS
 - METAL PROPELLANTS
 - SOLID PROPELLANTS
 - SOLID ROCKET PROPELLANTS**
 - DOUBLE BASE ROCKET PROPELLANTS
 - HTPB PROPELLANTS
 - METAL PROPELLANTS
- RT AMMONIUM PERCHLORATES
 - BURNING RATE
 - CASE BONDED PROPELLANTS
 - COMPOSITE PROPELLANTS
 - DOMINO PROPELLANTS
 - GELLED ROCKET PROPELLANTS
 - HYBRID PROPELLANTS
 - LIQUID ROCKET PROPELLANTS
 - MONOPROPELLANTS
 - POTASSIUM PERCHLORATES

SOLID ROTATION

SOLID ROCKET PROPELLANTS-(CONT.)

PROPELLANT GRAINS
RDX
ROCKET ENGINES
SLURRY PROPELLANTS

SOLID ROTATION

USE ROTATING BODIES

SOLID SOLUTIONS

GS MIXTURES
. SOLUTIONS
. . . **SOLID SOLUTIONS**
RT AGING (METALLURGY)
ALLOYS
LIQUID PHASES
LIQUIDUS
MELTING POINTS
ORDER-DISORDER TRANSFORMATIONS
PHASE DIAGRAMS
PRECIPITATION HARDENING
SOLIDS
SUPERSATURATION
TERNARY SYSTEMS

SOLID STATE

RT CRYSTALLIZATION
ENERGY GAPS (SOLID STATE)
MELTING POINTS
METALLIC HYDROGEN
SOLIDS

SOLID STATE DEVICES

GS ELECTRONIC EQUIPMENT
. **SOLID STATE DEVICES**
. . . CRYOTRONS
. . . CRYSTAL RECTIFIERS
. . . METAL-NITRIDE-OXIDE-SEMICONDUCTORS
. . . MULTISPECTRAL LINEAR ARRAYS
. . . SEMICONDUCTOR DEVICES
. . . AVALANCHE DIODES
. . . CRYOSAR
. . . BARRITT DIODES
. . . GERMANIUM DIODES
. . . HETEROJUNCTION DEVICES
. . . JUNCTION DIODES
. . . MIM DIODES
. . . STEP RECOVERY DIODES
. . . LIGHT EMITTING DIODES
. . . METAL OXIDE SEMICONDUCTORS
. . . CHARGE TRANSFER DEVICES
. . . BUCKET BRIGADE DEVICES
. . . CHARGE COUPLED DEVICES
. . . FAIRCHILD CCD-450 MEMORY DEVICE
. . . CMOS
. . . SOS (SEMICONDUCTORS)
. . . MIM (SEMICONDUCTORS)
. . . MIS (SEMICONDUCTORS)
. . . NDM SEMICONDUCTOR DEVICES
. . . NEURISTORS
. . . PARAMETRIC DIODES
. . . PHOTODIODES
. . . PHOTOVOLTAIC CELLS
. . . SCHOTTKY DIODES
. . . SEMICONDUCTOR LASERS
. . . GALLIUM ARSENIDE LASERS
. . . THERMISTORS
. . . THYRISTORS
. . . SILICON CONTROLLED RECTIFIERS
. . . TRANSFERRED ELECTRON DEVICES
. . . TRANSISTOR AMPLIFIERS
. . . TRANSISTORS
. . . BIPOLAR TRANSISTORS
. . . FIELD EFFECT TRANSISTORS
. . . CHARGE FLOW DEVICES
. . . JFET
. . . JUNCTION TRANSISTORS
. . . JFET
. . . PHOTOTRANSISTORS
. . . SILICON TRANSISTORS
. . . SOS (SEMICONDUCTORS)
. . . TRAPATT DEVICES
. . . VARACTOR DIODES
. . . VARISTORS
. . . SIS (SEMICONDUCTORS)
. . . SOLID STATE LASERS
. . . GALLIUM ARSENIDE LASERS
. . . RUBY LASERS
. . . YAG LASERS
RT AMPLIFIERS
BUBBLE TECHNIQUE
CAPACITORS

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CIRCUITS
∞ DEVICES
ELECTRIC BRIDGES
LASER CAVITIES
LASERS
MINIATURE ELECTRONIC EQUIPMENT
OSCILLATORS
PHOTOMASKS
RECTIFIERS
RESISTORS
SIGNAL GENERATORS
SUPERCONDUCTORS
THIN FILMS
TRANSFORMERS
WAFERS

SOLID STATE LASERS

GS ELECTRONIC EQUIPMENT
. SOLID STATE DEVICES
. . . **SOLID STATE LASERS**
. . . GALLIUM ARSENIDE LASERS
. . . RUBY LASERS
. . . YAG LASERS
RT CONTINUOUS WAVE LASERS
INFRARED LASERS
LASER CAVITIES
Q SWITCHED LASERS
SEMICONDUCTOR LASERS

∞ SOLID STATE PHYSICS

SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)*
RT CRYSTALLOGRAPHY
ELECTRICAL PROPERTIES
ELECTRON MOBILITY
ENERGY GAPS (SOLID STATE)
FORBIDDEN TRANSITIONS
HOLE MOBILITY
MAGNETIC PROPERTIES
OPTICAL PROPERTIES
SEMICONDUCTORS (MATERIALS)
SUPERCONDUCTIVITY
THEORETICAL PHYSICS
THIN FILMS
TRANSPORT PROPERTIES

SOLID SURFACES

GS **SOLID SURFACES**
RT CRYSTAL SURFACES
LIQUID SURFACES
METAL SURFACES
SURFACE CRACKS
SURFACE FINISHING
SURFACE PROPERTIES
∞ SURFACES

SOLID SUSPENSIONS

GS MIXTURES
. **SOLID SUSPENSIONS**
RT COLLOIDAL PROPELLANTS
COMPOSITE MATERIALS
METALLOGRAPHY
PHASE DIAGRAMS
∞ SUSPENSIONS

SOLID WASTES

GS WASTES
. SEWAGE
. . . **SOLID WASTES**
RT COMPOSTING
GARBAGE
HUMAN WASTES
INDUSTRIAL WASTES
LANDFILLS
LIQUID WASTES
METABOLIC WASTES
POLLUTION
RADIOACTIVE WASTES
RESIDUES
SLUDGE
WASTE DISPOSAL
WASTE ENERGY UTILIZATION
WASTE UTILIZATION

SOLID-SOLID INTERFACES

GS INTERFACES
. **SOLID-SOLID INTERFACES**

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SOLID-SOLID INTERFACES-(CONT.)

RT GAS-SOLID INTERFACES
LIQUID-SOLID INTERFACES
SURFACE PROPERTIES

SOLIDIFICATION

GS **SOLIDIFICATION**
. MELT SPINNING
RT CASTING
CASTINGS
COAGULATION
CRYSTALLIZATION
FREEZING
GELATION
INGOTS
MELTING POINTS
OCCLUSION
PHASE TRANSFORMATIONS
RHEOCASTING
∞ SETTING
SOLIDIFIED GASES
TRANSITION TEMPERATURE
VITRIFICATION

SOLIDIFIED GASES

UF SOLID ARGON
GS GASES
. **SOLIDIFIED GASES**
. . . SOLID CRYOGENS
SOLIDS
. **SOLIDIFIED GASES**
. . . SOLID CRYOGENS
RT CRYOGENICS
FREEZING
LOW TEMPERATURE PHYSICS
MELTING POINTS
METALLIC HYDROGEN
SOLID PHASES
SOLIDIFICATION
ULTRALOW TEMPERATURES

SOLIDS

GS **SOLIDS**
. SOLIDIFIED GASES
. . . SOLID CRYOGENS
RT ∞ BODIES
∞ FLUIDS
∞ MATERIALS
METALLIC HYDROGEN
ORGANIC SOLIDS
PHASE TRANSFORMATIONS
SOLID SOLUTIONS
SOLID STATE
THERMOCHROMATIC MATERIALS
VAPOR PHASES

SOLIDS FLOW

GS FLUID FLOW
. **SOLIDS FLOW**
RT ∞ FLOW
FLOW MEASUREMENT
FLOW THEORY
MASS FLOW
MULTIPHASE FLOW
PARTICLE SIZE DISTRIBUTION
STEADY FLOW
TWO PHASE FLOW
UNIFORM FLOW
UNSTEADY FLOW

SOLIDUS

RT BINARY SYSTEMS (MATERIALS)
LIQUID PHASES
LIQUIDUS
SOLID PHASES

SOLIONS

RT CIRCUITS
DIODES
INTEGRATORS
ION CURRENTS

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UF SOLITONS
GS TRAVELING WAVES
. **SOLITARY WAVES**
RT BACKWARD WAVES
CNOIDAL WAVES
ELASTIC WAVES
ELECTROMAGNETIC RADIATION
PLANE WAVES
PULSES
RADIO WAVES
RATES (PER TIME)
VELOCITY

- SOLITHANES**
RT ELASTOMERS
∞ POLYMERS
SYNTHETIC RUBBERS
- SOLITONS**
USE SOLITARY WAVES
- SOLOMON COMPUTERS**
GS DATA PROCESSING EQUIPMENT
. COMPUTERS
.. DIGITAL COMPUTERS
... **SOLOMON COMPUTERS**
- SOLSTICES**
RT EQUINOXES
SEASONS
SOLAR POSITION
SUMMER
WINTER
- SOLUBILITY**
UF IMMISCIBILITY
MISCIBILITY
RT CLARITY
CONCENTRATION (COMPOSITION)
DIFFUSIVITY
DISSOLVED GASES
DISSOLVING
GAS-SOLID INTERFACES
HENRY LAW
HYGROSCOPICITY
INCOMPATIBILITY
LIQUID PHASES
LIQUID-GAS MIXTURES
LIQUID-LIQUID INTERFACES
LIQUID-VAPOR INTERFACES
MIXTURES
PHASE DIAGRAMS
PRECIPITATION (CHEMISTRY)
SOLUTIONS
THERMODYNAMIC PROPERTIES
THIXOTROPY
TURBIDITY
VISCOSITY
- SOLUTES**
RT DISSOLVING
SOLUTIONS
- ∞ **SOLUTION**
SN *(USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)*
RT DISSOLVING
PROBLEM SOLVING
SOLUTIONS
- SOLUTIONS**
GS MIXTURES
. **SOLUTIONS**
.. AQUEOUS SOLUTIONS
.. GAS MIXTURES
... DETONABLE GAS MIXTURES
... PHOTOGRAPHIC EMULSIONS
... NUCLEAR EMULSIONS
... SOLID SOLUTIONS
RT AZEOTROPES
COMPOSITION (PROPERTY)
DISSOLVED GASES
EMULSIONS
EUTECTICS
HENRY LAW
RAOULT LAW
SOLUBILITY
SOLUTES
∞ **SOLUTION**
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TITRATION
- SOLVATION**
RT AQUEOUS SOLUTIONS
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REACTION KINETICS
SOLVENTS
- SOLVENT EXTRACTION**
GS EXTRACTION
. **SOLVENT EXTRACTION**
RT ION EXTRACTION
PURIFICATION
∞ SEPARATION
- SOLVENT REFINED COAL**
GS RESOURCES
. EARTH RESOURCES
.. FOSSIL FUELS
... COAL
... **SOLVENT REFINED COAL**
ROCKS
. COAL
. **SOLVENT REFINED COAL**
RT BENZENE
BITUMENS
CARBONACEOUS MATERIALS
COAL LIQUEFACTION
COAL UTILIZATION
FRACTIONATION
FUEL OILS
GASOLINE
HYDROCARBON FUEL PRODUCTION
METHANE
PRODUCT DEVELOPMENT
- SOLVENT RETENTION**
RT DISSOLVING
SOLVENTS
- SOLVENTS**
UF THINNERS
GS **SOLVENTS**
. TETRAHYDROFURAN
. TURPENTINE
RT ADDITIVES
COATINGS
DILUENTS
DISSOLVING
EXTRACTION
FURANS
SOLUTIONS
SOLVATION
SOLVENT RETENTION
TOLUENE
TRIACETIN
- SOMALIA**
RT AFRICA
NATIONS
- SOMMERFELD APPROXIMATION**
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. NUMERICAL ANALYSIS
.. APPROXIMATION
... **SOMMERFELD APPROXIMATION**
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DIRECTIONAL ANTENNAS
ELECTROMAGNETIC FIELDS
RADIO TRANSMISSION
- SOMMERFELD WAVES**
GS ELECTROMAGNETIC RADIATION
. **SOMMERFELD WAVES**
SURFACE WAVES
. **SOMMERFELD WAVES**
RT DIELECTRIC PROPERTIES
ELECTRIC CONDUCTORS
- SONAR**
GS **SONAR**
. SONOBUOYS
RT DISTANCE MEASURING EQUIPMENT
ECHO SOUNDING
ECHO SUPPRESSORS
HYDROPHONES
LOFAR
NAVIGATION AIDS
SOUND LOCALIZATION
SOUND RANGING
ULTRASONIC WAVE TRANSDUCERS
UNDERWATER ACOUSTICS
UNDERWATER COMMUNICATION
- SONDES**
UF METEOROLOGICAL PROBES
GS MEASURING INSTRUMENTS
. **SONDES**
.. DROPSONDES
.. JUDI-DART ROCKET
.. RADIOSONDES
... ENDORADIOSONDES
... IONOSONDES
... RAWINSONDES
RT APACHE ROCKET VEHICLE
ASP ROCKET VEHICLE
CAJUN ROCKET VEHICLE
∞ PROBES
SOUNDING
SOUNDING ROCKETS
- SONIC ANEMOMETERS**
GS AIRCRAFT INSTRUMENTS
. SPEED INDICATORS
.. ANEMOMETERS
... **SONIC ANEMOMETERS**
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. SPEED INDICATORS
.. ANEMOMETERS
... **SONIC ANEMOMETERS**
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. INDICATING INSTRUMENTS
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... ANEMOMETERS
... **SONIC ANEMOMETERS**
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FLOWMETERS
HOT-FILM ANEMOMETERS
- SONIC BOOMS**
GS ELASTIC WAVES
. SHOCK WAVES
.. **SONIC BOOMS**
.. SOUND WAVES
.. NOISE (SOUND)
... AIRCRAFT NOISE
... **SONIC BOOMS**
RT ACOUSTIC VELOCITY
AERODYNAMIC NOISE
∞ BOOM
CAUSTIC LINES
JET AIRCRAFT NOISE
SUPERSONIC FLIGHT
TRANSONIC FLIGHT
- SONIC FLOW**
USE TRANSONIC FLOW
- SONIC NOZZLES**
RT ACOUSTIC NOZZLES
CONICAL NOZZLES
∞ NOZZLES
SUPERSONIC NOZZLES
TRANSONIC FLOW
TRANSONIC NOZZLES
- SONIC SOLDERING**
USE ULTRASONIC SOLDERING
- SONIC SPEED**
USE ACOUSTIC VELOCITY
- SONIC WAVEGUIDES**
USE ACOUSTIC DELAY LINES
- SONOBUOYS**
GS RADIO EQUIPMENT
. RADIO TRANSMITTERS
.. **SONOBUOYS**
SONAR
. **SONOBUOYS**
TRANSMITTERS
. RADIO TRANSMITTERS
.. **SONOBUOYS**
RT ANTISUBMARINE WARFARE
HYDROPHONES
UNDERWATER ACOUSTICS
UNDERWATER COMMUNICATION
- SONOGRAMS**
RT RECORDING INSTRUMENTS
SOUND WAVES
WHISTLER RECORDERS
WHISTLERS
- SONOHOLOGRAPHY**
USE ACOUSTICAL HOLOGRAPHY
- SONOLUMINESCENCE**
GS DECAY
. EMISSION
.. LIGHT EMISSION
... LUMINESCENCE
... **SONOLUMINESCENCE**
- SOOT**
GS PARTICLES
. **SOOT**
RT AIR POLLUTION
CARBON
COMBUSTION PRODUCTS
FIRE DAMAGE
SMOKE
SMOKE ABATEMENT

SORBATES

SORBATES

RT SORBENTS
SORPTION

SORBENTS

GS SORBENTS
ABSORBENTS
ADSORBENTS
RT SORBATES
SORPTION

SORET COEFFICIENT

GS COEFFICIENTS
DIFFUSION COEFFICIENT
SORET COEFFICIENT
TRANSPORT PROPERTIES
DIFFUSION COEFFICIENT
SORET COEFFICIENT
RT LIQUID FLOW
THERMAL DIFFUSION

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GS FARM CROPS
GRAINS (FOOD)
SORGHUM
PLANTS (BOTANY)
GRASSES
SORGHUM
RT AGRICULTURE
CROP IDENTIFICATION
CROPS
EARTH RESOURCES

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UF CRYOSORPTION
GS SORPTION
ADSORPTION
CHEMISORPTION
RT ABSORPTION
CHROMATOGRAPHY
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EXTRACTION
GAS CHROMATOGRAPHY
LIQUID CHROMATOGRAPHY
MATERIAL ABSORPTION
PERMEATING
SEPARATION
SORBATES
SORBENTS
SURFACE PROPERTIES

SORTIE CAN

USE SPACELAB

SORTIE LAB

USE SPACELAB

SORTING

USE CLASSIFYING

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SILICON-ON-SAPPHIRE
SEMICONDUCTORS
GS SILICON-ON-SAPPHIRE TRANSISTORS
ELECTRONIC EQUIPMENT
SOLID STATE DEVICES
SEMICONDUCTOR DEVICES
METAL OXIDE SEMICONDUCTORS
SOS (SEMICONDUCTORS)
TRANSISTORS
SILICON TRANSISTORS
SOS (SEMICONDUCTORS)
SEMICONDUCTORS (MATERIALS)
METAL OXIDE SEMICONDUCTORS
SOS (SEMICONDUCTORS)
RT SIS (SEMICONDUCTORS)

SOUND

USE ACOUSTICS

SOUND ABSORPTION

USE SOUND TRANSMISSION

SOUND AMPLIFICATION

GS AMPLIFICATION
SOUND AMPLIFICATION
RT ACOUSTIC ATTENUATION
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ACOUSTICS

SOUND BARRIER

USE ACOUSTIC VELOCITY

SOUND DETECTING AND RANGING

RT ACOUSTIC SCATTERING
ATMOSPHERIC TEMPERATURE
INSTRUMENTS
MEASURING INSTRUMENTS
METEOROLOGICAL INSTRUMENTS
METEOROLOGY
SODAR
TEMPERATURE MEASUREMENT

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USE SOUND TRANSDUCERS

SOUND FIELDS

RT ACOUSTICS
FIELD THEORY (PHYSICS)
MICROSONICS

SOUND GENERATORS

UF ACOUSTIC GENERATORS
RT ACOUSTIC NOZZLES
AUDIO FREQUENCIES
AUDITORY STIMULI
BELLS
CONTINUOUS NOISE
GENERATORS
HORNS
LOUDSPEAKERS
NOISE GENERATORS
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SIRENS
WARNING SYSTEMS

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GS ACOUSTIC PROPERTIES
SOUND INTENSITY
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SOUND INTENSITY
ZERO SOUND
RT AUDITORY STIMULI
BIOACOUSTICS
EFFECTIVE PERCEIVED NOISE LEVELS
LOUDNESS
NOISE INTENSITY
NOISE MEASUREMENT
RADIANT FLUX DENSITY
SIGNAL FADING
SIGNAL FADING RATE
SIRENS

SOUND LOCALIZATION

GS PERCEPTION
SOUND LOCALIZATION
RT AUDITORY PERCEPTION
BEARING (DIRECTION)
BINAURAL HEARING
DETECTION
ECHO SOUNDING
ORIENTATION
POSITION INDICATORS
RANGE FINDERS
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SPACE PERCEPTION
TRACKING (POSITION)

SOUND MEASUREMENT

USE ACOUSTIC MEASUREMENT

SOUND PERCEPTION

USE AUDITORY PERCEPTION

SOUND PRESSURE

GS PRESSURE
RADIATION PRESSURE
SOUND PRESSURE
RT ACOUSTIC MEASUREMENT
ACOUSTIC VELOCITY
EXPLOSIONS
FLUX DENSITY
LOUDNESS
NOISE (SOUND)
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STATIC PRESSURE

SOUND PROPAGATION

GS SOUND PROPAGATION
VOICE

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SOUND PROPAGATION-(CONT.)

RT ACOUSTIC PROPAGATION
ACOUSTICS
ATTENUATION
CONDUCTION
DIFFUSION
NOISE GENERATORS
NOISE PROPAGATION
SHOCK WAVE PROPAGATION

SOUND RANGING

GS RANGEFINDING
SOUND RANGING
RT DETECTION
DISTANCE MEASURING EQUIPMENT
ECHO SOUNDING
POSITION (LOCATION)
SONAR
TARGET ACQUISITION
TRACKING (POSITION)

SOUND TRANSDUCERS

UF SOUND DETECTORS
GS TRANSDUCERS
SOUND TRANSDUCERS
ELECTROACOUSTIC TRANSDUCERS
HYDROPHONES
LOUDSPEAKERS
MICROPHONES
RT RADIATORS
SIGNAL DETECTION
SIGNAL DETECTORS
UNDERWATER ACOUSTICS
UNDERWATER COMMUNICATION

SOUND TRANSMISSION

UF SOUND ABSORPTION
GS TRANSMISSION
SOUND TRANSMISSION
RT ACOUSTICS
ATTENUATION
AUDIO FREQUENCIES
CONDUCTION
EARPHONES
ELASTIC WAVES
ENERGY ABSORPTION
MONAURAL SIGNALS
MULTIPATH TRANSMISSION
PATHS
SIGNAL TRANSMISSION
SIRENS
TELEPHONY
THERMOCLINES
WAVE PROPAGATION

SOUND VELOCITY

USE ACOUSTIC VELOCITY

SOUND WAVES

SN (ELASTIC WAVES IN THE AUDIBLE RANGE)
UF ACOUSTIC RADIATION
ACOUSTIC VIBRATIONS
GS ELASTIC WAVES
SOUND WAVES
ELECTROACOUSTIC WAVES
ION ACOUSTIC WAVES
LAMB WAVES
NOISE (SOUND)
AERODYNAMIC NOISE
AIRCRAFT NOISE
JET AIRCRAFT NOISE
SONIC BOOMS
ENGINE NOISE
ROCKET ENGINE NOISE
THERMAL NOISE
RT ACOUSTIC MEASUREMENT
ACOUSTIC PROPERTIES
ACOUSTIC STREAMING
ACOUSTICAL HOLOGRAPHY
ACOUSTICS
AEOLIAN TONES
AUDIO FREQUENCIES
AUDITORY PERCEPTION
BLASTS
DEEP SCATTERING LAYERS
DETONATION WAVES
DIFFUSION
LONGITUDINAL WAVES
LOUDNESS
MACH CONES
MAGNETOELASTIC WAVES
MICROSONICS
NOISE POLLUTION
NOISE PREDICTION (AIRCRAFT)

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SOVIET SPACECRAFT

SOUND WAVES-(CONT.)

PHONONS
PLANE WAVES
POLARIZED ELASTIC WAVES
REVERBERATION
SHOCK WAVES
SONOGRAMS
SURFACE ACOUSTIC WAVE DEVICES
ULTRASONIC RADIATION
∞ WAVES

SOUND-SOUND INTERACTIONS

RT HARMONICS
∞ INTERACTIONS
INTERMODULATION
WAVE DISPERSION

SOUNDERS

USE SOUNDING

SOUNDING

UF SOUNDERS
GS SOUNDING
ACUSTIC SOUNDING
ATMOSPHERIC SOUNDING
BALLOON SOUNDING
ECHO SOUNDING
IONOSPHERIC SOUNDING
MICROWAVE SOUNDING
ROCKET SOUNDING
SATELLITE SOUNDING
RT BATHYMETERS
DEPTH MEASUREMENT
∞ MEASUREMENT
METEOROLOGICAL BALLOONS
METEOROLOGICAL FLIGHT
ROBIN BALLOONS
SONDES

SOUNDING ROCKETS

UF METEOROLOGICAL ROCKETS
ROCKET SONDES
GS ROCKET VEHICLES
SOUNDING ROCKETS
AEROBEE ROCKET VEHICLE
ANTARES ROCKET VEHICLE
APACHE ROCKET VEHICLE
ARCAS ROCKET VEHICLES
ARCHER SOUNDING ROCKET
ASP ROCKET VEHICLE
ASTROBEE ROCKET VEHICLES
ASTROBEE 200 ROCKET VEHICLE
ASTROBEE 1500 ROCKET VEHICLE
BLACK BRANT SOUNDING ROCKETS
BLACK BRANT 1 SOUNDING
ROCKET
BLACK BRANT 2 SOUNDING
ROCKET
BLACK BRANT 3 SOUNDING
ROCKET
BLACK BRANT 4 SOUNDING
ROCKET
BLACK BRANT 5 SOUNDING
ROCKET
CAJUN ROCKET VEHICLE
DEACON-ARROW ROCKET VEHICLE
DORNIER PARAGLIDER ROCKET
VEHICLE
EXOS SOUNDING ROCKET
JAGUAR ROCKET VEHICLE
JASON ROCKET VEHICLE
JOURNEYMAN ROCKET VEHICLE
JUDI-DART ROCKET
KAPPA ROCKET VEHICLES
KAPPA 6 ROCKET VEHICLE
KAPPA 8 ROCKET VEHICLE
KAPPA 9 ROCKET VEHICLE
LAMBDA ROCKET VEHICLES
LOKI ROCKET VEHICLE
OPD-220 ROCKET VEHICLE
PETREL SOUNDING ROCKET
PHOENIX SOUNDING ROCKET
SHOTPUT SOUNDING ROCKETS
SKUA ROCKET VEHICLES
SKYLARK ROCKET VEHICLE
VENUS FLY TRAP ROCKET VEHICLE
VERONIQUE ROCKET VEHICLES
VERONIQUE V-27 ROCKET VEHICLE
VERONIQUE V-37 ROCKET VEHICLE
VERTICAL 8 ROCKET
WASP SOUNDING ROCKET
RT ACOUSTIC SOUNDING
ARGO D-4 ROCKET VEHICLE
IONOSONDES
JAVELIN ROCKET VEHICLE

SOUNDING ROCKETS-(CONT.)

METEOROLOGICAL INSTRUMENTS
METEOROLOGICAL SATELLITES
NIKE-ASP ROCKET VEHICLE
NIKE-JAVELIN ROCKET VEHICLE
PAYLOAD CONTROL
RADIOSONDES
ROCKET SOUNDING
SONDES
VIKING ROCKET VEHICLE

SOUNDS (TOPOGRAPHIC FEATURES)

GS SOUNDS (TOPOGRAPHIC FEATURES)
BLOCK ISLAND SOUND (RI)
PRINCE WILLIAM SOUND (AK)
RT CHESAPEAKE BAY (US)
INLETS (TOPOGRAPHY)
OCEANS
RIVERS
WATER

SOURCE PROGRAMS

GS COMPUTER PROGRAMS
SOURCE PROGRAMS
PROGRAMS
SOURCE PROGRAMS

∞ SOURCES

SN (USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)
RT CAUSES
DERIVATION
ELECTRON SOURCES
EXTRAGALACTIC RADIO SOURCES
ION SOURCES
NONPOINT SOURCES
RADIATION SOURCES
RADIO SOURCES (ASTRONOMY)
SINKS

SOUTH AFRICA

USE REPUBLIC OF SOUTH AFRICA

SOUTH AMERICA

GS CONTINENTS
SOUTH AMERICA
RT ANDES MOUNTAINS (SOUTH AMERICA)
ARGENTINA
BOLIVIA
BRAZIL
CHILE
COLOMBIA
ECUADOR
FRENCH GUIANA
GUYANA
MAGDALENA-CAUCA VALLEY (COLOMBIA)
PARAGUAY
PERU
SURINAM
TRINIDAD AND TOBAGO
URUGUAY
VENEZUELA

SOUTH CAROLINA

GS UNITED STATES OF AMERICA
SOUTH CAROLINA
RT SAND HILLS REGION (GA-NC-SC)

SOUTH DAKOTA

GS UNITED STATES OF AMERICA
SOUTH DAKOTA
RT BLACK HILLS (SD-WY)
MISSOURI RIVER (US)

SOUTH KOREA

UF REPUBLIC OF KOREA
RT ASIA
KOREA
NATIONS
NORTH KOREA

SOUTH VIETNAM

USE VIETNAM

SOUTH WEST AFRICA

USE NAMIBIA

SOUTHEAST ASIA

GS REGIONS
SOUTHEAST ASIA
RT ASIA
VIETNAM

SOUTHERN CALIFORNIA

GS REGIONS
SOUTHERN CALIFORNIA
RT CALIFORNIA
MEXICO
NEVADA
PACIFIC OCEAN
UNITED STATES OF AMERICA

SOUTHERN HEMISPHERE

GS SOUTHERN HEMISPHERE
ANTARCTIC REGIONS
MCMURDO SOUND
ROSS ICE SHELF
RT ∞ HEMISPHERES
NORTHERN HEMISPHERE
SOUTHERN SKY

SOUTHERN SKY

RT ASTRONOMICAL CATALOGS
ASTRONOMICAL OBSERVATORIES
ASTRONOMICAL PHOTOGRAPHY
ASTRONOMICAL SPECTROSCOPY
ASTRONOMY
NORTHERN SKY
SOUTHERN HEMISPHERE

SOUTHERN YEMEN

GS REGIONS
SOUTHERN YEMEN
RT ASIA
NATIONS

SOVEREIGNTY

RT INTERNATIONAL COOPERATION
INTERNATIONAL LAW
POLITICS
VOTING

SOVIET SPACECRAFT

GS SOVIET SPACECRAFT
COSMOS SATELLITES
COSMOS 1 SATELLITE
COSMOS 2 SATELLITE
COSMOS 3 SATELLITE
COSMOS 4 SATELLITE
COSMOS 5 SATELLITE
COSMOS 6 SATELLITE
COSMOS 7 SATELLITE
COSMOS 8 SATELLITE
COSMOS 11 SATELLITE
COSMOS 12 SATELLITE
COSMOS 14 SATELLITE
COSMOS 15 SATELLITE
COSMOS 17 SATELLITE
COSMOS 41 SATELLITE
COSMOS 44 SATELLITE
COSMOS 53 SATELLITE
COSMOS 54 SATELLITE
COSMOS 55 SATELLITE
COSMOS 71 SATELLITE
COSMOS 110 SATELLITE
COSMOS 137 SATELLITE
COSMOS 144 SATELLITE
COSMOS 149 SATELLITE
COSMOS 166 SATELLITE
COSMOS 186 SATELLITE
COSMOS 188 SATELLITE
COSMOS 206 SATELLITE
COSMOS 213 SATELLITE
COSMOS 224 SATELLITE
COSMOS 225 SATELLITE
COSMOS 381 SATELLITE
COSMOS 462 SATELLITE
COSMOS 1128 SATELLITE
COSMOS 1129 SATELLITE
COSMOS 1130 SATELLITE
COSMOS 1131 SATELLITE
COSMOS 1132 SATELLITE
COSMOS 1133 SATELLITE
COSMOS 1134 SATELLITE
COSMOS 1135 SATELLITE
COSMOS 1136 SATELLITE
COSMOS 1137 SATELLITE
INTERCOSMOS SATELLITES
COSMOS 782 SATELLITE
COSMOS 936 SATELLITE
LUNIK LUNAR PROBES
LUNIK 1 LUNAR PROBE
LUNIK 2 LUNAR PROBE
LUNIK 3 LUNAR PROBE
LUNIK 4 LUNAR PROBE
LUNIK 9 LUNAR PROBE
LUNIK 10 LUNAR PROBE
LUNIK 11 LUNAR PROBE
LUNIK 12 LUNAR PROBE

SOVIET UNION

SOVIET SPACECRAFT-(CONT.)

. . LUNIK 13 LUNAR PROBE
. . LUNIK 14 LUNAR PROBE
. . LUNIK 16 LUNAR PROBE
. . LUNIK 17 LUNAR PROBE
. . LUNIK 19 LUNAR PROBE
. . LUNIK 20 LUNAR PROBE
. . LUNIK 22 LUNAR PROBE
. MARS 1 SPACECRAFT
. MARS 2 SPACECRAFT
. MARS 3 SPACECRAFT
. MARS 4 SPACECRAFT
. MARS 6 SPACECRAFT
. MOLNIYA SATELLITES
. PROGNOZ SATELLITES
. PROTON SATELLITES
. . PROTON 1 SATELLITE
. . PROTON 2 SATELLITE
. . PROTON 3 SATELLITE
. . PROTON 4 SATELLITE
. RADUGA SATELLITE
. SALYUT SPACE STATION
. SPUTNIK SATELLITES
. . SPUTNIK 1 SATELLITE
. . SPUTNIK 2 SATELLITE
. . SPUTNIK 3 SATELLITE
. . SPUTNIK 4 SATELLITE
. . SPUTNIK 5 SATELLITE
. . SPUTNIK 6 SATELLITE
. . SPUTNIK 7 SATELLITE
. . SPUTNIK 8 SATELLITE
. VENERA SATELLITES
. . VENERA 9 SATELLITE
. . VENERA 10 SATELLITE
. . VENERA 11 SATELLITE
. . VENERA 12 SATELLITE
. ZOND SPACE PROBES
. . ZOND 1 SPACE PROBE
. . ZOND 2 SPACE PROBE
. . ZOND 3 SPACE PROBE
. . ZOND 4 SPACE PROBE
. . ZOND 5 SPACE PROBE
. . ZOND 6 SPACE PROBE
. . ZOND 7 SPACE PROBE
. . ZOND 8 SPACE PROBE
RT ∞ SPACECRAFT

SOVIET UNION

USE U.S.S.R.

SOYBEANS

RT ∞ FOOD

SOYUZ SPACECRAFT

GS MANNED SPACECRAFT
. SOYUZ SPACECRAFT
RT APOLLO SOYUZ TEST PROJECT
SALYUT SPACE STATION
U.S.S.R. SPACE PROGRAM

∞ SPACE

SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)*

RT ALGEBRA
ANALYSIS (MATHEMATICS)
CARTAN SPACE
CISLUNAR SPACE
DEEP SPACE
FUNCTION SPACE
HYPERSPACES
SET THEORY

SPACE ARROW SATELLITE

USE COSMOS 149 SATELLITE

SPACE BASE COMMAND CENTER

GS MANNED SPACECRAFT
. SPACE STATIONS
. SPACE BASE COMMAND CENTER STATIONS
. SPACE STATIONS
. SPACE BASE COMMAND CENTER

SPACE BASED RADAR

GS RADAR
. SPACE BASED RADAR
RT ANTENNA ARRAYS
RADIATION EFFECTS
RADIATION SHIELDING

SPACE BASES

GS SPACE BASES
. SPACE COLONIES
RT ∞ BASES

SPACE BASES-(CONT.)

ORBITAL SPACE STATIONS
SALYUT SPACE STATION
STATIONS

SPACE BIOLOGY

USE EXOBIOLOGY

SPACE BUSES

USE FERRY SPACECRAFT

SPACE CAPSULES

UF CAPSULES (SPACECRAFT)
GS SPACE CAPSULES
. DISCOVERER RECOVERY CAPSULES
. ESCAPE CAPSULES
. MERCURY SPACECRAFT
. . AURORA 7
. . FAITH 7
. . FREEDOM 7
. . FRIENDSHIP 7
. . LIBERTY BELL 7
. . SIGMA 7
RT ARTIFICIAL SATELLITES
BIOSATELLITES
CABIN ATMOSPHERES
∞ CAPSULES
COCKPITS
GEMINI SPACECRAFT
INTERPLANETARY SPACECRAFT
LANDING MODULES
LUNAR SPACECRAFT
MANNED SPACECRAFT
MERCURY FLIGHTS
RECOVERABLE SPACECRAFT
REENTRY VEHICLES
RENDEZVOUS SPACECRAFT
SATELLITES
SOFT LANDING SPACECRAFT
∞ SPACECRAFT
SPACECRAFT CABINS
SPACECRAFT MODULES
UNMANNED SPACECRAFT
VOSKHOD MANNED SPACECRAFT
VOSTOK SPACECRAFT

SPACE CHARGE

GS ELECTRIC CHARGE
. SPACE CHARGE
RT BUNCHING
CHILD-LANGMUIR LAW
ELECTRIC DISCHARGES
ELECTRON CLOUDS
LANDAU DAMPING
MAGNETOHYDRODYNAMICS
NONOHMIC EFFECT
ORBITRONS
PERVEANCE
PLASMAS (PHYSICS)
STATIC ELECTRICITY

SPACE COLONIES

GS SPACE BASES
. SPACE COLONIES
RT LUNAR BASES
LUNAR SHELTERS
ORBITAL SPACE STATIONS

SPACE COMMUNICATION

GS TELECOMMUNICATION
. SPACE COMMUNICATION
. . EXTRATERRESTRIAL COMMUNICATION
. . INTERPLANETARY COMMUNICATION
. . LUNAR COMMUNICATION
. . CIRCUMLUNAR COMMUNICATION
. . SPACECRAFT COMMUNICATION
. . REENTRY COMMUNICATION
RT COMMUNICATION SATELLITES
DEFENSE COMMUNICATIONS SATELLITE SYSTEM
EXTRATERRESTRIAL INTELLIGENCE
FURLABLE ANTENNAS
INTERSTELLAR COMMUNICATION
LASERS
LINE OF SIGHT COMMUNICATION
MANNED SPACE FLIGHT
OPTICAL COMMUNICATION
PULSE COMMUNICATION
RADIO COMMUNICATION
RADIO TELEMETRY
TELEVISION SYSTEMS
WIRELESS COMMUNICATION

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SPACE COOLING (BUILDINGS)

GS COOLING
. SPACE COOLING (BUILDINGS)
RT COOLING SYSTEMS
ENERGY TECHNOLOGY
HEAT EXCHANGERS
HEAT PUMPS
LIQUID COOLING
RESIDENTIAL ENERGY
SOLAR COLLECTORS
SOLAR COOLING
SOLAR ENERGY CONVERSION
TEMPERATURE CONTROL

SPACE DEBRIS

GS DEBRIS
. SPACE DEBRIS
RT ASTEROID BELTS
ASTEROIDS
CHIRON
COSMIC DUST
DUST
METEORIODS
MICROMETEORIODS
∞ SPACECRAFT
SPACECRAFT DESIGN
TORO ASTEROID
VESTA ASTEROID

SPACE DENSITY

GS DENSITY (MASS/VOLUME)
. SPACE DENSITY
DENSITY (NUMBER/VOLUME)
. SPACE DENSITY
RT ATMOSPHERIC DENSITY
ELECTRON DENSITY (CONCENTRATION)
ION DENSITY (CONCENTRATION)
PARTICLE DENSITY (CONCENTRATION)
PLASMA DENSITY
PLASMA INTERACTION EXPERIMENT
PROTON DENSITY (CONCENTRATION)

SPACE DETECTION AND TRACKING SYSTEM

UF SPADATS (TRACKING SYSTEM)
GS STATIONS
. GROUND STATIONS
. SPACE DETECTION AND TRACKING SYSTEM
. TRACKING STATIONS
. SPACE DETECTION AND TRACKING SYSTEM
TRACKING (POSITION)
. SPACE DETECTION AND TRACKING SYSTEM
TRACKING NETWORKS
. SPACE DETECTION AND TRACKING SYSTEM
RT MINITRACK SYSTEM
MISSILE TRACKING
OPTICAL TRACKING
PHOTOGRAPHIC TRACKING
POLYSTATION DOPPLER TRACKING SYSTEM
SPACECRAFT TRACKING
STDN (NETWORK)
∞ SYSTEMS

SPACE DIVERSITY

USE RECEPTION DIVERSITY

SPACE ELECTRIC ROCKET TESTS

UF SERT (ROCKET TESTS)
GS ENGINE TESTS
. SPACE ELECTRIC ROCKET TESTS
RT ELECTRIC ROCKET ENGINES
FLIGHT TESTS
GROUND TESTS
SERT 1 SPACECRAFT
SERT 2 SPACECRAFT

SPACE ENVIRONMENT

USE AEROSPACE ENVIRONMENTS

SPACE ENVIRONMENT SIMULATION

GS SIMULATION
. ENVIRONMENT SIMULATION
. SPACE ENVIRONMENT SIMULATION
. . WEIGHTLESSNESS SIMULATION
RT ALTITUDE SIMULATION
ATMOSPHERIC ENTRY SIMULATION
FLIGHT SIMULATION
FLIGHT SIMULATORS
HIGH VACUUM ORBITAL SIMULATOR
LANGLEY COMPLEX COORDINATOR
MOTION SIMULATORS

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SPACE LAW

SPACE ENVIRONMENT SIMULATION-(CONT.)

SOLAR SIMULATION
THERMAL SIMULATION
VACUUM CHAMBERS

SPACE ENVIRONMENTAL LUBRICATION

USE SPACECRAFT LUBRICATION

SPACE ERECTABLE STRUCTURES

GS SPACE ERECTABLE STRUCTURES
. BEACON EXPLORER A
. INFLATABLE SPACECRAFT
. BEACON SATELLITES
. . . EXPLORER 22 SATELLITE
RT EXPANDABLE STRUCTURES
FOLDING STRUCTURES
INFLATABLE STRUCTURES
LARGE SPACE STRUCTURES
MAYPOLE ANTENNAS
ORBITAL ASSEMBLY
RIGID STRUCTURES
SELF ERECTING DEVICES
SPACECRAFT MODULES
SPACECRAFT STRUCTURES
∞ STRUCTURES

SPACE EXPER WITH PARTICLE ACCELERATORS

USE SEPAC (PAYLOAD)

SPACE EXPLORATION

UF PLANETARY EXPLORATION
GS EXPLORATION
. SPACE EXPLORATION
RT AEROSPACE ENVIRONMENTS
ASTEROID MISSIONS
ASTRODYNAMICS
∞ ASTRONAUTICS
BIOASTRONAUTICS
EXTRATERRESTRIAL ENVIRONMENTS
EXTRATERRESTRIAL RESOURCES
FRENCH SPACE PROGRAMS
GULLIVER PROGRAM
INTERPLANETARY FLIGHT
INTERPLANETARY SPACECRAFT
INTERSTELLAR SPACECRAFT
JUPITER RINGS
LUNAR EXPLORATION
MANNED SPACE FLIGHT
MARS 69 PROJECT
MARS 71 PROJECT
PLANETARY BASES
PLANETARY COMPOSITION
SOLAR MAXIMUM MISSION-A
TOPS (SPACECRAFT)
VIKING LANDER SPACECRAFT
VIKING LANDER 1
VIKING LANDER 2
VIKING ORBITER SPACECRAFT
VIKING ORBITER 1
VIKING ORBITER 2
VIKING 1 SPACECRAFT
VIKING 2 SPACECRAFT

SPACE FLIGHT

GS SPACE FLIGHT
. APOLLO FLIGHTS
. . APOLLO 5 FLIGHT
. . APOLLO 6 FLIGHT
. . APOLLO 7 FLIGHT
. . APOLLO 8 FLIGHT
. . APOLLO 9 FLIGHT
. . APOLLO 10 FLIGHT
. . APOLLO 11 FLIGHT
. . APOLLO 12 FLIGHT
. . APOLLO 13 FLIGHT
. . APOLLO 14 FLIGHT
. . APOLLO 15 FLIGHT
. . APOLLO 16 FLIGHT
. . APOLLO 17 FLIGHT
. HYPERBOLIC REENTRY
. HYPERSONIC REENTRY
. INTERPLANETARY FLIGHT
. . LONG DURATION SPACE FLIGHT
. INTERSTELLAR TRAVEL
. LUNAR FLIGHT
. MANNED SPACE FLIGHT
. . APOLLO 6 FLIGHT
. . APOLLO 7 FLIGHT
. . APOLLO 8 FLIGHT
. . APOLLO 9 FLIGHT
. . APOLLO 10 FLIGHT
. . APOLLO 11 FLIGHT
. . APOLLO 12 FLIGHT
. . APOLLO 13 FLIGHT
. . APOLLO 14 FLIGHT

SPACE FLIGHT-(CONT.)

. . APOLLO 15 FLIGHT
. . APOLLO 16 FLIGHT
. . APOLLO 17 FLIGHT
. . GEMINI FLIGHTS
. . . GEMINI 3 FLIGHT
. . . GEMINI 4 FLIGHT
. . . GEMINI 5 FLIGHT
. . . GEMINI 6 FLIGHT
. . . GEMINI 7 FLIGHT
. . . GEMINI 8 FLIGHT
. . . GEMINI 9 FLIGHT
. . . GEMINI 10 FLIGHT
. . . GEMINI 11 FLIGHT
. . . GEMINI 12 FLIGHT
. . MANNED REENTRY
. . MERCURY FLIGHTS
. . . MERCURY MA-1 FLIGHT
. . . MERCURY MA-2 FLIGHT
. . . MERCURY MA-3 FLIGHT
. . . MERCURY MA-4 FLIGHT
. . . MERCURY MA-5 FLIGHT
. . . MERCURY MA-6 FLIGHT
. . . MERCURY MA-7 FLIGHT
. . . MERCURY MA-8 FLIGHT
. . . MERCURY MA-9 FLIGHT
. . . MERCURY MR-1 FLIGHT
. . . MERCURY MR-2 FLIGHT
. . . MERCURY MR-3 FLIGHT
. . . MERCURY MR-4 FLIGHT
. . RETURN TO EARTH SPACE FLIGHT
. . SPACECRAFT REENTRY
. . VIKING MARS PROGRAM
RT AEROSPACE ENVIRONMENTS
APOLLO SOYUZ TEST PROJECT
ASCENT PROPULSION SYSTEMS
ASTRODYNAMICS
∞ ASTRONAUTICS
ATMOSPHERIC ENTRY
AUXILIARY PROPULSION
BIOASTRONAUTICS
CELESTIAL BODIES
EXPEDITIONS
EXPLORATION
EXTRAVEHICULAR ACTIVITY
∞ FLIGHT
FLIGHT MECHANICS
FLIGHT OPTIMIZATION
FLIGHT SIMULATION
FLYBY MISSIONS
GRAND TOURS
MARINER JUPITER-SATURN FLYBY
MARINER JUPITER-URANUS FLYBY
METEOROLOGICAL FLIGHT
∞ MISSIONS
ORBITS
PHYSICS AND CHEMISTRY EXPERIMENT
IN SPACE
POINTING CONTROL SYSTEMS
PROPULSION
REENTRY
ROCKET FLIGHT
∞ ROCKETS
SOLAR SAILS
SPACE TRANSPORTATION SYSTEM
FLIGHTS
SPACECRAFT GUIDANCE
SPACECRAFT MANEUVERS
SPACECRAFT PROPULSION
SUBORBITAL FLIGHT
TRAJECTORIES
VIKING LANDER SPACECRAFT
VIKING LANDER 1
VIKING LANDER 2
VIKING ORBITER SPACECRAFT
VIKING ORBITER 1
VIKING ORBITER 2
VIKING 1 SPACECRAFT
VIKING 2 SPACECRAFT

SPACE FLIGHT FEEDING

RT CONSUMABLES (SPACECREW SUPPLIES)
DEHYDRATED FOOD
DIETS
EATING
∞ FOOD
FOOD INTAKE
LIFE SUPPORT SYSTEMS
NUTRITION
NUTRITIONAL REQUIREMENTS
WASTE DISPOSAL

SPACE FLIGHT STRESS

GS FLIGHT STRESS (BIOLOGY)
. SPACE FLIGHT STRESS

SPACE FLIGHT STRESS-(CONT.)

RT BOREDOM
∞ FLIGHT STRESS
LOWER BODY NEGATIVE PRESSURE
MANNED SPACE FLIGHT
STRESS (PHYSIOLOGY)
STRESS (PSYCHOLOGY)
WEIGHTLESSNESS

SPACE FLIGHT TRACKING AND DATA NETWORK

GS TRACKING NETWORKS
. SPACE FLIGHT TRACKING AND DATA
NETWORK
RT DATA ACQUISITION
GLOBAL TRACKING NETWORK
GROUND STATIONS
SATELLITE TRACKING
STATIONS
STDN (NETWORK)
TRACKING STATIONS

SPACE FLIGHT TRAINING

GS EDUCATION
. FLIGHT TRAINING
. . SPACE FLIGHT TRAINING
RT ASTRONAUT TRAINING
PILOT TRAINING
SPACECRAFT CABIN SIMULATORS
TRAINING SIMULATORS

SPACE GLIDERS

USE LIFTING REENTRY VEHICLES

SPACE GLOSSARIES

RT BIBLIOGRAPHIES
DICTIONARIES
DOCUMENTATION
INDEXES (DOCUMENTATION)
INFORMATION RETRIEVAL
THESAURI

SPACE HEATING (BUILDINGS)

GS HEATING
. SPACE HEATING (BUILDINGS)
RT AIR CONDITIONING
ENVIRONMENTAL ENGINEERING
HEATING EQUIPMENT
RESIDENTIAL ENERGY
SOLAR ATRIUMS
SOLAR HEATING
SOLAR HOUSES
TEMPERATURE CONTROL
WASTE ENERGY UTILIZATION

SPACE INDUSTRIALIZATION

RT ECONOMIC DEVELOPMENT
ENERGY CONVERSION
INDUSTRIES
MANUFACTURING
∞ PROCESSES
PRODUCT DEVELOPMENT
PRODUCTS
RESEARCH FACILITIES

SPACE LABORATORIES

GS LABORATORIES
. SPACE LABORATORIES
. . ATMOSPHERIC CLOUD PHYSICS LAB
(SPACELAB)
. . EARTH VIEWING APPLICATIONS
LABORATORY
. . MANNED ORBITAL LABORATORIES
. . . MANNED ORBITAL RESEARCH
LABORATORIES
RT ∞ AEROSPACE SCIENCES
ARTIFICIAL SATELLITES
EARTH SATELLITES
GEOPHYSICAL SATELLITES
LONG DURATION EXPOSURE FACILITY
RESEARCH FACILITIES
RESEARCH VEHICLES
SAIL PROJECT
SALYUT SPACE STATION
SPACEBORNE EXPERIMENTS
∞ SPACECRAFT

SPACE LAW

GS LAW (JURISPRUDENCE)
. INTERNATIONAL LAW
. . SPACE LAW
RT AIR LAW
OUTER SPACE TREATY
SABOTAGE

SPACE LOGISTICS

SPACE LOGISTICS

- GS CONSUMABLES (SPACECRAFT)
- . SPACE LOGISTICS
- LOGISTICS
- . SPACE LOGISTICS
- RT CONSUMABLES (SPACECREW SUPPLIES)
- EXTRATERRESTRIAL RESOURCES
- MANNED SPACE FLIGHT
- SPACECRAFT CABIN SIMULATORS
- SPACECREW TRANSFER
- STOWAGE (ONBOARD EQUIPMENT)

SPACE MAINTENANCE

- GS MAINTENANCE
- . SPACE MAINTENANCE
- RT ASTRONAUT TRAINING
- ∞ ASTRONAUTICS
- EXTRAVEHICULAR ACTIVITY
- ORBITAL WORKERS
- REMOTE MANIPULATOR SYSTEM

SPACE MANUFACTURING

- GS FABRICATION
- . SPACE MANUFACTURING
- MANUFACTURING
- . SPACE MANUFACTURING
- RT AEROSPACE ENVIRONMENTS
- ASSEMBLING
- CONSTRUCTION
- HIGH VACUUM
- INDUSTRIES
- SPACEBORNE EXPERIMENTS
- TECHNOLOGIES
- VACUUM EFFECTS
- WEIGHTLESSNESS

SPACE MECHANICS

- GS CLASSICAL MECHANICS
- . SPACE MECHANICS
- . . . ASTRODYNAMICS
- . . . CELESTIAL MECHANICS
- . . . ORBITAL MECHANICS
- . . . KEPLER LAWS
- . . . MINIMUM VARIANCE ORBIT
- DETERMINATION
- RT FLIGHT MECHANICS
- MAGNETOHYDRODYNAMICS
- QUADRATURES

SPACE MISSIONS

- GS SPACE MISSIONS
- . ASTEROID MISSIONS
- . INTERNATIONAL SOLAR POLAR
- MISSION
- . SOLAR MAXIMUM MISSION
- . . . SOLAR MAXIMUM MISSION-A
- RT APOLLO SOYUZ TEST PROJECT
- CHINESE SPACE PROGRAMS
- EARTH-VENUS TRAJECTORIES
- FLYBY MISSIONS
- FRENCH SPACE PROGRAMS
- GRAND TOURS
- INDIAN SPACE PROGRAM
- JAPANESE SPACE PROGRAM
- MARINER JUPITER-SATURN FLYBY
- MARINER JUPITER-URANUS FLYBY
- ∞ MISSIONS
- SKYLAB 1
- SKYLAB 2
- SKYLAB 3
- SKYLAB 4
- ∞ SPACECRAFT
- TOPS (SPACECRAFT)

SPACE NAVIGATION

- GS NAVIGATION
- . SPACE NAVIGATION
- . . INTERPLANETARY NAVIGATION
- RT AIR NAVIGATION
- ASTRODYNAMICS
- ∞ ASTRONAUTICS
- ASTRONAVIGATION
- CELESTIAL NAVIGATION
- DIGITAL NAVIGATION
- EARTH-VENUS TRAJECTORIES
- GLOBAL POSITIONING SYSTEM
- INERTIAL NAVIGATION
- INTERPLANETARY FLIGHT
- INTERPLANETARY TRAJECTORIES
- MANNED SPACECRAFT
- ORBITAL MANEUVERS
- ORBITAL MECHANICS
- ORBITS
- RADAR NAVIGATION
- RADIO NAVIGATION

SPACE NAVIGATION-(CONT.)

- REFERENCE STARS
- SATELLITE GUIDANCE
- SATELLITE NAVIGATION SYSTEMS
- SPACECRAFT GUIDANCE
- SPACECRAFT POSITION INDICATORS
- STANDARDIZED SPACE GUIDANCE

SPACE OBSERVATIONS (FROM EARTH)

- GS OBSERVATION
- . SPACE OBSERVATIONS (FROM
- EARTH)
- RT DETECTION
- RADIO OBSERVATION
- RECONNAISSANCE
- SPACE SURVEILLANCE (GROUND
- BASED)
- VISUAL OBSERVATION

∞ SPACE ORIENTATION

- SN (USE OF A MORE SPECIFIC TERM IS
- RECOMMENDED-CONSULT THE TERMS
- LISTED BELOW)
- RT ATTITUDE (INCLINATION)
- BEARING (DIRECTION)
- VERTICAL PERCEPTION
- VISUAL PERCEPTION

SPACE PERCEPTION

- UF DEPTH PERCEPTION
- DISTANCE PERCEPTION
- FORM PERCEPTION
- SLANT PERCEPTION
- GS PERCEPTION
- . SENSORY PERCEPTION
- . . VISUAL PERCEPTION
- . . . SPACE PERCEPTION
- AUTOKINESIS
- RT BINOCULAR VISION
- MONOCULAR VISION
- PERIPHERAL VISION
- RANGE FINDERS
- SOUND LOCALIZATION
- VISUAL FIELDS

SPACE PHOTOGRAPHY

- USE SPACEBORNE PHOTOGRAPHY

SPACE PLASMA H/E INTERACTION EXPERIMENTS

- USE SPHINX

SPACE PLASMAS

- RT GEOMAGNETISM
- MAGNETOHYDRODYNAMIC STABILITY
- MAGNETOHYDRODYNAMICS
- MAGNETOSPHERE
- PLASMA DENSITY
- PLASMA DIAGNOSTICS
- PLASMA INTERACTIONS
- PLASMA LAYERS
- PLASMA PHYSICS
- PLASMA WAVES
- PLASMA-ELECTROMAGNETIC
- INTERACTION
- SOLAR WIND

SPACE PLATFORMS

- GS SPACE PLATFORMS
- . SYNCHRONOUS PLATFORMS
- RT ORBITAL SERVICING
- SHAPE CONTROL

SPACE POWER REACTORS

- GS AUXILIARY POWER SOURCES
- . NUCLEAR AUXILIARY POWER UNITS
- . . SPACE POWER REACTORS
- . . . FISSION ELECTRIC CELLS
- SNAP 2
- SNAP 4
- SNAP 8
- SNAP 10A
- SNAP 50
- . . . SPACE POWER UNIT REACTORS
- NUCLEAR ELECTRIC POWER
- GENERATION
- . NUCLEAR AUXILIARY POWER UNITS
- . . SPACE POWER REACTORS
- . . . FISSION ELECTRIC CELLS
- SNAP 2
- SNAP 4
- SNAP 8
- SNAP 10A
- SNAP 50
- . . . SPACE POWER UNIT REACTORS
- . NUCLEAR POWER REACTORS

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SPACE POWER REACTORS-(CONT.)

- . . . SPACE POWER REACTORS
- . . . FISSION ELECTRIC CELLS
- SNAP 2
- SNAP 4
- SNAP 8
- SNAP 10A
- . . . SPACE POWER UNIT REACTORS
- NUCLEAR REACTORS
- . NUCLEAR POWER REACTORS
- . . SPACE POWER REACTORS
- . . . FISSION ELECTRIC CELLS
- SNAP 2
- SNAP 4
- SNAP 8
- SNAP 10A
- . . . SPACE POWER UNIT REACTORS
- RT HEAT EXCHANGERS
- TURBOGENERATORS

SPACE POWER UNIT REACTORS

- UF SPUR (REACTORS)
- GS AUXILIARY POWER SOURCES
- . NUCLEAR AUXILIARY POWER UNITS
- . . SPACE POWER REACTORS
- . . . SPACE POWER UNIT REACTORS
- NUCLEAR ELECTRIC POWER
- GENERATION
- . NUCLEAR AUXILIARY POWER UNITS
- . . SPACE POWER REACTORS
- . . . SPACE POWER UNIT REACTORS
- . . . NUCLEAR POWER REACTORS
- . . . SPACE POWER REACTORS
- . . . SPACE POWER UNIT REACTORS
- NUCLEAR REACTORS
- . NUCLEAR POWER REACTORS
- . . SPACE POWER REACTORS
- . . . SPACE POWER UNIT REACTORS
- RT FISSION ELECTRIC CELLS
- HEAT EXCHANGERS
- SNAP
- SNAP 2
- SNAP 4
- SNAP 8
- SNAP 50
- TURBOGENERATORS

SPACE PROBES

- GS UNMANNED SPACECRAFT
- . SPACE PROBES
- . . EXPLORER 18 SATELLITE
- . . JUPITER PROBES
- . . . GALILEO PROBE
- . . . GALILEO SPACECRAFT
- . . . LUNAR PROBES
- LUNIK LUNAR PROBES
- LUNIK 1 LUNAR PROBE
- LUNIK 2 LUNAR PROBE
- LUNIK 3 LUNAR PROBE
- LUNIK 4 LUNAR PROBE
- LUNIK 9 LUNAR PROBE
- LUNIK 10 LUNAR PROBE
- LUNIK 11 LUNAR PROBE
- LUNIK 12 LUNAR PROBE
- LUNIK 13 LUNAR PROBE
- LUNIK 14 LUNAR PROBE
- LUNIK 16 LUNAR PROBE
- LUNIK 17 LUNAR PROBE
- LUNIK 19 LUNAR PROBE
- LUNIK 20 LUNAR PROBE
- LUNIK 22 LUNAR PROBE
- . . . RANGER LUNAR PROBES
- . . . RANGER LUNAR LANDING
- VEHICLES
- RANGER 1 LUNAR PROBE
- RANGER 2 LUNAR PROBE
- RANGER 3 LUNAR PROBE
- RANGER 4 LUNAR PROBE
- RANGER 5 LUNAR PROBE
- RANGER 6 LUNAR PROBE
- RANGER 7 LUNAR PROBE
- RANGER 8 LUNAR PROBE
- RANGER 9 LUNAR PROBE
- RANGER 10 LUNAR PROBE
- . . . SURVEYOR LUNAR PROBES
- SURVEYOR 1 LUNAR PROBE
- SURVEYOR 2 LUNAR PROBE
- SURVEYOR 3 LUNAR PROBE
- SURVEYOR 4 LUNAR PROBE
- SURVEYOR 5 LUNAR PROBE
- SURVEYOR 6 LUNAR PROBE
- SURVEYOR 7 LUNAR PROBE
- . . . MARINER SPACE PROBES
- MARINER R 1 SPACE PROBE
- MARINER R 2 SPACE PROBE

SPACE PROBES-(CONT.)

... MARINER VENUS-MERCURY 1973
 ... MARINER 1 SPACE PROBE
 ... MARINER 2 SPACE PROBE
 ... MARINER 3 SPACE PROBE
 ... MARINER 4 SPACE PROBE
 ... MARINER 5 SPACE PROBE
 ... MARINER 6 SPACE PROBE
 ... MARINER 7 SPACE PROBE
 ... MARINER 8 SPACE PROBE
 ... MARINER 9 SPACE PROBE
 ... MARINER 10 SPACE PROBE
 ... MARINER 11 SPACE PROBE
 ... MARINER-MERCURY 1973
 ... MARINER SPACECRAFT
 ... MARINER C SPACECRAFT
 ... MARINER VENUS 67 SPACECRAFT
 ... MARS PROBES
 ... ADVANCED RECONN ELECTRIC SPACECRAFT
 ... MARINER 3 SPACE PROBE
 ... MARINER 4 SPACE PROBE
 ... MARINER 6 SPACE PROBE
 ... MARINER 7 SPACE PROBE
 ... MARINER 8 SPACE PROBE
 ... MARINER 10 SPACE PROBE
 ... MARS 1 SPACECRAFT
 ... MARS 2 SPACECRAFT
 ... MARS 4 SPACECRAFT
 ... MARS 6 SPACECRAFT
 ... VIKING ORBITER 1975
 ... ZOND 2 SPACE PROBE
 ... MARS 5 SPACECRAFT
 ... PIONEER SPACE PROBES
 ... PIONEER VENUS 2 ENTRY PROBES
 ... PIONEER VENUS 2 DAY PROBE
 ... PIONEER VENUS 2 NIGHT PROBE
 ... PIONEER VENUS 2 NORTH PROBE
 ... PIONEER 1 SPACE PROBE
 ... PIONEER 2 SPACE PROBE
 ... PIONEER 3 SPACE PROBE
 ... PIONEER 4 SPACE PROBE
 ... PIONEER 5 SPACE PROBE
 ... PIONEER 6 SPACE PROBE
 ... PIONEER 7 SPACE PROBE
 ... PIONEER 8 SPACE PROBE
 ... PIONEER 9 SPACE PROBE
 ... PIONEER 10 SPACE PROBE
 ... PIONEER 11 SPACE PROBE
 ... SOLAR PROBES
 ... HELIOS A
 ... HELIOS B
 ... HELIOS 1
 ... HELIOS 2
 ... SUNBLAZER SPACE PROBE
 ... VENUS PROBES
 ... MARINER 1 SPACE PROBE
 ... MARINER 2 SPACE PROBE
 ... MARINER 5 SPACE PROBE
 ... VENERA SATELLITES
 ... VENERA 2 SATELLITE
 ... VENERA 3 SATELLITE
 ... VENERA 4 SATELLITE
 ... VENERA 5 SATELLITE
 ... VENERA 6 SATELLITE
 ... VENERA 7 SATELLITE
 ... VENERA 8 SATELLITE
 ... VENERA 9 SATELLITE
 ... VENERA 10 SATELLITE
 ... VENERA 11 SATELLITE
 ... VENERA 12 SATELLITE
 ... ZOND 1 SPACE PROBE
 ... ZOND 3 SPACE PROBE
 ... ZOND 4 SPACE PROBE
 ... ZOND 5 SPACE PROBE
 ... ZOND 6 SPACE PROBE
 ... ZOND 7 SPACE PROBE
 ... ZOND 8 SPACE PROBE
 RT ATLAS ABL 5 LAUNCH VEHICLE
 INTERPLANETARY SPACECRAFT
 MAGNETIC PROBES
 MANEUVERABLE SPACECRAFT
 MARINER PROGRAM
 METEOROLOGICAL SATELLITES
 PIONEER PROJECT
 PIONEER VENUS SPACECRAFT
 PIONEER VENUS 1 SPACECRAFT
 ∞ PROBES
 RADIO OCCULTATION
 SATELLITE TELEVISION
 SATELLITES
 VIKING LANDER SPACECRAFT
 VIKING LANDER 1
 VIKING LANDER 2
 VIKING ORBITER SPACECRAFT
 VIKING ORBITER 1

SPACE PROBES-(CONT.)

VIKING ORBITER 2
 VIKING 1 SPACECRAFT
 VIKING 2 SPACECRAFT
 VOYAGER PROJECT
 VOYAGER 1 SPACECRAFT
 VOYAGER 2 SPACECRAFT
 VOYAGER 1977 MISSION

SPACE PROCESSING

RT ACOUSTIC LEVITATION
 CONTAINERLESS MELTS
 CRYSTAL GROWTH
 LOW GRAVITY MANUFACTURING
 ORBITAL WORKSHOPS
 SINGLE CRYSTALS
 SPACEBORNE EXPERIMENTS
 ULTRAPURE METALS

SPACE PROCESSING APPLICATIONS ROCKET

UF SPAR (ROCKET)
 RT LAUNCH VEHICLES
 METAL FOAMS
 PAYLOADS
 ROCKET VEHICLES
 WEIGHTLESSNESS

SPACE PROGRAMS

GS PROGRAMS
 . SPACE PROGRAMS
 . . CANADIAN SPACE PROGRAMS
 . . CHINESE SPACE PROGRAMS
 . . EUROPEAN SPACE PROGRAMS
 . . FRENCH SPACE PROGRAMS
 . . GEOGRAPHIC APPLICATIONS PROGRAM
 . . INDIAN SPACE PROGRAM
 . . JAPANESE SPACE PROGRAM
 . . JUPITER PROJECT
 . . LUNAR PROGRAMS
 . . APOLLO PROJECT
 . . SURVEYOR PROJECT
 . . TEKITE PROJECT
 . . U.S.S.R. SPACE PROGRAM
 RT APOLLO SOYUZ TEST PROJECT
 EUROPEAN SPACE AGENCY
 ISRO
 MANNED SPACE FLIGHT
 NASA PROGRAMS
 NATIONAL LAUNCH VEHICLE PROGRAM
 ∞ RESEARCH PROJECTS
 SOLAR MAXIMUM MISSION

SPACE RADIATION

USE EXTRATERRESTRIAL RADIATION

SPACE RADIATORS

USE SPACECRAFT RADIATORS

SPACE RATIONS

GS CONSUMABLES (SPACECRAFT)
 . CONSUMABLES (SPACECREW SUPPLIES)
 . . SPACE RATIONS
 . . RATIONS
 . . SPACE RATIONS
 RT ∞ FOOD
 PROVISIONING
 STOWAGE (ONBOARD EQUIPMENT)

SPACE RENDEZVOUS

UF SPACECRAFT RENDEZVOUS
 GS RENDEZVOUS
 . SPACE RENDEZVOUS
 . . ORBITAL RENDEZVOUS
 . . . LUNAR ORBITAL RENDEZVOUS
 RT APOLLO SOYUZ TEST PROJECT
 RENDEZVOUS TRAJECTORIES
 TRANSFER ORBITS

SPACE SCIENCES

USE AEROSPACE SCIENCES

SPACE SELF MANEUVERING UNITS

USE SELF MANEUVERING UNITS

SPACE SHUTTLE ASCENT STAGE

RT ASCENT
 ASCENT PROPULSION SYSTEMS
 ASCENT TRAJECTORIES
 SPACE SHUTTLE BOOSTERS
 SPACE SHUTTLE UPPER STAGES
 SPACE SHUTTLES

SPACE SHUTTLE ASCENT STAGE-(CONT.)

SPACE TRANSPORTATION SYSTEM
 FLIGHTS
 SPACECRAFT LAUNCHING
 STAGE SEPARATION
 UPPER STAGE ROCKET ENGINES

SPACE SHUTTLE BOOSTERS

UF SHUTTLE BOOSTERS
 GS TRANSPORTATION
 . SPACE TRANSPORTATION
 . . SPACE TRANSPORTATION SYSTEM
 . . . SPACE SHUTTLE BOOSTERS
 RT ∞ BOOSTERS
 MANNED SPACECRAFT
 REUSABLE SPACECRAFT
 SPACE SHUTTLE ASCENT STAGE

SPACE SHUTTLE MAIN ENGINE

GS ENGINES
 . ROCKET ENGINES
 . . LIQUID PROPELLANT ROCKET ENGINES
 . . . SPACE SHUTTLE MAIN ENGINE
 RT PROPULSION
 SPACE TRANSPORTATION SYSTEM
 SPACE TRANSPORTATION SYSTEM
 FLIGHTS

SPACE SHUTTLE ORBITAL FLIGHT TEST 1

USE SPACE TRANSPORTATION SYSTEM 1
 FLIGHT

SPACE SHUTTLE ORBITAL FLIGHT TEST 2

USE SPACE TRANSPORTATION SYSTEM 2
 FLIGHT

SPACE SHUTTLE ORBITAL FLIGHT TEST 3

USE SPACE TRANSPORTATION SYSTEM 3
 FLIGHT

SPACE SHUTTLE ORBITAL FLIGHT TEST 4

USE SPACE TRANSPORTATION SYSTEM 4
 FLIGHT

SPACE SHUTTLE ORBITAL FLIGHT TESTS

USE SPACE TRANSPORTATION SYSTEM
 FLIGHTS

SPACE SHUTTLE ORBITAL FLIGHT 7

USE SPACE TRANSPORTATION SYSTEM 7
 FLIGHT

SPACE SHUTTLE ORBITAL FLIGHT 8

USE SPACE TRANSPORTATION SYSTEM 8
 FLIGHT

SPACE SHUTTLE ORBITAL FLIGHT 9

USE SPACE TRANSPORTATION SYSTEM 9
 FLIGHT

SPACE SHUTTLE ORBITAL FLIGHT 10

USE SPACE TRANSPORTATION SYSTEM 10
 FLIGHT

SPACE SHUTTLE ORBITAL FLIGHT 11

USE SPACE TRANSPORTATION SYSTEM 11
 FLIGHT

SPACE SHUTTLE ORBITAL FLIGHT 12

USE SPACE TRANSPORTATION SYSTEM 12
 FLIGHT

SPACE SHUTTLE ORBITAL FLIGHTS

USE SPACE TRANSPORTATION SYSTEM
 FLIGHTS

SPACE SHUTTLE ORBITER 101

UF ENTERPRISE (ORBITER)
 GS TRANSPORTATION
 . SPACE TRANSPORTATION
 . . SPACE TRANSPORTATION SYSTEM
 . . . SPACE SHUTTLE ORBITERS
 SPACE SHUTTLE ORBITER 101
 RT MANNED SPACE FLIGHT

SPACE SHUTTLE ORBITER 102

SPACE SHUTTLE ORBITER 101-(CONT.)

RECOVERABLE SPACECRAFT
REUSABLE SPACECRAFT
∞ SPACECRAFT

SPACE SHUTTLE ORBITER 102

GS TRANSPORTATION
.. SPACE TRANSPORTATION
.. SPACE TRANSPORTATION SYSTEM
.. SPACE SHUTTLE ORBITERS
.. SPACE SHUTTLE ORBITER 102
RT REUSABLE SPACECRAFT

SPACE SHUTTLE ORBITERS

UF SHUTTLE ORBITERS
GS TRANSPORTATION
.. SPACE TRANSPORTATION
.. SPACE TRANSPORTATION SYSTEM
.. SPACE SHUTTLE ORBITERS
.. SPACE SHUTTLE ORBITER 101
.. SPACE SHUTTLE ORBITER 102
RT INERTIAL UPPER STAGE
MANNED SPACE FLIGHT
MICROWAVE SCANNING BEAM LANDING
SYSTEM
PAYLOAD INTEGRATION PLAN
RECOVERABLE SPACECRAFT
REUSABLE SPACECRAFT
SPACECRAFT RECOVERY
TERMINAL AREA ENERGY MANAGEMENT

SPACE SHUTTLE PAYLOADS

GS PAYLOADS
.. SPACE SHUTTLE PAYLOADS
.. ELECTROMAGNETIC ENVIRONMENT
EXPERIMENT
.. HALOGEN OCCULTATION
EXPERIMENT
.. OSS-1 PAYLOAD
.. OSTA-1 PAYLOAD
.. SPACEBORNE EXPERIMENTS
.. ATMOSPHERIC GENERAL
CIRCULATION EXPERIMENT
.. EARTH RADIATION BUDGET
EXPERIMENT
.. PHYSICS AND CHEMISTRY
EXPERIMENT IN SPACE
.. PLASMA INTERACTION EXPERIMENT
.. SPACELAB
.. X RAY ASTROPHYSICS FACILITY
RT EXTRAVEHICULAR ACTIVITY
ORBITAL SERVICING
PAYLOAD ASSIST MODULE
PAYLOAD INTEGRATION PLAN
SPACE TRANSPORTATION SYSTEM

SPACE SHUTTLE UPPER STAGE A

UF SSUS-A
GS SPACE SHUTTLE UPPER STAGES
.. SPACE SHUTTLE UPPER STAGE A
RT ATLAS CENTAUR LAUNCH VEHICLE

SPACE SHUTTLE UPPER STAGE D

UF SSUS-D
GS SPACE SHUTTLE UPPER STAGES
.. SPACE SHUTTLE UPPER STAGE D
RT DELTA LAUNCH VEHICLE
SOLID PROPELLANT ROCKET ENGINES
SPIN STABILIZATION

SPACE SHUTTLE UPPER STAGES

GS SPACE SHUTTLE UPPER STAGES
.. SPACE SHUTTLE UPPER STAGE A
.. SPACE SHUTTLE UPPER STAGE D
.. SPINNING SOLID UPPER STAGE
RT SPACE SHUTTLE ASCENT STAGE

SPACE SHUTTLES

GS MANNED SPACECRAFT
.. SPACE SHUTTLES
RT ADVANCED TECHNOLOGY LABORATORY
AEPS
AEROMANEUVERING ORBIT TO ORBIT
SHUTTLE
ANNULAR SUSPENSION AND POINTING
SYSTEM
APPROACH AND LANDING TESTS (STS)
ASSESS PROGRAM
ATMOSPHERIC CLOUD PHYSICS LAB
(SPACELAB)
AUXILIARY PROPULSION
BESS (SATELLITE)
EARTH VIEWING APPLICATIONS
LABORATORY
ENTRY GUIDANCE (STS)

SPACE SHUTTLES-(CONT.)

EXPENDABLE STAGES (SPACECRAFT)
INERTIAL UPPER STAGE
INTERIM STAGES (SPACECRAFT)
LARGE SPACE TELESCOPE
LIRTS (TELESCOPE)
MANNED SPACE FLIGHT
ORBIT MANEUVERING ENGINE (SPACE
SHUTTLE)
ORBIT TRANSFER VEHICLES
ORBITAL MANEUVERS
PAYLOAD CONTROL
PAYLOAD DEPLOYMENT & RETRIEVAL
SYSTEM
PAYLOAD RETRIEVAL
PAYLOAD TRANSFER (STS)
SAIL PROJECT
SHUTTLE ENGINEERING SIMULATOR
SINGLE STAGE TO ORBIT VEHICLES
SPACE SHUTTLE ASCENT STAGE
SPACE TRANSPORTATION SYSTEM
FLIGHTS
∞ SPACECRAFT
SPACECRAFT RECOVERY
SPACELAB

SPACE SIMULATORS

UF ORBITAL SIMULATORS
GS SIMULATORS
.. ENVIRONMENT SIMULATORS
.. SPACE SIMULATORS
.. HIGH VACUUM ORBITAL SIMULATOR
.. LANGLEY COMPLEX COORDINATOR
RT CENTRIFUGES
FLIGHT SIMULATORS
SOLAR SIMULATORS
VACUUM CHAMBERS

SPACE STATIONS

UF SELF DEPLOYING SPACE STATIONS
GS MANNED SPACECRAFT
.. SPACE STATIONS
.. ORBITAL SPACE STATIONS
.. LONG DURATION EXPOSURE
FACILITY
.. ORBITAL WORKSHOPS
.. SALYUT SPACE STATION
.. SKYLAB 1
.. SKYLAB 2
.. SKYLAB 3
.. SKYLAB 4
.. SPACE BASE COMMAND CENTER
STATIONS
.. SPACE STATIONS
.. ORBITAL SPACE STATIONS
.. HALO ORBIT SPACE STATION
.. LONG DURATION EXPOSURE
FACILITY
.. ORBITAL WORKSHOPS
.. ORBITING LUNAR STATIONS
.. SALYUT SPACE STATION
.. SPACE BASE COMMAND CENTER
RT AEPS
ARTIFICIAL SATELLITES
BIOASTRONAUTICS
FERRY SPACECRAFT
INFLATABLE STRUCTURES
LARGE SPACE TELESCOPE
MILITARY SPACECRAFT
∞ PLATFORMS
RENDEZVOUS SPACECRAFT
SATELLITES
SATURN WORKSHOPS
SATURN 1 WORKSHOP
SATURN 5 WORKSHOP
SPIN STABILIZATION

SPACE STORAGE

RT CRYOGENIC FLUID STORAGE
CRYOGENIC ROCKET PROPELLANTS
PROPELLANT STORAGE
STORABLE PROPELLANTS
∞ STORAGE
STORAGE TANKS

SPACE SUITS

GS CLOTHING
.. PROTECTIVE CLOTHING
.. PRESSURE SUITS
.. SPACE SUITS
.. SUITS
.. PRESSURE SUITS
.. SPACE SUITS
SAFETY DEVICES
.. SPACE SUITS

NASA THESAURUS (VOLUME 1)

∞ SPACE SURVEILLANCE

SN (USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)
RT SPACE SURVEILLANCE (GROUND
BASED)
SPACE SURVEILLANCE (SPACEBORNE)

SPACE SURVEILLANCE (GROUND BASED)

GS SURVEILLANCE
.. SPACE SURVEILLANCE (GROUND
BASED)
RT AIR DEFENSE
ANTIMISSILE DEFENSE
MINITRACK SYSTEM
SPACE OBSERVATIONS (FROM EARTH)
∞ SPACE SURVEILLANCE
SPACECRAFT TRACKING

SPACE SURVEILLANCE (SPACEBORNE)

GS SURVEILLANCE
.. SPACE SURVEILLANCE (SPACEBORNE)
RT AIR DEFENSE
ANTIMISSILE DEFENSE
HIGH ALTITUDE NUCLEAR DETECTION
ICE MAPPING
ICE REPORTING
MILITARY SPACECRAFT
OPTICAL COUNTERMEASURES
RECONNAISSANCE
SATELLITE-BORNE PHOTOGRAPHY
SATELLITE-TO-SATELLITE TRACKING
∞ SPACE SURVEILLANCE
SPACECRAFT TRACKING

SPACE SYSTEMS ENGINEERING

USE AEROSPACE ENGINEERING

SPACE TEMPERATURE

GS TEMPERATURE
.. SPACE TEMPERATURE
RT ELECTRON ENERGY
ION TEMPERATURE
ULTRALOW TEMPERATURES

SPACE TOOLS

GS TOOLS
.. SPACE TOOLS
RT LOW GRAVITY MANUFACTURING
ORBITAL WORKERS

SPACE TRANSPORTATION

GS TRANSPORTATION
.. SPACE TRANSPORTATION
.. SPACE TRANSPORTATION SYSTEM
.. SPACE SHUTTLE BOOSTERS
.. SPACE SHUTTLE ORBITERS
.. SPACE SHUTTLE ORBITER 101
.. SPACE SHUTTLE ORBITER 102
RT INERTIAL UPPER STAGE
JAPANESE SPACE PROGRAM
ORBIT TRANSFER VEHICLES
PAYLOAD STATIONS
PAYLOADS
SINGLE STAGE TO ORBIT VEHICLES
TERMINAL AREA ENERGY MANAGEMENT

SPACE TRANSPORTATION SYSTEM

UF STS
GS TRANSPORTATION
.. SPACE TRANSPORTATION
.. SPACE TRANSPORTATION SYSTEM
.. SPACE SHUTTLE BOOSTERS
.. SPACE SHUTTLE ORBITERS
.. SPACE SHUTTLE ORBITER 101
.. SPACE SHUTTLE ORBITER 102
RT ANNULAR SUSPENSION AND POINTING
SYSTEM
APPROACH AND LANDING TESTS (STS)
ATMOSPHERIC GENERAL CIRCULATION
EXPERIMENT
DEFENSE PROGRAM
INERTIAL UPPER STAGE
NASA PROGRAMS
ORBITAL SERVICING
OSS-1 PAYLOAD
OSTA-1 PAYLOAD
OSTA-2 PAYLOAD
PAYLOAD ASSIST MODULE
PAYLOAD DELIVERY (STS)
PAYLOAD INTEGRATION PLAN
PAYLOAD RETRIEVAL (STS)
POWER MODULES (STS)
REMOTE MANIPULATOR SYSTEM
SPACE SHUTTLE MAIN ENGINE

SPACE TRANSPORTATION SYSTEM-(CONT.)

SPACE SHUTTLE PAYLOADS
SPACE TRANSPORTATION SYSTEM
FLIGHTS
SPACE TUGS
SPACELAB
SYNCOM 4 SATELLITE
TRANSPORTATION

SPACE TRANSPORTATION SYSTEM FLIGHTS

UF OFT
ORBITAL FLIGHT TESTS (SHUTTLE)
SPACE SHUTTLE ORBITAL FLIGHT
TESTS
GS SPACE SHUTTLE ORBITAL FLIGHTS
FLIGHT TESTS
.. SPACE TRANSPORTATION SYSTEM
FLIGHTS
.. SPACE TRANSPORTATION SYSTEM 1
FLIGHT
.. SPACE TRANSPORTATION SYSTEM 2
FLIGHT
.. SPACE TRANSPORTATION SYSTEM 3
FLIGHT
.. SPACE TRANSPORTATION SYSTEM 4
FLIGHT
.. SPACE TRANSPORTATION SYSTEM 5
FLIGHT
.. SPACE TRANSPORTATION SYSTEM 6
FLIGHT
.. SPACE TRANSPORTATION SYSTEM 7
FLIGHT
.. SPACE TRANSPORTATION SYSTEM 8
FLIGHT
.. SPACE TRANSPORTATION SYSTEM 9
FLIGHT
.. SPACE TRANSPORTATION SYSTEM 10
FLIGHT
.. SPACE TRANSPORTATION SYSTEM 11
FLIGHT
.. SPACE TRANSPORTATION SYSTEM 12
FLIGHT
.. SPACE TRANSPORTATION SYSTEM 15
FLIGHT
RT ENTRY GUIDANCE (STS)
GEOPHYSICAL FLUID FLOW CELLS
SOLAR CELL CALIBRATION FACILITY
SPACE FLIGHT
SPACE SHUTTLE ASCENT STAGE
SPACE SHUTTLE MAIN ENGINE
SPACE SHUTTLES
SPACE TRANSPORTATION SYSTEM
∞ TESTS

SPACE TRANSPORTATION SYSTEM 1 FLIGHT

UF OFT 1
ORBITAL FLIGHT TEST 1 (SHUTTLE)
SPACE SHUTTLE ORBITAL FLIGHT TEST
1
GS STS-1
FLIGHT TESTS
.. SPACE TRANSPORTATION SYSTEM
FLIGHTS
.. SPACE TRANSPORTATION SYSTEM 1
FLIGHT

SPACE TRANSPORTATION SYSTEM 2 FLIGHT

UF OFT 2
ORBITAL FLIGHT TEST 2 (SHUTTLE)
SPACE SHUTTLE ORBITAL FLIGHT TEST
2
GS STS-2
FLIGHT TESTS
.. SPACE TRANSPORTATION SYSTEM
FLIGHTS
.. SPACE TRANSPORTATION SYSTEM 2
FLIGHT

SPACE TRANSPORTATION SYSTEM 3 FLIGHT

UF OFT 3
ORBITAL FLIGHT TEST 3 (SHUTTLE)
SPACE SHUTTLE ORBITAL FLIGHT TEST
3
GS STS-3
FLIGHT TESTS
.. SPACE TRANSPORTATION SYSTEM
FLIGHTS
.. SPACE TRANSPORTATION SYSTEM 3
FLIGHT

SPACE TRANSPORTATION SYSTEM 4 FLIGHT

UF OFT 4
ORBITAL FLIGHT TEST 4 (SHUTTLE)
SPACE SHUTTLE ORBITAL FLIGHT TEST
4
GS STS-4
FLIGHT TESTS
.. SPACE TRANSPORTATION SYSTEM
FLIGHTS
.. SPACE TRANSPORTATION SYSTEM 4
FLIGHT

SPACE TRANSPORTATION SYSTEM 5 FLIGHT

UF STS-5
FLIGHT TESTS
GS .. SPACE TRANSPORTATION SYSTEM
FLIGHTS
.. SPACE TRANSPORTATION SYSTEM 5
FLIGHT

SPACE TRANSPORTATION SYSTEM 6 FLIGHT

UF STS-6
FLIGHT TESTS
GS .. SPACE TRANSPORTATION SYSTEM
FLIGHTS
.. SPACE TRANSPORTATION SYSTEM 6
FLIGHT

SPACE TRANSPORTATION SYSTEM 7 FLIGHT

UF SPACE SHUTTLE ORBITAL FLIGHT 7
STS-7
GS FLIGHT TESTS
.. SPACE TRANSPORTATION SYSTEM
FLIGHTS
.. SPACE TRANSPORTATION SYSTEM 7
FLIGHT

SPACE TRANSPORTATION SYSTEM 8 FLIGHT

UF SPACE SHUTTLE ORBITAL FLIGHT 8
STS-8
GS FLIGHT TESTS
.. SPACE TRANSPORTATION SYSTEM
FLIGHTS
.. SPACE TRANSPORTATION SYSTEM 8
FLIGHT

SPACE TRANSPORTATION SYSTEM 9 FLIGHT

UF SPACE SHUTTLE ORBITAL FLIGHT 9
STS-9
GS FLIGHT TESTS
.. SPACE TRANSPORTATION SYSTEM
FLIGHTS
.. SPACE TRANSPORTATION SYSTEM 9
FLIGHT

SPACE TRANSPORTATION SYSTEM 10 FLIGHT

UF SPACE SHUTTLE ORBITAL FLIGHT 10
STS-10
GS FLIGHT TESTS
.. SPACE TRANSPORTATION SYSTEM
FLIGHTS
.. SPACE TRANSPORTATION SYSTEM
10 FLIGHT

SPACE TRANSPORTATION SYSTEM 11 FLIGHT

UF SPACE SHUTTLE ORBITAL FLIGHT 11
STS-11
GS FLIGHT TESTS
.. SPACE TRANSPORTATION SYSTEM
FLIGHTS
.. SPACE TRANSPORTATION SYSTEM
11 FLIGHT

SPACE TRANSPORTATION SYSTEM 12 FLIGHT

UF SPACE SHUTTLE ORBITAL FLIGHT 12
STS-12
GS FLIGHT TESTS
.. SPACE TRANSPORTATION SYSTEM
FLIGHTS
.. SPACE TRANSPORTATION SYSTEM
12 FLIGHT

SPACE TRANSPORTATION SYSTEM 15 FLIGHT

GS FLIGHT TESTS
.. SPACE TRANSPORTATION SYSTEM
FLIGHTS

SPACE TUGS

RT INERTIAL UPPER STAGE
MODULES
ORBIT TRANSFER VEHICLES
ORBITAL SERVICING
PAYLOAD TRANSFER
PAYLOADS
PROPULSION
SPACE TRANSPORTATION SYSTEM
SPACECRAFT PROPULSION

SPACE VEHICLE CHECKOUT PROGRAM

UF SPACECRAFT PRELAUNCH TESTS
RT CHECKOUT
COUNTDOWN
PERFORMANCE TESTS
PREFIRING TESTS
∞ TESTS

SPACE VEHICLE CONTROL

USE SPACECRAFT CONTROL

SPACE VEHICLES

USE SPACECRAFT

SPACE WEAPONS

GS WEAPONS
.. SPACE WEAPONS
.. LASER WEAPONS
RT AIR TO AIR MISSILES
ANTIMISSILE MISSILES
CHAPARRAL MISSILE
MINUTEMAN ICBM
NUCLEAR WEAPONS
SURFACE TO AIR MISSILES
WEAPON SYSTEMS
WEAPONS DELIVERY

SPACE-TIME CONTINUUM

USE RELATIVITY

SPACE-TIME FUNCTIONS

UF SPACE-TIME METRIC
GS FUNCTIONS (MATHEMATICS)
.. SPACE-TIME FUNCTIONS
RT MINKOWSKI SPACE
NAKED SINGULARITIES
RELATIVITY
YANG-MILLS THEORY

SPACE-TIME METRIC

USE SPACE-TIME FUNCTIONS

SPACEBORNE ASTRONOMY

GS ASTRONOMY
.. SPACEBORNE ASTRONOMY
RT COSMIC BACKGROUND EXPLORER
SATELLITE
FAINT OBJECT CAMERA
IUE
LARGE SPACE TELESCOPE
SAS-2
SAS-3
STARSAT TELESCOPE
TELESCOPES
ULTRAVIOLET TELESCOPES

SPACEBORNE EXPERIMENTS

GS PAYLOADS
.. SPACE SHUTTLE PAYLOADS
.. SPACEBORNE EXPERIMENTS
.. ATMOSPHERIC GENERAL
CIRCULATION EXPERIMENT
.. EARTH RADIATION BUDGET
EXPERIMENT
.. PHYSICS AND CHEMISTRY
EXPERIMENT IN SPACE
.. PLASMA INTERACTION EXPERIMENT
RT AEROSPACE ENVIRONMENTS
EXPERIMENTATION
GEOPHYSICAL FLUID FLOW CELLS
MOLECULAR SHIELDS
OSS-1 PAYLOAD
OSTA-1 PAYLOAD
PAYLOAD ASSIST MODULE
PAYLOAD INTEGRATION PLAN
PAYLOADS
SPACE LABORATORIES

SPACEBORNE PHOTOGRAPHY

SPACEBORNE EXPERIMENTS-(CONT.)

SPACE MANUFACTURING
SPACE PROCESSING
SPACELAB
WEIGHTLESSNESS
X RAY ASTROPHYSICS FACILITY

SPACEBORNE PHOTOGRAPHY

UF SPACE PHOTOGRAPHY
GS IMAGERY
 . SPACEBORNE PHOTOGRAPHY
 . . SATELLITE-BORNE PHOTOGRAPHY
 PHOTOGRAPHY
 . SPACEBORNE PHOTOGRAPHY
 . . SATELLITE-BORNE PHOTOGRAPHY
RT AERIAL PHOTOGRAPHY
ASTRONOMICAL PHOTOGRAPHY
BLACK AND WHITE PHOTOGRAPHY
CLOUD PHOTOGRAPHS
CLOUD PHOTOGRAPHS
DIFFRACTION LIMITED CAMERAS
EARTH RESOURCES
LUNAR PHOTOGRAPHS
LUNAR PHOTOGRAPHY
MARS PHOTOGRAPHS
MULTISPECTRAL BAND SCANNERS
PHOTOMAPPING
PHOTOMAPS
ROCKET-BORNE PHOTOGRAPHY
SATELLITE OBSERVATION

SPACEBORNE TELESCOPES

GS TELESCOPES
 . SPACEBORNE TELESCOPES
 . . LARGE SPACE TELESCOPE
 . . LIRTS (TELESCOPE)
 . . STARSAT TELESCOPE
RT ASTRONOMICAL OBSERVATORIES
ASTRONOMICAL PHOTOGRAPHY
ASTRONOMICAL TELESCOPES
ASTRONOMY
DIFFRACTION LIMITED CAMERAS
FAINT OBJECT CAMERA
OPTICAL TRANSFER FUNCTION

SPACECRAFT

SN *(USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)*
UF SPACE VEHICLES
RT ADVANCED RECONN ELECTRIC
 SPACECRAFT
 AEROSPACE VEHICLES
 ASTRO VEHICLE
 ASTRODYNAMICS
 AUXILIARY PROPULSION
 BIOSATELLITES
 CARGO SPACECRAFT
 CHINESE SPACECRAFT
 CZECHOSLOVAKIAN SPACECRAFT
 DUAL SPIN SPACECRAFT
 EARTH SATELLITES
 ESA SPACECRAFT
 ESCAPE ROCKETS
 EXPANDABLE STRUCTURES
 FLEXIBLE SPACECRAFT
 FLIGHT TEST VEHICLES
 FRENCH SPACE PROGRAMS
 GALILEO PROBE
 GALILEO SPACECRAFT
 GROUND SUPPORT EQUIPMENT
 HYPERSONIC VEHICLES
 INDIAN SPACE PROGRAM
 INDIAN SPACECRAFT
 INFLATABLE SPACECRAFT
 INTERPLANETARY SPACECRAFT
 JAPANESE SPACE PROGRAM
 LAUNCH VEHICLES
 LUNAR SPACECRAFT
 MANEUVERABLE SPACECRAFT
 MANNED ORBITAL RESEARCH
 LABORATORIES
 MANNED SPACECRAFT
 MARK 1 SPACECRAFT
 MILITARY SPACECRAFT
 ORBIT TRANSFER VEHICLES
 ORBITING LUNAR STATIONS
 OUTER PLANETS EXPLORERS
 PHAETON SPACE VEHICLE
 PHOTO RECONNAISSANCE SPACECRAFT
 PIONEER VENUS 2 SPACECRAFT
 POWER LIMITED SPACECRAFT
 RADIATION METEOROID SPACECRAFT
 RECOVERABLE SPACECRAFT
 REENTRY VEHICLES

SPACECRAFT-(CONT.)

RESEARCH VEHICLES
SATELLITES
SATELLOIDS
SERT 1 SPACECRAFT
SERT 2 SPACECRAFT
SOFT LANDING SPACECRAFT
SOLAR MAXIMUM MISSION-A
SOLETTAS
SOVIET SPACECRAFT
SPACE CAPSULES
SPACE DEBRIS
SPACE LABORATORIES
SPACE MISSIONS
SPACE SHUTTLE ORBITER 101
SPACE SHUTTLES
SPACECRAFT CABIN SIMULATORS
SPACECRAFT MODULES
TECHNOLOGY FEASIBILITY SPACECRAFT
TEST VEHICLES
TOPS (SPACECRAFT)
UNIDENTIFIED FLYING OBJECTS
UNMANNED SPACECRAFT
VIKING ORBITER SPACECRAFT
VIKING ORBITER 1
VIKING ORBITER 2
VOYAGER 1 SPACECRAFT
VOYAGER 2 SPACECRAFT

SPACECRAFT ANTENNAS

GS ANTENNAS
 . SPACECRAFT ANTENNAS
 RADIO EQUIPMENT
 . SPACECRAFT ANTENNAS
TELECOMMUNICATION
RT FURLABLE ANTENNAS

SPACECRAFT CABIN ATMOSPHERES

GS CONTROLLED ATMOSPHERES
 . CABIN ATMOSPHERES
 . . SPACECRAFT CABIN ATMOSPHERES
RT CARBON DIOXIDE CONCENTRATION
CLOSED ECOLOGICAL SYSTEMS
COCKPITS
ENVIRONMENTAL CONTROL
HIGH PRESSURE OXYGEN
PRESSURIZED CABINS
REBREATHING

SPACECRAFT CABIN SIMULATORS

GS SIMULATORS
 . TRAINING SIMULATORS
 . . SPACECRAFT CABIN SIMULATORS
RT AEROSPACE ENVIRONMENTS
COCKPIT SIMULATORS
MANNED SPACECRAFT
SIMULATION
SPACE FLIGHT TRAINING
SPACE LOGISTICS
SPACECRAFT
TEST FACILITIES

SPACECRAFT CABINS

GS COMPARTMENTS
 . SPACECRAFT CABINS
SPACECRAFT COMPONENTS
 . SPACECRAFT CABINS
RT CABINS
 COCKPITS
 CREW EXPERIMENT STATIONS
 CREW OBSERVATION STATIONS
 CREW STATIONS
 CREW WORK STATIONS
 PRESSURIZED CABINS
 SPACE CAPSULES

SPACECRAFT CHARGING

RT ELECTRIC FIELDS
EXTERNAL SURFACE CURRENTS
SYSTEM GENERATED
ELECTROMAGNETIC PULSES

SPACECRAFT COMMUNICATION

SN (COMMUNICATION OF SPACECRAFT
WITH GROUND OR OTHER
SPACECRAFT)
UF SATELLITE COMMUNICATION
GS TELECOMMUNICATION
 . SPACE COMMUNICATION
 . . SPACECRAFT COMMUNICATION
 . . . REENTRY COMMUNICATION
RT ARPA COMPUTER NETWORK
ASTRONICS
CIRCUMLUNAR COMMUNICATION

SPACECRAFT COMMUNICATION-(CONT.)

EARTH TERMINALS
FACSIMILE COMMUNICATION
GROUND-AIR-GROUND COMMUNICATION
INTERPLANETARY COMMUNICATION
LUNAR COMMUNICATION
OPTICAL COMMUNICATION
PACKET TRANSMISSION
RADIO COMMUNICATION
SATELLITE COMMUNICATIONS SHIPS
SATELLITE GROUND SUPPORT
SINGLE CHANNEL PER CARRIER
TRANSMISSION
SYSTEM GENERATED
ELECTROMAGNETIC PULSES
UNIFIED S BAND
WIRELESS COMMUNICATION

SPACECRAFT COMPONENTS

GS SPACECRAFT COMPONENTS
 . APOLLO LUNAR EXPERIMENT MODULE
 . COMMAND MODULES
 . SERVICE MODULES
 . SPACECRAFT CABINS
 . SPACECRAFT DOCKING MODULES
 . SPACECRAFT MODULES
RT AIRBORNE/SPACEBORNE COMPUTERS
BORON-EPOXY COMPOUNDS
COMMONALITY (EQUIPMENT)
COMPONENTS
NOSE CONES
ROCKET ENGINES

SPACECRAFT CONFIGURATIONS

GS SPACECRAFT CONFIGURATIONS
 . APOLLO TELESCOPE MOUNT
 . SATELLITE CONFIGURATIONS
RT AERODYNAMIC CONFIGURATIONS
AIRCRAFT CONFIGURATIONS
APOLLO SHORT STACK
CONFIGURATIONS
FLARED BODIES
LAUNCH VEHICLE CONFIGURATIONS
PROPULSION SYSTEM CONFIGURATIONS
RADIATION METEOROID SPACECRAFT
REENTRY VEHICLES
UPPER STAGE ROCKET ENGINES

SPACECRAFT CONSTRUCTION MATERIALS

RT CONSTRUCTION MATERIALS
LUDOX (TRADEMARK)

SPACECRAFT CONTAMINATION

GS CONTAMINATION
 . SPACECRAFT CONTAMINATION
RT DECONTAMINATION
EXO BIOLOGY

SPACECRAFT CONTROL

UF SPACE VEHICLE CONTROL
GS SPACECRAFT CONTROL
 . SATELLITE CONTROL
 . . SATELLITE ATTITUDE CONTROL
RT ATTITUDE CONTROL
AUTOMATIC CONTROL
CONTROL
CONTROL SIMULATION
CREW PROCEDURES (PREFLIGHT)
ENGINE CONTROL
FLEXIBLE SPACECRAFT
FLIGHT CONTROL
FLY BY WIRE CONTROL
GROUND BASED CONTROL
MANUAL CONTROL
MARQUARDT R4D ENGINE
MISSILE CONTROL
POINTING CONTROL SYSTEMS
RADIO CONTROL
REMOTE CONTROL
ROCKET ENGINE CONTROL
SHAPE CONTROL
STATIONKEEPING
THRUST VECTOR CONTROL
VISUAL CONTROL

SPACECRAFT DEFENSE

UF SATELLITE DEFENSE
RT SPACECRAFT SURVIVABILITY
VULNERABILITY

SPACECRAFT DESIGN

GS SPACECRAFT DESIGN
 . IPAD
 . SATELLITE DESIGN
RT COMPUTERIZED DESIGN

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SPACECRAFT DESIGN-(CONT.)

∞ DESIGN
ENGINE DESIGN
INDIAN SPACE PROGRAM
JAPANESE SPACE PROGRAM
LOFTING
MARS 3 SPACECRAFT
PRODUCT DEVELOPMENT
SATELLITE TEMPERATURE
SPACE DEBRIS
STRUCTURAL DESIGN
SYSTEMS ENGINEERING
WEIGHT REDUCTION

SPACECRAFT DOCKING

UF DOCKING
GS MANEUVERS
RT ∞ SPACECRAFT DOCKING
∞ ASTRONAUTICS
INTERCEPTION
MOORING
MULTIPLE DOCKING ADAPTERS
ORBITAL RENDEZVOUS
ORBITAL SPACE STATIONS
RENDEZVOUS TRAJECTORIES
SALYUT SPACE STATION
TRANSFER ORBITS

SPACECRAFT DOCKING MODULES

GS MODULES
SPACECRAFT DOCKING MODULES
SPACECRAFT COMPONENTS
RT SPACECRAFT DOCKING MODULES
AIRLOCK MODULES
COMMAND MODULES
COMMAND SERVICE MODULES
LANDING MODULES
SERVICE MODULES

SPACECRAFT ELECTRONIC EQUIPMENT

GS ELECTRONIC EQUIPMENT
SPACECRAFT ELECTRONIC EQUIPMENT
ONBOARD EQUIPMENT
SPACECRAFT ELECTRONIC EQUIPMENT
RT AIRBORNE/SPACEBORNE COMPUTERS
ASTRONICS

SPACECRAFT ENVIRONMENTS

GS ENVIRONMENTS
SPACECRAFT ENVIRONMENTS
RT AEROSPACE MEDICINE
ASTRONAUTS
BIOASTRONAUTICS
CLOSED ECOLOGICAL SYSTEMS
CONTROLLED ATMOSPHERES
COSMONAUTS
COUCHES
ENVIRONMENTAL CONTROL
EXO BIOLOGY
EXTRATERRESTRIAL ENVIRONMENTS
GRAVITATION
INTRAVEHICULAR ACTIVITY
LANGLEY COMPLEX COORDINATOR
LIFE SUPPORT SYSTEMS
ROTATING ENVIRONMENTS
SATELLITE TEMPERATURE
THERMAL ENVIRONMENTS
WEIGHTLESSNESS

SPACECRAFT GUIDANCE

GS GUIDANCE (MOTION)
SPACECRAFT GUIDANCE
SATELLITE GUIDANCE
RT AUTOMATIC CONTROL
CCD STAR TRACKER
CELESTIAL NAVIGATION
COMMAND GUIDANCE
GROUND BASED CONTROL
INERTIAL GUIDANCE
INJECTION GUIDANCE
INTERPLANETARY FLIGHT
INTERPLANETARY TRAJECTORIES
LASER GYROSCOPES
MANUAL CONTROL
MIDCOURSE GUIDANCE
ORBITS
REENTRY GUIDANCE
RENDEZVOUS GUIDANCE
SPACE FLIGHT
SPACE NAVIGATION
STAR TRACKERS
TERMINAL GUIDANCE

SPACECRAFT INSTRUMENTS

UF SPACECRAFT SENSORS
GS SPACECRAFT INSTRUMENTS
LASER ALTIMETERS
SATELLITE INSTRUMENTS
MULTISPECTRAL LINEAR ARRAYS
SPACECRAFT POSITION INDICATORS
RT ASTRONICS
ATMOSPHERIC CLOUD PHYSICS LAB (SPACELAB)
AUTONOMOUS SPACECRAFT CLOCKS
BUBBLE TECHNIQUE
FLIGHT INSTRUMENTS
FLIGHT TEST INSTRUMENTS
GUIDANCE SENSORS
INSTRUMENT PACKAGES
INSTRUMENTS
I2S CAMERAS
MEASURING INSTRUMENTS
ONBOARD EQUIPMENT

SPACECRAFT LANDING

GS LANDING
SPACECRAFT LANDING
HORIZONTAL SPACECRAFT LANDING
LUNAR LANDING
MARS LANDING
PLANETARY LANDING
RT AIRCRAFT LANDING
APPROACH AND LANDING TESTS (STS)
CRASH LANDING
GLIDE LANDINGS
HARD LANDING
LANDING SIMULATION
SOFT LANDING
SOFT LANDING SPACECRAFT
TERMINAL AREA ENERGY MANAGEMENT
TOUCHDOWN
VERTICAL LANDING
WATER LANDING

SPACECRAFT LAUNCHING

UF SATELLITE LAUNCHING
GS LAUNCHING
SPACECRAFT LAUNCHING
RT COUNTDOWN
HEAVY LIFT LAUNCH VEHICLES
LAUNCH DATES
LAUNCH VEHICLES
LAUNCH WINDOWS
LAUNCHING PADS
MISSILES
ORBITAL LAUNCHING
ORBITAL SHOTS
POSTLAUNCH REPORTS
PRELAUNCH SUMMARIES
RAILGUN ACCELERATORS
REUSABLE LAUNCH VEHICLES
ROCKET LAUNCHING
SPACE SHUTTLE ASCENT STAGE

SPACECRAFT LUBRICATION

UF SPACE ENVIRONMENTAL LUBRICATION
GS LUBRICATION
SPACECRAFT LUBRICATION
RT SELF LUBRICATING MATERIALS

SPACECRAFT MANEUVERS

UF SATELLITE MANEUVERS
GS MANEUVERS
SPACECRAFT MANEUVERS
ORBITAL MANEUVERS
RT CONTROL SIMULATION
MANEUVERABILITY
MANEUVERABLE SPACECRAFT
SPACE FLIGHT

SPACECRAFT MODELS

GS MODELS
SPACECRAFT MODELS
RT AIRCRAFT MODELS
DYNAMIC MODELS
MATHEMATICAL MODELS
SCALE MODELS

SPACECRAFT MODULES

GS MODULES
SPACECRAFT MODULES
LANDING MODULES
LUNAR LANDING MODULES
LUNAR MODULE
LSSM
MARS EXCURSION MODULE
SIM
SPACECRAFT COMPONENTS

SPACECRAFT PRELAUNCH TESTS

SPACECRAFT MODULES-(CONT.)

RT SPACECRAFT MODULES
COMMAND MODULES
COMPARTMENTS
ORBITAL ASSEMBLY
SERVICE MODULES
SPACE CAPSULES
SPACE ERECTABLE STRUCTURES

SPACECRAFT MOTION

SN (NONTRAJECTORY MOTION)
RT AERODYNAMIC BALANCE
AERODYNAMIC STABILITY
ATTITUDE STABILITY
BUFFETING
CONTROL STABILITY
DYNAMIC STABILITY
FLEXIBLE SPACECRAFT
FLUTTER
MOTION
MOTION STABILITY
OSCILLATIONS
SIDESLIP
STABILITY
TUMBLING MOTION
VIBRATION

SPACECRAFT ORBITAL ASSEMBLY

USE ORBITAL ASSEMBLY

SPACECRAFT ORBITS

GS ORBITS
SPACECRAFT ORBITS
SATELLITE ORBITS
GEOSYNCHRONOUS ORBITS
PARKING ORBITS
POLAR ORBITS
STATIONARY ORBITS
TWENTY-FOUR HOUR ORBITS
TRANSFER ORBITS
INTERPLANETARY TRANSFER ORBITS
TROJAN ORBITS
RT CIRCULAR ORBITS
EARTH ORBITS
ELLIPTICAL ORBITS
EQUATORIAL ORBITS
LUNAR ORBITS
ORBITAL MECHANICS
ORBITAL POSITION ESTIMATION
PLANETARY ORBITS
SOLAR ORBITS

SPACECRAFT PERFORMANCE

RT ASTRONAUT PERFORMANCE
∞ PERFORMANCE
POSTLAUNCH REPORTS

SPACECRAFT POSITION INDICATORS

GS AIRCRAFT INSTRUMENTS
POSITION INDICATORS
SPACECRAFT POSITION INDICATORS
DISPLAY DEVICES
POSITION INDICATORS
SPACECRAFT POSITION INDICATORS
MEASURING INSTRUMENTS
INDICATING INSTRUMENTS
POSITION INDICATORS
SPACECRAFT POSITION INDICATORS
SPACECRAFT INSTRUMENTS
SPACECRAFT POSITION INDICATORS
RT FLIGHT INSTRUMENTS
HEAD-UP DISPLAYS
ORBITAL POSITION ESTIMATION
SPACE NAVIGATION

SPACECRAFT POWER SUPPLIES

GS ELECTRIC POWER SUPPLIES
SPACECRAFT POWER SUPPLIES
RT AUXILIARY POWER SOURCES
CRYOCYCLE PRINCIPLE
DIRECT POWER GENERATORS
ELECTRIC BATTERIES
∞ ENERGY SOURCES
NICKEL HYDROGEN BATTERIES
NUCLEAR AUXILIARY POWER UNITS
POWER MODULES (STS)
∞ POWER SUPPLIES
PROPELLANTS

SPACECRAFT PRELAUNCH TESTS

USE SPACE VEHICLE CHECKOUT PROGRAM

SPACECRAFT PROPULSION

SPACECRAFT PROPULSION
 GS PROPULSION
 . **SPACECRAFT PROPULSION**
 . . ELECTROMAGNETIC PROPULSION
 . . . MASS DRIVERS (PAYLOAD DELIVERY)
 . . . ELECTROSTATIC PROPULSION
 . . . ION PROPULSION
 . . . PHOTONIC PROPULSION
 . . . PLASMA PROPULSION
 . . . SOLAR PROPULSION
 SOLAR ELECTRIC PROPULSION
 SOLAR THERMAL PROPULSION
 RT CHEMICAL PROPULSION
 DESCENT PROPULSION SYSTEMS
 ELECTRIC PROPULSION
 LASER PROPULSION
 LOW THRUST PROPULSION
 MAGNETOPLASMA DYNAMICS
 NUCLEAR ELECTRIC PROPULSION
 NUCLEAR PROPULSION
 POST BOOST PROPULSION SYSTEM
 PROPELLANTS
 ROCKET ENGINES
 ROVER PROJECT
 SOLAR SAILS
 SPACE FLIGHT
 SPACE TUGS

SPACECRAFT RADIATORS
 UF SPACE RADIATORS
 GS HEAT RADIATORS
 . **SPACECRAFT RADIATORS**
 RT CONDENSERS (LIQUIFIERS)
 COOLING
 COOLING SYSTEMS
 RADIATIVE HEAT TRANSFER
 SOLAR REFLECTORS

SPACECRAFT RECOVERY
 UF SATELLITE CAPTURE
 SNATCHING
 RT BOOSTER RECOVERY
 DISCOVERER RECOVERY CAPSULES
 RECOVERABLE SPACECRAFT
 ∞ RECOVERY
 RECOVERY PARACHUTES
 RECOVERY ZONES
 RESCUE OPERATIONS
 REUSABLE LAUNCH VEHICLES
 SPACE SHUTTLE ORBITERS
 SPACE SHUTTLES
 WATER LANDING

SPACECRAFT REENTRY
 GS ATMOSPHERIC ENTRY
 . REENTRY
 . . **SPACECRAFT REENTRY**
 . . . UNCONTROLLED REENTRY (SPACECRAFT)
 SPACE FLIGHT
 . **SPACECRAFT REENTRY**
 RT EARTH-VENUS TRAJECTORIES
 ENTRY GUIDANCE (STS)
 FLIGHT MECHANICS
 HYPERSONIC REENTRY
 LIFTING REENTRY VEHICLES
 MANNED REENTRY
 RETURN TO EARTH SPACE FLIGHT
 SATELLITE LIFETIME

SPACECRAFT RELIABILITY
 GS RELIABILITY
 . **SPACECRAFT RELIABILITY**
 RT CIRCUIT RELIABILITY
 COMPONENT RELIABILITY
 CONTROLLABILITY
 PRELAUNCH PROBLEMS
 QUALITY CONTROL

SPACECRAFT RENDEZVOUS
 USE SPACE RENDEZVOUS

SPACECRAFT SENSORS
 USE SPACECRAFT INSTRUMENTS

SPACECRAFT SHIELDING
 GS SHIELDING
 . **SPACECRAFT SHIELDING**
 RT HEAT SHIELDING
 ∞ INSULATED STRUCTURES
 METEOROID PROTECTION
 NOSE CONES
 RADIATION SHIELDING
 RADIO FREQUENCY SHIELDING

SPACECRAFT SHIELDING-(CONT.)
 REENTRY SHIELDING
 REUSABLE HEAT SHIELDING
 SAFETY DEVICES
 SOLAR RADIATION SHIELDING

SPACECRAFT STABILITY
 UF SATELLITE ATTITUDE DISTURBANCE
 GS DYNAMIC CHARACTERISTICS
 . DYNAMIC STABILITY
 . . MOTION STABILITY
 . . . **SPACECRAFT STABILITY**
 STABILITY
 . DYNAMIC STABILITY
 . . MOTION STABILITY
 . . . **SPACECRAFT STABILITY**
 RT AERODYNAMIC BALANCE
 AERODYNAMIC STABILITY
 ATTITUDE STABILITY
 BUFFETING
 CONTROL STABILITY
 COUNTERBALANCES
 DIRECTIONAL STABILITY
 DISCOS (SATELLITE ATTITUDE CONTROL)
 DUAL SPIN SPACECRAFT
 LATERAL STABILITY
 LIQUID SLOSHING
 LONGITUDINAL STABILITY
 LOW SPEED STABILITY
 NUTATION DAMPERS
 SATELLITE PERTURBATION
 TUMBLING MOTION
 WIND TUNNEL STABILITY TESTS

SPACECRAFT STERILIZATION
 GS STERILIZATION
 . **SPACECRAFT STERILIZATION**
 RT CHEMICAL STERILIZATION
 EXOBIOLOGY
 PLANETARY QUARANTINE
 PURIFICATION
 STERILIZATION EFFECTS

SPACECRAFT STRUCTURES
 RT AIRCRAFT STRUCTURES
 FOLDING STRUCTURES
 FUEL TANKS
 MARS 3 SPACECRAFT
 METEOROID PROTECTION
 ORBITAL ASSEMBLY
 ROCKET ENGINES
 SATELLITE DESIGN
 SPACE ERECTABLE STRUCTURES
 STRUCTURAL DESIGN
 ∞ STRUCTURES

SPACECRAFT SURVIVABILITY
 RT AIRCRAFT SURVIVABILITY
 SPACECRAFT DEFENSE
 SURVIVAL
 UNCONTROLLED REENTRY (SPACECRAFT)
 VULNERABILITY

SPACECRAFT TELEVISION
 GS COMMUNICATION EQUIPMENT
 . **SPACECRAFT TELEVISION**
 . . DIGITAL SPACECRAFT TELEVISION
 . . . RANGER BLOCK 3 TELEVISION SYSTEM
 . . . SATELLITE TELEVISION
 TELECOMMUNICATION
 . **SPACECRAFT TELEVISION**
 . . DIGITAL SPACECRAFT TELEVISION
 . . . SATELLITE TELEVISION
 TELEVISION SYSTEMS
 . **SPACECRAFT TELEVISION**
 . . DIGITAL SPACECRAFT TELEVISION
 . . . RANGER BLOCK 3 TELEVISION SYSTEM
 . . . SATELLITE TELEVISION
 RT COLOR TELEVISION
 SATELLITE TRANSMISSION
 STEREOTELEVISION
 TELEVISION TRANSMISSION

SPACECRAFT TRACKING
 GS TRACKING (POSITION)
 . **SPACECRAFT TRACKING**
 . . SATELLITE TRACKING
 . . . SATELLITE-TO-SATELLITE TRACKING
 RT ADVANCED RANGE INSTRUMENTATION
 SHIP
 DEEP SPACE NETWORK

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SPACECRAFT TRACKING-(CONT.)
 EDITAR SYSTEM
 . MINITRACK SYSTEM
 MISSILE TRACKING
 OPTICAL TRACKING
 POLYSTATION DOPPLER TRACKING SYSTEM
 RADAR TRACKING
 RADIO TRACKING
 SPACE DETECTION AND TRACKING SYSTEM
 SPACE SURVEILLANCE (GROUND BASED)
 SPACE SURVEILLANCE (SPACEBORNE)
 TRACKING NETWORKS
 TRACKING STATIONS
 TRANSPONDER CONTROL GROUP
 UNIFIED S BAND

SPACECRAFT TRACKING AND DATA NETWORK
 USE STDN (NETWORK)

SPACECRAFT TRAJECTORIES
 GS TRAJECTORIES
 . **SPACECRAFT TRAJECTORIES**
 . . EARTH-VENUS TRAJECTORIES
 . . . INTERPLANETARY TRAJECTORIES
 . . . EARTH-MARS TRAJECTORIES
 . . . EARTH-MERCURY TRAJECTORIES
 . . . LUNAR TRAJECTORIES
 . . . CIRCUMLUNAR TRAJECTORIES
 . . . EARTH-MOON TRAJECTORIES
 . . . MOON-EARTH TRAJECTORIES
 RT ASCENT TRAJECTORIES
 DESCENT TRAJECTORIES
 EARTH ORBITAL RENDEZVOUS
 FLIGHT MECHANICS
 GODDARD TRAJECTORY
 DETERMINATION SYSTEM
 HYPERBOLIC TRAJECTORIES
 INTERORBITAL TRAJECTORIES
 LUNAR ORBITAL RENDEZVOUS
 ∞ MOTION
 ORBITAL RENDEZVOUS
 RADIO OCCULTATION
 REENTRY TRAJECTORIES
 RENDEZVOUS TRAJECTORIES
 ROUND TRIP TRAJECTORIES

SPACECREW TRANSFER
 UF INTERVEHICLE SPACECREW TRANSFER
 RT APOLLO SOYUZ TEST PROJECT
 COMMAND MODULES
 MANNED SPACE FLIGHT
 RENDEZVOUS SPACECRAFT
 SPACE LOGISTICS

SPACECREWS
 GS PERSONNEL
 . CREWS
 . . FLIGHT CREWS
 . . . **SPACECREWS**
 . . . FLYING PERSONNEL
 . . . FLIGHT CREWS
 . . . **SPACECREWS**
 RT ASTRONAUTS
 COSMONAUTS
 CREW EXPERIMENT STATIONS
 CREW OBSERVATION STATIONS
 CREW PROCEDURES (INFLIGHT)
 CREW PROCEDURES (PREFLIGHT)
 CREW STATIONS
 CREW WORK STATIONS

SPACELAB
 UF SORTIE CAN
 SORTIE LAB
 GS PAYLOADS
 . SPACE SHUTTLE PAYLOADS
 . . **SPACELAB**
 RT ADVANCED TECHNOLOGY LABORATORY
 ANNULAR SUSPENSION AND POINTING SYSTEM
 EXPOS (SPACELAB PAYLOAD)
 GEOPHYSICAL FLUID FLOW CELLS
 GRIST (TELESCOPE)
 LIRTS (TELESCOPE)
 NASA PROGRAMS
 OSTA-2 PAYLOAD
 SEPAC (PAYLOAD)
 SKYLAB PROGRAM
 SPACE SHUTTLES
 SPACE TRANSPORTATION SYSTEM
 SPACEBORNE EXPERIMENTS
 STARLAB

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SPATIAL MARCHING

SPACELAB PAYLOADS

GS PAYLOADS
 . SPACELAB PAYLOADS
 . . AMPS (SATELLITE PAYLOAD)
 . . ATMOSPHERIC GENERAL CIRCULATION EXPERIMENT
 . . GEOPHYSICAL FLUID FLOW CELLS
 . . SOLAR CELL CALIBRATION FACILITY
 RT ANNULAR SUSPENSION AND POINTING SYSTEM

SPACELAB SIMULATION FLIGHTS

USE ASSESS PROGRAM

SPACELAB UV-OPTICAL TELESCOPE FACILITY

USE STARLAB

SPACERS

RT BUSHINGS
 DIVIDERS
 FASTENERS
 INSERTS
 ISOLATORS
 SEPARATORS
 SPACING
 WASHERS (SPACERS)

SPACETENNAS

GS ANTENNAS
 . RADIO ANTENNAS
 . . MICROWAVE ANTENNAS
 . . . SPACETENNAS
 MICROWAVE EQUIPMENT
 . MICROWAVE ANTENNAS
 . . SPACETENNAS
 RT MICROWAVE TRANSMISSION RECTENNAS

SPACING

GS SPACING
 . AIRCRAFT APPROACH SPACING
 RT ALTITUDE CONTROL
 ATTITUDE CONTROL
 CLEARANCES
 INTERVALS
 ISOLATION
 POSITIONING
 ∞ SEPARATION
 SPACERS
 THICKNESS

SPADATS (TRACKING SYSTEM)

USE SPACE DETECTION AND TRACKING SYSTEM

SPAIN

RT ANDORRA
 EUROPE
 NATIONS
 PYRENEES MOUNTAINS (EUROPE)
 SPANISH SAHARA

SPALLATION

GS NUCLEAR RADIATION
 . SPALLATION
 NUCLEAR REACTIONS
 . SPALLATION
 RT PARTICLE PRODUCTION

SPALLING

RT CHIPPING
 FLAKING
 FRACTURING
 FRAGMENTATION
 NUCLEAR REACTIONS
 WEAR
 WEAR TESTS

∞ SPAN

SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)*
 RT ASPECT RATIO
 DIMENSIONS
 LIFE SPAN
 WIDTH
 WING SPAN

SPANISH SAHARA

RT AFRICA
 NATIONS
 SPAIN

SPANLOADER AIRCRAFT

GS TRANSPORT AIRCRAFT
 . CARGO AIRCRAFT
 . . SPANLOADER AIRCRAFT
 RT ∞ AIRCRAFT
 SUPERCRITICAL WINGS
 SWEEP WINGS

SPANWISE BLOWING

GS SPANWISE BLOWING
 . BLOWING
 RT CROSS FLOW
 EXTERNALLY BLOWN FLAPS
 JET FLOW
 LIFT AUGMENTATION
 PRESSURE DISTRIBUTION
 WING SPAN

SPAR (ROCKET)

USE SPACE PROCESSING APPLICATIONS ROCKET

SPARE PARTS

RT ∞ COMPONENTS
 DAMAGE ASSESSMENT
 DOWNTIME
 ENGINE PARTS
 INVENTORY MANAGEMENT
 LOGISTICS MANAGEMENT
 MAINTENANCE
 MODULES
 REDUNDANT COMPONENTS
 RETIREMENT FOR CAUSE

SPARK CHAMBERS

GS IONIZATION CHAMBERS
 . SPARK CHAMBERS
 MEASURING INSTRUMENTS
 . COUNTERS
 . . RADIATION COUNTERS
 . . . SPARK CHAMBERS
 . RADIATION MEASURING INSTRUMENTS
 . . RADIATION COUNTERS
 . . . SPARK CHAMBERS
 RT BUBBLE CHAMBERS
 ∞ CHAMBERS
 CLOUD CHAMBERS
 ELECTRIC SPARKS
 NEUTRON COUNTERS

SPARK DISCHARGES

USE ELECTRIC SPARKS

SPARK GAPS

GS GAPS
 . SPARK GAPS
 RT ARC GENERATORS
 DIELECTRICS
 ELECTRIC FIELDS
 ELECTRIC SPARKS
 ELECTRICAL FAULTS
 MULTIPACTOR DISCHARGES
 POTENTIAL GRADIENTS
 TRIGATRONs

SPARK IGNITION

GS IGNITION
 . SPARK IGNITION
 RT COMBUSTION
 ELECTRIC IGNITION
 ELECTRIC SPARKS
 EUDIOMETERS

SPARK MACHINING

UF ELECTROEROSION
 ELECTROSTATIC EROSION
 GS CUTTING
 . SPARK MACHINING
 MACHINING
 . SPARK MACHINING
 RT ELECTROFORMING
 EROSION
 METAL CUTTING
 PIERCING

SPARK PLUGS

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GS MISSILES
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SPARROW 2 MISSILE

GS MISSILES
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 . . SPARROW MISSILES
 . . . SPARROW 2 MISSILE
 RT SOLID PROPELLANT ROCKET ENGINES

SPARROW 3 MISSILE

GS MISSILES
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RADIATION SPECTRA
ELECTROMAGNETIC SPECTRA
GAMMA RAY SPECTRA
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D LINES
ELECTRONIC SPECTRA
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H ALPHA LINE
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K LINES
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PASCHEN SERIES
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RADIO SPECTRA
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SPECTRAL EMISSION
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CONTINUOUS SPECTRA
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- . SPECTRAL SENSITIVITY
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- INSTRUMENT ERRORS
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- RT ∞ CONTROL
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- GS NUCLEAR REACTORS
- . LIQUID COOLED REACTORS
- . . . WATER COOLED REACTORS
- . . . PRESSURIZED WATER REACTORS
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- . SPECTRAL SIGNATURES
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- SPECTROGRAMS
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- . . . ACTINOMETERS
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- SOLAR INSTRUMENTS
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- RT BLACK AND WHITE PHOTOGRAPHY
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- STARSAT TELESCOPE

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- UF SPECTROMETRY
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- GS MEASURING INSTRUMENTS
- . SPECTROMETERS
- . . . EBERT SPECTROMETERS
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- . . . GAMMA RAY SPECTROMETERS
- . . . INFRARED SPECTROMETERS
- FILTER WHEEL INFRARED
- SPECTROMETERS
- . . . LASER SPECTROMETERS
- . . . MASS SPECTROMETERS
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- INFRARED SPECTROSCOPY
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- RADIATION COUNTERS
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- SPECTRA
- SPECTRAL REFLECTANCE
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- GS MEASURING INSTRUMENTS
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- . . . SPECTROPHOTOMETERS
- . . . INFRARED SPECTROPHOTOMETERS
- . . . ULTRAVIOLET
- SPECTROPHOTOMETERS
- . RADIATION MEASURING INSTRUMENTS
- . . . ACTINOMETERS
- . . . SPECTROPHOTOMETERS
- INFRARED
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- . . . SPECTROPHOTOMETERS
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- GS OPTICAL MEASUREMENT
- . PHOTOMETRY
- . . . SPECTROPHOTOMETRY
- STELLAR SPECTROPHOTOMETRY
- SPECTROSCOPY
- . SPECTROPHOTOMETRY
- . . . STELLAR SPECTROPHOTOMETRY
- RT ASTRONOMICAL PHOTOMETRY
- COLORIMETRY
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- USE POLARIMETERS

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- GS MEASURING INSTRUMENTS
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- ELECTROPHOTOMETRY
- FRAUNHOFER LINE DISCRIMINATORS
- GAS SPECTROSCOPY
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- MAGNETIC SPECTROSCOPY
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- RAMAN SPECTROSCOPY
- SPECTROGRAPHS
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- SPECTROPHOTOMETRY
- ULTRAVIOLET SPECTROSCOPY
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- UF DIFFRACTION TELESCOPES
- GS OPTICAL EQUIPMENT
- . ASTRONOMICAL TELESCOPES
- . . . SPECTROSCOPIC TELESCOPES
- . . . MULTISPECTRAL TRACKING
- TELESCOPES
- . . . STRATOSCOPE TELESCOPES
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- . . . SPECTROSCOPIC TELESCOPES
- . . . MULTISPECTRAL TRACKING
- TELESCOPES
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- GS SPECTROSCOPY
- . ABSORPTION SPECTROSCOPY
- . . . OPTOGALVANIC SPECTROSCOPY
- . ASTRONOMICAL SPECTROSCOPY
- . AUGER SPECTROSCOPY
- . AURORAL SPECTROSCOPY
- . ELECTRON SPECTROSCOPY
- . GAS SPECTROSCOPY
- . . . FLAME SPECTROSCOPY
- . HOLOGRAPHIC SPECTROSCOPY
- . INFRARED SPECTROSCOPY
- . MAGNETIC SPECTROSCOPY
- . MASS SPECTROSCOPY
- . MOLECULAR SPECTROSCOPY
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- . . . LASER SPECTROSCOPY
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- . SPECTROPHOTOMETRY
- . . . STELLAR SPECTROPHOTOMETRY
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- . . . FLAME SPECTROSCOPY
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- RT CHEMICAL ANALYSIS
- CINESPECTROGRAPHS
- COLORIMETRY
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RT ABSORPTION SPECTRA
 ∞ ANALYZING
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GS REFLECTION
 . **SPECULAR REFLECTION**
RT DIFFUSE RADIATION
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GS **SPEECH**
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 . CONVERSATION
 . PHONEMES
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 . TALKING
 . . WORDS (LANGUAGE)
 . . . SYLLABLES
RT ACOUSTICS
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 LANGUAGES
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 SENTENCES
 SYNTAX
 VOICE
 VOICE COMMUNICATION

SPEECH BASEBAND COMPRESSION

GS COMPRESSING
 . **SPEECH BASEBAND COMPRESSION**
RT BANDWIDTH
 VERBAL COMMUNICATION
 VOCODERS
 VOICE COMMUNICATION
 WAVEFORMS

SPEECH DEFECTS

GS DEFECTS
 . **SPEECH DEFECTS**
RT ARTICULATION

SPEECH DEFECTS-(CONT.)

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SPEECH RECOGNITION

UF SPEECH DISCRIMINATION
GS INTELLIGIBILITY
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SPEED

USE VELOCITY

SPEED CONTROL

UF SPEED REGULATION
RT AUTOMATIC CONTROL
 ∞ CONTROL
 CONTROL EQUIPMENT
 CONTROLLERS
 ENGINE CONTROL
 HELICOPTER CONTROL
 MANUAL CONTROL
 REGULATORS

SPEED INDICATORS

UF PRESTON TUBES
SPEEDOMETERS
GS AIRCRAFT INSTRUMENTS
 . **SPEED INDICATORS**
 . . . ANEMOMETERS
 . . . DRAG FORCE ANEMOMETERS
 . . . HOT-WIRE ANEMOMETERS
 . . . SONIC ANEMOMETERS
 . . . TACHOMETERS
 DISPLAY DEVICES
 . **SPEED INDICATORS**
 . . . ANEMOMETERS
 . . . DRAG FORCE ANEMOMETERS
 . . . HOT-FILM ANEMOMETERS
 . . . HOT-WIRE ANEMOMETERS
 . . . SONIC ANEMOMETERS
 . . . TACHOMETERS
 MEASURING INSTRUMENTS
 . . . INDICATING INSTRUMENTS
 . **SPEED INDICATORS**
 . . . ANEMOMETERS
 . . . DRAG FORCE ANEMOMETERS
 . . . HOT-FILM ANEMOMETERS
 . . . HOT-WIRE ANEMOMETERS
 . . . LASER ANEMOMETERS
 . . . SONIC ANEMOMETERS
 . . . TACHOMETERS
RT ACCELEROMETERS
 APPROACH INDICATORS
 FLIGHT INSTRUMENTS
 FLOWMETERS
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SPEED REGULATION

USE SPEED CONTROL

SPEED REGULATORS

UF GOVERNORS
GS CONTROL EQUIPMENT
 . **SPEED REGULATORS**
 REGULATORS
 . **SPEED REGULATORS**
 CONTROLLERS
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SPEEDOMETERS

USE SPEED INDICATORS

SPENT FUELS

GS FUELS
 . NUCLEAR FUELS
 . . . **SPENT FUELS**
RT FUEL CAPSULES
 NEUTRON SOURCES
 ∞ NUCLEAR ENERGY
 NUCLEAR FUEL REPROCESSING
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USE GAMETOCYTES

SPERMATOGENESIS

RT GAMETOCYTES
SPERMATOZOA

SPERMATOZOA

RT FERTILIZATION
 ∞ REPRODUCTION
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SPERT REACTORS

GS NUCLEAR REACTORS
 . LIQUID COOLED REACTORS
 . . . WATER COOLED REACTORS
 . . . BOILING WATER REACTORS
 . . . **SPERT REACTORS**
 . NUCLEAR RESEARCH AND TEST
 REACTORS
 . **SPERT REACTORS**

SPHALERITE

USE ZINCBLENDE

SPHERES

GS SYMMETRICAL BODIES
 . BODIES OF REVOLUTION
 . . . **SPHERES**
 . . . CELESTIAL SPHERE
 . . . CONCENTRIC SPHERES
 . . . FALLING SPHERES
 . . . POINCARÉ SPHERES
 . . . ROTATING SPHERES
RT AERODYNAMIC CONFIGURATIONS
 ASPHERICITY
 BALLS
 CIRCLES (GEOMETRY)
 EUCLIDEAN GEOMETRY
 GEOMETRY
 ∞ GLOBES
 GLOBULES
 ∞ HEMISPHERES
 HEMISPHERICAL SHELLS
 MICROBALLONS
 NODULES
 OGIVES
 SPHERICAL SHELLS
 SPHEROIDS
 SPHERULES

SPHERICAL ANTENNAS

GS ANTENNAS
 . **SPHERICAL ANTENNAS**
RT COMMUNICATION EQUIPMENT
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SPHERICAL CAPS

GS SHELLS (STRUCTURAL FORMS)
 . SPHERICAL SHELLS
 . . . **SPHERICAL CAPS**
RT ∞ CAPS
 COVERINGS
 NOSE CONES
 SEALS (STOPPERS)

SPHERICAL COORDINATES

UF CURVILINEAR COORDINATES
GS COORDINATES
 . **SPHERICAL COORDINATES**
RT ASTRONOMICAL COORDINATES
 CELESTIAL REFERENCE SYSTEMS
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 POSITION (LOCATION)
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SPHERICAL HARMONICS

GS ANALYSIS (MATHEMATICS)
 . COMPLEX VARIABLES
 . . . **SPHERICAL HARMONICS**
 FUNCTIONS (MATHEMATICS)
 . **SPHERICAL HARMONICS**
 HARMONICS
 . **SPHERICAL HARMONICS**
 LEGENDRE FUNCTIONS

SPHERICAL PLASMAS

GS PARTICLES
 . CHARGED PARTICLES

SPHERICAL PLASMAS-(CONT.)

- . . . ENERGETIC PARTICLES
- . . . PLASMAS (PHYSICS)
- **SPHERICAL PLASMAS**

SPHERICAL SHELLS

- GS SHELLS (STRUCTURAL FORMS)
 - . **SPHERICAL SHELLS**
 - . . SPHERICAL CAPS
- RT BODIES OF REVOLUTION
 - CIRCULAR SHELLS
 - HEMISPHERICAL SHELLS
 - METAL SHELLS
 - REINFORCED SHELLS
 - ROTATING SPHERES
 - SPHERES
 - STRESSED-SKIN STRUCTURES
 - THIN WALLED SHELLS

SPHERICAL TANKS

- GS TANKS (CONTAINERS)
 - . **SPHERICAL TANKS**
- RT FUEL TANKS
 - PRESSURE VESSELS
 - PROPELLANT TANKS
 - STORAGE TANKS

SPHERICAL WAVES

- RT CYLINDRICAL WAVES
 - DIFFRACTION PATHS
 - DIFFRACTION PROPAGATION
 - ELASTIC WAVES
 - ELECTROMAGNETIC RADIATION
 - HUYGENS PRINCIPLE
 - PLANE WAVES
 - POINT SOURCES
 - THREE DIMENSIONAL FLOW
- ∞ WAVES

SPHEROIDS

- GS GEOMETRY
 - . EUCLIDEAN GEOMETRY
 - . . ANALYTIC GEOMETRY
 - . . . **SPHEROIDS**
 - OBLATE SPHEROIDS
 - PROLATE SPHEROIDS
- RT FALLING SPHERES
 - GEOIDS
 - SPHERES

SPHEROMAKS

- GS NUCLEAR REACTORS
 - . FUSION REACTORS
 - . . **SPHEROMAKS**
- RT DENSE PLASMAS
 - MAGNETIC FIELD CONFIGURATIONS
 - MAGNETIC MIRRORS
 - PLASMA CURRENTS
- ∞ REACTORS
 - TOKAMAK DEVICES
 - TOROIDAL PLASMAS

SPHERULES

- GS **SPHERULES**
 - . SPHERULITES
- RT CRYSTALS
 - SPHERES

SPHERULITES

- GS CRYSTALS
 - . CRYSTALLITES
 - . . **SPHERULITES**
- RT CRYSTAL STRUCTURE
 - MICROCRYSTALS
 - MICROSTRUCTURE
 - NODULES
 - ROSETTE SHAPES

SPHINX

- UF SPACE PLASMA H/E INTERACTION
 - EXPERIMENTS
- GS EXPERIMENTATION
 - . **SPHINX**
- RT HIGH ENERGY INTERACTIONS
 - PARTICLE INTERACTIONS
 - PLASMA INTERACTION EXPERIMENT
 - PLASMA-PARTICLE INTERACTIONS
- ∞ RESEARCH PROJECTS

SPHYGMOGRAPHY

- RT ARTERIES
 - BIOINSTRUMENTATION

SPHYGMOGRAPHY-(CONT.)

- BLOOD PRESSURE
- HEART RATE
- ∞ MEASUREMENT
- RECORDING INSTRUMENTS

SPICULES

- GS SOLAR ACTIVITY
 - . **SPICULES**
- RT CHROMOSPHERE
 - PHOTOSPHERE
 - SOLAR ATMOSPHERE

SPIDERS

- GS ANIMALS
 - . INVERTEBRATES
 - . . ARTHROPODS
 - . . . **SPIDERS**

SPIKE ANTENNAS

- USE MONOPOLE ANTENNAS

SPIKE NOZZLES

- GS EXHAUST NOZZLES
 - . **SPIKE NOZZLES**
- RT CONICAL NOZZLES
 - NOZZLE GEOMETRY
- ∞ NOZZLES
 - PLUG NOZZLES
 - ROCKET NOZZLES
- ∞ SPIKES

SPIKE POTENTIALS

- GS POTENTIAL ENERGY
 - . ELECTRIC POTENTIAL
 - . . **SPIKE POTENTIALS**
- RT BIOELECTRICITY
 - DEPOLARIZATION
- ∞ SPIKES

∞ SPIKES

- SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)*
- RT FASTENERS
 - HOLDERS
 - MONOPOLE ANTENNAS
 - PINS
 - SPIKE NOZZLES
 - SPIKE POTENTIALS
 - SPIKES (AERODYNAMIC CONFIGURATIONS)

SPIKES (AERODYNAMIC CONFIGURATIONS)

- RT ∞ SPIKES
 - WIND TUNNELS

SPIKING

- RT ELECTRON BEAM WELDING
 - MELTING
 - METAL CUTTING

SPILLING

- RT DUMPING
 - EMPTYING
 - JETTISONING
 - OIL SLICKS
 - RELEASING
 - SPREADING

SPIN

- GS **SPIN**
 - . METAL SPINNING
 - . . HYDROSPINNING
 - . . . PARTICLE SPIN
 - . . . ELECTRON SPIN
 - . . . ISOTOPIC SPIN
 - . . . NUCLEAR SPIN
 - . . . SPIN-ORBIT INTERACTIONS
 - . . . ELECTRON CAPTURE
 - . . . SPIN-SPIN COUPLING
- RT ANGULAR MOMENTUM
 - NUCLEAR CAPTURE
 - SPINNERS
 - YO-YO DEVICES

SPIN DECOUPLING

- GS DECOUPLING
 - . **SPIN DECOUPLING**
- RT PHOTOMAGNETIC EFFECTS

SPIN DYNAMICS

- RT AIRCRAFT SPIN
 - ARTIFICIAL GRAVITY

SPIN DYNAMICS-(CONT.)

- DYNAMIC TESTS
- ∞ DYNAMICS
 - ELECTRON SPIN
 - GYRATION
 - LUNAR ROTATION
 - ROTATING MATTER

SPIN EXCHANGE

- GS EXCHANGING
 - . **SPIN EXCHANGE**
- RT RESONANCE CHARGE EXCHANGE

SPIN FORGING

- USE METAL SPINNING

SPIN GLASS

- GS GLASS
 - . **SPIN GLASS**
- RT AMORPHOUS MATERIALS
 - MAGNETIC PROPERTIES
 - METALLIC GLASSES
 - SPIN-LATTICE RELAXATION
 - SUPERCONDUCTIVITY

SPIN REDUCTION

- UF DESPINNING
 - JET DAMPING
- GS RATES (PER TIME)
 - . ACCELERATION (PHYSICS)
 - . . DECELERATION
 - . . . **SPIN REDUCTION**
- RT ANGULAR ACCELERATION
 - DESTABILIZATION
 - GRAVITY GRADIENT SATELLITES
- ∞ REDUCTION
 - SATELLITE ROTATION
 - YO-YO DEVICES

SPIN RESONANCE

- GS RESONANCE
 - . **SPIN RESONANCE**
- RT NUCLEAR MAGNETIC RESONANCE
 - PARTICLE SPIN

SPIN STABILIZATION

- GS STABILIZATION
 - . **SPIN STABILIZATION**
- RT ATTITUDE CONTROL
 - DUAL SPIN SPACECRAFT
 - MISSILES
 - OV-1 SATELLITES
 - OV-2 SATELLITES
 - OV-3 SATELLITES
 - OV-4 SATELLITES
 - OV-5 SATELLITES
 - SATELLITE ORIENTATION
 - SATELLITE ROTATION
 - SATELLITES
 - SPACE SHUTTLE UPPER STAGE D
 - SPACE STATIONS

SPIN TESTS

- UF WHIRLING TESTS
- RT ANGULAR MOMENTUM
 - DYNAMIC TESTS
 - ENVIRONMENTAL TESTS
 - LOAD TESTS
 - POLARIZATION (SPIN ALIGNMENT)
- ∞ TESTS

SPIN WAVES

- USE MAGNONS

SPIN-LATTICE RELAXATION

- GS MAGNETIC PROPERTIES
 - . MAGNETIC RELAXATION
 - . . **SPIN-LATTICE RELAXATION**
 - . . . RELAXATION (MECHANICS)
 - . . . **SPIN-LATTICE RELAXATION**
- RT LATTICE VIBRATIONS
 - NUCLEAR MAGNETIC RESONANCE
 - RELAXATION TIME
 - SPIN GLASS

SPIN-ORBIT INTERACTIONS

- GS NUCLEAR REACTIONS
 - . NUCLEAR INTERACTIONS
 - . . **SPIN-ORBIT INTERACTIONS**
 - . . . ELECTRON CAPTURE
 - . . . PARTICLE INTERACTIONS
 - . . . NUCLEAR INTERACTIONS
 - . . . **SPIN-ORBIT INTERACTIONS**
 - . . . ELECTRON CAPTURE

SPIN-SPIN COUPLING

SPIN-ORBIT INTERACTIONS-(CONT.)

- SPIN
- . SPIN-ORBIT INTERACTIONS
- . ELECTRON CAPTURE

SPIN-SPIN COUPLING

- GS COUPLING
- . SPIN-SPIN COUPLING
- SPIN
- . SPIN-SPIN COUPLING
- RT COUPLES
- CROSS RELAXATION

SPINACH

- GS FARM CROPS
- . SPINACH
- VEGETABLES
- . SPINACH
- RT ∞ FOOD
- PLANTS (BOTANY)

SPINAL CORD

- GS NERVOUS SYSTEM
- . CENTRAL NERVOUS SYSTEM
- . SPINAL CORD
- . . . SPINE
- RT BONES
- BRAIN

SPINDLES

- RT SHAFTS (MACHINE ELEMENTS)
- SPOOLS
- WINDING

SPINE

- GS NERVOUS SYSTEM
- . CENTRAL NERVOUS SYSTEM
- . SPINAL CORD
- . . . SPINE
- RT MUSCULOSKELETAL SYSTEM
- VERTEBRAE

SPINEL

- GS MINERALS
- . SPINEL
- ALUMINATES
- FERRITES
- IGNEOUS ROCKS

SPINNERS

- RT DIRECTIONAL ANTENNAS
- RADAR ANTENNAS
- SLEWING
- SPIN

SPINNING (METALLURGY)

- USE METAL SPINNING

SPINNING SOLID UPPER STAGE

- GS SPACE SHUTTLE UPPER STAGES
- . SPINNING SOLID UPPER STAGE
- RT BOOSTER ROCKET ENGINES
- UPPER STAGE ROCKET ENGINES

SPINNING UNGUIDED ROCKET TRAJECTORY

- UF SPURT (TRAJECTORIES)
- GS TRAJECTORIES
- . SPINNING UNGUIDED ROCKET TRAJECTORY
- RT EQUATIONS OF MOTION
- MISSILE TRAJECTORIES
- ROTATING BODIES
- SYMMETRICAL BODIES

SPINOR GROUPS

- GS ALGEBRA
- . LIE GROUPS
- . SPINOR GROUPS
- GEOMETRY
- . DIFFERENTIAL GEOMETRY
- . . . LIE GROUPS
- . . . SPINOR GROUPS

SPIRAL ANTENNAS

- GS ANTENNAS
- . SPIRAL ANTENNAS
- . . . LOG SPIRAL ANTENNAS
- RT ANTENNA DESIGN
- BROADBAND
- TELEMETRY

SPIRAL GALAXIES

- GS CELESTIAL BODIES
- . GALAXIES

SPIRAL GALAXIES-(CONT.)

- . . . SPIRAL GALAXIES
- . . . BARRED GALAXIES
- . . . MILKY WAY GALAXY
- RT ANDROMEDA GALAXIES
- DENSITY WAVE MODEL
- DISK GALAXIES
- ELLIPTICAL GALAXIES
- MAFFEI GALAXIES
- VIRGO GALACTIC CLUSTER

SPIRAL WRAPPING

- RT COMPOSITE MATERIALS
- COMPOSITE WRAPPING
- ISOTENSOID STRUCTURES
- PACKAGING
- ∞ SPIRALS
- WINDING

∞ SPIRALS

- SN (USE OF A MORE SPECIFIC TERM IS RECOMMENDED-CONSULT THE TERMS LISTED BELOW)
- RT CURVES (GEOMETRY)
- SPIRAL WRAPPING
- SPIRALS (CONCENTRATORS)

SPIRALS (CONCENTRATORS)

- GS CONCENTRATORS
- . SPIRALS (CONCENTRATORS)
- SEPARATORS
- . SPIRALS (CONCENTRATORS)
- RT CLASSIFIERS
- ∞ SPIRALS

SPIROMETERS

- RT HEART MINUTE VOLUME
- LUNGS
- RESPIRATORY RATE

SPIITSBERGEN (NORWAY)

- RT ARCHIPELAGOES
- ARCTIC OCEAN
- OCEAN CURRENTS

SPLASHING

- UF SWASH
- RT AGITATION
- SURFACE WAVES
- ULLAGE
- WATER LANDING

SPLEEN

- GS ANATOMY
- . ORGANS
- . . . SPLEEN
- VISCERA
- . ORGANS
- . . . SPLEEN
- RT POLYCYTHEMIA

SPLICING

- RT FASTENERS
- ∞ JOINING
- ∞ TAPES
- WIRING

SPLINE FUNCTIONS

- GS FUNCTIONS (MATHEMATICS)
- . SPLINE FUNCTIONS
- RT APPROXIMATION
- MATRIX METHODS

SPLINES

- RT COUPLINGS
- FASTENERS
- HOLDERS

SPLINTS

- RT BONES
- CASTS
- FIRST AID

SPLIT FLAPS

- GS AIRFOILS
- . FLAPS (CONTROL SURFACES)
- . . . SPLIT FLAPS
- BRAKES (FOR ARRESTING MOTION)
- . AERODYNAMIC BRAKES
- . . . SPLIT FLAPS
- . AIRCRAFT BRAKES
- . . . SPLIT FLAPS
- CONTROL SURFACES
- . FLAPS (CONTROL SURFACES)

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SPLIT FLAPS-(CONT.)

- . . . SPLIT FLAPS
- DRAG DEVICES
- . AERODYNAMIC BRAKES
- . . . SPLIT FLAPS
- RT JET FLAPS
- LEADING EDGE SLATS
- TRAILING-EDGE FLAPS
- WING FLAPS

SPLITS (GEOLOGY)

- USE GEOLOGICAL FAULTS

SPLITTING

- RT CHIPPING
- CUTTING
- FISSION
- FLAKING
- FRACTURING
- LASER CUTTING
- ∞ SEPARATION
- SLICING

SPODUMENE

- GS ALUMINUM COMPOUNDS
- . SPODUMENE
- CHALCOGENIDES
- . OXIDES
- . . . SILICON OXIDES
- . . . SPODUMENE
- LITHIUM COMPOUNDS
- . SPODUMENE
- MINERALS
- . SPODUMENE
- SILICON COMPOUNDS
- . SILICATES
- . . . SODIUM SILICATES
- . . . SPODUMENE
- SILICON OXIDES
- . SPODUMENE
- SODIUM COMPOUNDS
- . SODIUM SILICATES
- . . SPODUMENE

SPOILER SLOT AILERONS

- GS AIRFOILS
- . AILERONS
- . . . SPOILER SLOT AILERONS
- CONTROL SURFACES
- . AILERONS
- . . . SPOILER SLOT AILERONS
- RT SPOILERS

SPOILERS

- GS AIRFOILS
- . SPOILERS
- CONTROL SURFACES
- . SPOILERS
- DRAG DEVICES
- . SPOILERS
- RT AERODYNAMIC BRAKES
- BOUNDARY LAYER CONTROL
- DEFLECTORS
- FLAPS (CONTROL SURFACES)
- GUST ALLEVIATORS
- LEADING EDGE SLATS
- SPOILER SLOT AILERONS
- VORTEX ALLEVIATION
- WINGS

SPOKES

- RT HUBS
- WHEELS

SPONGES (MATERIALS)

- SN (ORGANIC OPEN-CELL STRUCTURES)
- RT ELASTOMERS
- POLYURETHANE FOAM
- POROUS MATERIALS

SPONTANEOUS COMBUSTION

- GS COMBUSTION
- . SPONTANEOUS COMBUSTION
- RT COMBUSTION TEMPERATURE
- EXPLOSIONS
- FIRE POINT
- FIRE PREVENTION
- FLAMMABILITY
- FLASH POINT
- FUEL COMBUSTION
- HAZARDS
- HYPERGOLIC ROCKET PROPELLANTS
- IGNITION
- IGNITION TEMPERATURE
- PROPELLANT SENSITIVITY

SPONTANEOUS COMBUSTION-(CONT.)
PYROPHORIC MATERIALS**SPONTANEOUS EMISSION**

- GS DECAY
 - . EMISSION
- RT . . . **SPONTANEOUS EMISSION**
 - ATOMIC ENERGY LEVELS
 - ELECTROMAGNETIC RADIATION
 - EMISSION SPECTRA
 - SPECTRAL EMISSION

SPOOLS

- RT ∞ CONTAINERS
 - INSERTS
 - MAGAZINES (SUPPLY CHAMBERS)
 - REELS
 - SPINDLES

SPORADIC E LAYER

- GS EARTH ATMOSPHERE
 - . UPPER ATMOSPHERE
 - . . . IONOSPHERE
 - . . . E REGION
 - **SPORADIC E LAYER**
- RT E-1 LAYER
 - E-2 LAYER
 - E-3 LAYER
 - MIDLATITUDE ATMOSPHERE

SPORADIC METEORIDS

- SN (METEORIDS NOT ASSOCIATED WITH A METEOROID SHOWER OR STREAM)
- GS CELESTIAL BODIES
 - . METEORIDS
 - . . . **SPORADIC METEORIDS**
- RT METEOR TRAILS
 - METEOROID CONCENTRATION

SPORES

- GS ANIMALS
 - . INVERTEBRATES
 - . . . **SPORES**
 - . . . MICROSPORES
 - FUNGI
 - . . . **SPORES**
 - . . . MICROSPORES
 - MICROORGANISMS
 - . . . **SPORES**
 - . . . MICROSPORES
- RT PLANTS (BOTANY)
 - ∞ REPRODUCTION
 - TETRAD THEORY

SPOT (FRENCH SATELLITE)

- GS OBSERVATION
 - . EARTH OBSERVATIONS (FROM SPACE)
 - . . . **SPOT (FRENCH SATELLITE)**
 - SATELLITES
 - . ARTIFICIAL SATELLITES
 - . . . **SPOT (FRENCH SATELLITE)**
- RT CROP IDENTIFICATION
 - EARTH RESOURCES
 - LAND USE
 - MAPPING
 - SOIL MAPPING
 - STEREOPHOTOGRAPHY

SPOT WELDS

- GS JOINTS (JUNCTIONS)
 - . METAL JOINTS
 - . . . WELDED JOINTS
 - . . . **SPOT WELDS**
- RT ARC WELDING
 - BEADS
 - ELECTRIC WELDING
 - FUSION WELDING
 - PRESSURE WELDING
 - ULTRASONIC WELDING

SPRAY CHARACTERISTICS

- RT ∞ CHARACTERISTICS
 - SPRAYERS
 - SPRAYING

SPRAY CONDENSERS

- RT JET CONDENSERS
 - SPRAYERS

SPRAY NOZZLES

- RT ANNULAR NOZZLES
 - CONICAL NOZZLES
 - FUEL INJECTION
 - FUEL SYSTEMS

SPRAY NOZZLES-(CONT.)

- INJECTORS
- ∞ NOZZLES
- ORIFICES
- SPRAYERS

SPRAYED COATINGS

- UF SPRAYED PROTECTIVE COATINGS
- GS COATINGS
 - . **SPRAYED COATINGS**
- RT CERAMIC COATINGS
 - FINISHES
 - LACQUERS
 - METAL COATINGS
 - PAINTS
 - PLASMA SPRAYING
 - PLASTIC COATINGS
 - PRIMERS (COATINGS)
 - PROTECTIVE COATINGS
 - VARNISHES

SPRAYED PROTECTIVE COATINGS

- USE PROTECTIVE COATINGS
 - SPRAYED COATINGS

SPRAYERS

- UF SPRAYING APPARATUS
 - SPRAYS
- RT ATOMIZERS
 - BLOWERS
 - COLLOIDAL GENERATORS
 - CONTACTORS
 - ∞ CONTAINERS
 - ∞ DIFFUSERS
 - DISPENSERS
 - DISTRIBUTORS
 - DROPS (LIQUIDS)
 - EJECTORS
 - FUEL SPRAYS
 - ∞ JETS
 - MATERIALS HANDLING
 - MIXERS
 - ∞ NOZZLES
 - PROPELLANT SPRAYS
 - SPRAY CHARACTERISTICS
 - SPRAY CONDENSERS
 - SPRAY NOZZLES
 - SPRAYING
 - VAPORIZERS

SPRAYING

- GS **SPRAYING**
 - . ARC SPRAYING
 - . CROP DUSTING
 - . FLAME SPRAYING
 - . METAL SPRAYING
 - . PLASMA SPRAYING
- RT AERATION
 - AEROSOLS
 - ATOMIZING
 - BLOWING
 - COATING
 - COATINGS
 - DIFFUSION
 - DISPERSING
 - ENTRAINMENT
 - FORMING TECHNIQUES
 - FUMIGATION
 - LIQUID ATOMIZATION
 - METALLIZING
 - MIXING
 - PREMIXING
 - SEALING
 - SPRAY CHARACTERISTICS
 - SPRAYERS
 - SPRINKLING
 - VAPORIZING
 - WETTING

SPRAYING APPARATUS

- USE SPRAYERS

SPRAYS

- USE SPRAYERS

SPREAD F

- RT F 2 REGION
 - IONOSPHERIC STORMS
 - MAGNETIC STORMS

SPREAD REFLECTION

- GS REFLECTION
 - . **SPREAD REFLECTION**
- RT GLARE
 - INFRARED REFLECTION

SPREAD REFLECTION-(CONT.)

- OPTICAL REFLECTION
- SCATTERING
- SIGNAL REFLECTION
- ULTRAVIOLET REFLECTION
- WAVE REFLECTION

SPREAD SPECTRUM TRANSMISSION

- GS TRANSMISSION
 - . ELECTROMAGNETIC WAVE
 - TRANSMISSION
 - . . . RADIO TRANSMISSION
 - **SPREAD SPECTRUM TRANSMISSION**
- RT COMMUNICATION
 - FREQUENCY HOPPING

SPREADING

- RT ADHESION
 - COHESION
 - DIFFUSION
 - DISPERSING
 - DISPOSAL
 - DUMPING
 - EMPTYING
 - INTERFACIAL TENSION
 - INTERNAL PRESSURE
 - MATERIALS HANDLING
 - SCATTERING
 - ∞ SEPARATION
 - SPILLING
 - SWELLING
 - THROWING
 - UNLOADING

SPRINGS (ELASTIC)

- RT ∞ COILS
 - ENERGY STORAGE
 - FRAMES
 - OSCILLATION DAMPERS
 - OSCILLATIONS
 - RESILIENCE
 - SHOCK ABSORBERS
 - SUSPENSION SYSTEMS (VEHICLES)
 - VIBRATION ISOLATORS

SPRINGS (WATER)

- GS RESOURCES
 - . EARTH RESOURCES
 - . . . **SPRINGS (WATER)**
 - WATER
 - . . . **SPRINGS (WATER)**
- RT AQUIFERS
 - FRESH WATER
 - GROUND WATER
 - INLAND WATERS
 - LAKES
 - OASES
 - POTABLE WATER
 - WATER TABLES
 - WELLS

SPRINKLING

- RT SCATTERING
 - SPRAYING
 - WETTING

SPRINT MISSILE

- GS MISSILES
 - . ANTIMISSILE MISSILES
 - . . . **SPRINT MISSILE**
 - . SURFACE TO AIR MISSILES
 - . . . **SPRINT MISSILE**
- RT NIKE-ZEUS MISSILE
 - SENTINEL SYSTEM
 - SOLID PROPELLANT ROCKET ENGINES
 - SPARTAN MISSILE

SPUR (REACTORS)

- USE SPACE POWER UNIT REACTORS

SPURRITE

- GS CALCIUM COMPOUNDS
 - . CALCIUM CARBONATES
 - . . . **SPURRITE**
 - . CALCIUM SILICATES
 - . . . **SPURRITE**
 - CARBON COMPOUNDS
 - . CARBONATES
 - . . . CALCIUM CARBONATES
 - **SPURRITE**
 - MINERALS
 - . . . **SPURRITE**
 - SILICON COMPOUNDS
 - . SILICATES
 - . . . CALCIUM SILICATES

SPURT (TRAJECTORIES)

SPURRITE-(CONT.)

... SPURRITE
... SODIUM SILICATES
... SPURRITE
SODIUM COMPOUNDS
... SODIUM SILICATES
... SPURRITE

SPURT (TRAJECTORIES)

USE SPINNING UNGUIDED ROCKET
TRAJECTORY

SPUTNIK SATELLITES

GS SATELLITES
... ARTIFICIAL SATELLITES
... SPUTNIK SATELLITES
... SPUTNIK 1 SATELLITE
... SPUTNIK 2 SATELLITE
... SPUTNIK 3 SATELLITE
... SPUTNIK 4 SATELLITE
... SPUTNIK 5 SATELLITE
... SPUTNIK 6 SATELLITE
... SPUTNIK 7 SATELLITE
... SPUTNIK 8 SATELLITE
... EARTH SATELLITES
... SPUTNIK SATELLITES
... SPUTNIK 1 SATELLITE
... SPUTNIK 2 SATELLITE
... SPUTNIK 3 SATELLITE
... SPUTNIK 4 SATELLITE
... SPUTNIK 5 SATELLITE
... SPUTNIK 6 SATELLITE
... SPUTNIK 7 SATELLITE
... SPUTNIK 8 SATELLITE
SOVIET SPACECRAFT
... SPUTNIK SATELLITES
... SPUTNIK 1 SATELLITE
... SPUTNIK 2 SATELLITE
... SPUTNIK 3 SATELLITE
... SPUTNIK 4 SATELLITE
... SPUTNIK 5 SATELLITE
... SPUTNIK 6 SATELLITE
... SPUTNIK 7 SATELLITE
... SPUTNIK 8 SATELLITE

SPUTNIK 1 SATELLITE

GS SATELLITES
... ARTIFICIAL SATELLITES
... METEOROLOGICAL SATELLITES
... SPUTNIK 1 SATELLITE
... SPUTNIK SATELLITES
... SPUTNIK 1 SATELLITE
... EARTH SATELLITES
... METEOROLOGICAL SATELLITES
... SPUTNIK 1 SATELLITE
... SPUTNIK SATELLITES
... SPUTNIK 1 SATELLITE
SOVIET SPACECRAFT
... SPUTNIK SATELLITES
... SPUTNIK 1 SATELLITE

SPUTNIK 2 SATELLITE

GS SATELLITES
... ARTIFICIAL SATELLITES
... BIOSATELLITES
... SPUTNIK 2 SATELLITE
... METEOROLOGICAL SATELLITES
... SPUTNIK 2 SATELLITE
... SPUTNIK SATELLITES
... SPUTNIK 2 SATELLITE
... EARTH SATELLITES
... BIOSATELLITES
... SPUTNIK 2 SATELLITE
... METEOROLOGICAL SATELLITES
... SPUTNIK 2 SATELLITE
... SPUTNIK SATELLITES
... SPUTNIK 2 SATELLITE
SOVIET SPACECRAFT
... SPUTNIK SATELLITES
... SPUTNIK 2 SATELLITE
UNMANNED SPACECRAFT
... BIOSATELLITES
... SPUTNIK 2 SATELLITE

SPUTNIK 3 SATELLITE

GS SATELLITES
... ARTIFICIAL SATELLITES
... GEOPHYSICAL SATELLITES
... SPUTNIK 3 SATELLITE
... METEOROLOGICAL SATELLITES
... SPUTNIK 3 SATELLITE
... SPUTNIK SATELLITES
... SPUTNIK 3 SATELLITE
... EARTH SATELLITES
... GEOPHYSICAL SATELLITES

SPUTNIK 3 SATELLITE-(CONT.)

... SPUTNIK 3 SATELLITE
... METEOROLOGICAL SATELLITES
... SPUTNIK 3 SATELLITE
... SPUTNIK SATELLITES
... SPUTNIK 3 SATELLITE
SOVIET SPACECRAFT
... SPUTNIK SATELLITES
... SPUTNIK 3 SATELLITE

SPUTNIK 4 SATELLITE

GS SATELLITES
... ARTIFICIAL SATELLITES
... SPUTNIK SATELLITES
... SPUTNIK 4 SATELLITE
... EARTH SATELLITES
... SPUTNIK SATELLITES
... SPUTNIK 4 SATELLITE
SOVIET SPACECRAFT
... SPUTNIK SATELLITES
... SPUTNIK 4 SATELLITE

SPUTNIK 5 SATELLITE

GS SATELLITES
... ARTIFICIAL SATELLITES
... SPUTNIK SATELLITES
... SPUTNIK 5 SATELLITE
... EARTH SATELLITES
... SPUTNIK SATELLITES
... SPUTNIK 5 SATELLITE
SOVIET SPACECRAFT
... SPUTNIK SATELLITES
... SPUTNIK 5 SATELLITE
RT VENUS PROBES

SPUTNIK 6 SATELLITE

GS SATELLITES
... ARTIFICIAL SATELLITES
... BIOSATELLITES
... SPUTNIK 6 SATELLITE
... SPUTNIK SATELLITES
... SPUTNIK 6 SATELLITE
... EARTH SATELLITES
... BIOSATELLITES
... SPUTNIK 6 SATELLITE
... SPUTNIK SATELLITES
... SPUTNIK 6 SATELLITE
SOVIET SPACECRAFT
... SPUTNIK SATELLITES
UNMANNED SPACECRAFT
... BIOSATELLITES
... SPUTNIK 6 SATELLITE

SPUTNIK 7 SATELLITE

GS SATELLITES
... ARTIFICIAL SATELLITES
... BIOSATELLITES
... SPUTNIK 7 SATELLITE
... SPUTNIK SATELLITES
... SPUTNIK 7 SATELLITE
... EARTH SATELLITES
... BIOSATELLITES
... SPUTNIK 7 SATELLITE
... SPUTNIK SATELLITES
... SPUTNIK 7 SATELLITE
SOVIET SPACECRAFT
... SPUTNIK SATELLITES
... SPUTNIK 7 SATELLITE
UNMANNED SPACECRAFT
... BIOSATELLITES
... SPUTNIK 7 SATELLITE

SPUTNIK 8 SATELLITE

GS SATELLITES
... ARTIFICIAL SATELLITES
... SPUTNIK SATELLITES
... SPUTNIK 8 SATELLITE
... EARTH SATELLITES
... SPUTNIK SATELLITES
... SPUTNIK 8 SATELLITE
SOVIET SPACECRAFT
... SPUTNIK SATELLITES
... SPUTNIK 8 SATELLITE
RT VENUS PROBES

SPUTTERING

GS SPUTTERING
... MAGNETRON SPUTTERING
RT ARC WELDING
... BOMBARDMENT
DEPOSITION
DUOPLASMATRONS
ELECTRON BOMBARDMENT
EMISSION

NASA THESAURUS (VOLUME 1)

SPUTTERING-(CONT.)

ION PLATING
ION SOURCES
METAL PARTICLES
PLASMA ETCHING
SURFACE FINISHING
THERMAL INSTABILITY

SPUTTERING GAGES

GS MEASURING INSTRUMENTS
... SPUTTERING GAGES
RT METAL FILMS
THIN FILMS

SQUALLS

GS WIND (METEOROLOGY)
... SQUALLS
RT GROUND WIND
STORMS (METEOROLOGY)

SQUAMA

RT FISHES

SQUARE WAVES

GS WAVEFORMS
... SQUARE WAVES
RT FORM FACTORS
PULSE AMPLITUDE
PULSE DURATION
SAWTOOTH WAVEFORMS
TIME FUNCTIONS
WAVE FUNCTIONS
WAVE PROPAGATION
... WAVES

SQUARE WELLS

RT ELECTRON MOBILITY
MAGNETIC FIELDS
PHOTOCONDUCTIVITY
VACANCIES (CRYSTAL DEFECTS)
WELLS

SQUARES (MATHEMATICS)

GS GEOMETRY
... EUCLIDEAN GEOMETRY
... POLYGONS
... TETRAGONS
... SQUARES (MATHEMATICS)

SQUEEZE FILMS

GS FLUID FILMS
... SQUEEZE FILMS
RT BOUNDARY LUBRICATION
ELASTOHYDRODYNAMICS
... FILMS
GAS BEARINGS
GAS LUBRICANTS
LIQUID-SOLID INTERFACES
LUBRICANTS
THIN FILMS
VISCOELASTICITY
VISCOUS FLUIDS

SQUEEZING

USE COMPRESSING

SQUELCH CIRCUITS

GS CIRCUITS
... SQUELCH CIRCUITS
RT BACKGROUND NOISE
ELECTROMAGNETIC NOISE
NOISE REDUCTION
SILENCERS
SUPPRESSORS
SWITCHING CIRCUITS

SQUIBS

UF XM-6 SQUIB
XM-8 SQUIB
GS IGNITERS
... SQUIBS
RT ELECTRIC IGNITION
IGNITION SYSTEMS
PRIMERS (EXPLOSIVES)
SOLID PROPELLANT IGNITION
STARTERS

SQUID (DETECTORS)

UF SUPERCONDUCTING QUANTUM
INTERFEROMETERS
RT ... DETECTORS
JOSEPHSON JUNCTIONS
MAGNETIC MEASUREMENT
QUANTUM COUNTERS

NASA THESAURUS (VOLUME 1)

STABILIZERS (AGENTS)

SQUID (DETECTORS)-(CONT.)
SUPERCONDUCTORS**SQUID PROJECT**

- GS PROGRAMS
- .. PROJECTS
- .. **SQUID PROJECT**
- RT JET PROPULSION

SQUIRRELS

- GS ANIMALS
- .. VERTEBRATES
- .. MAMMALS
- .. RODENTS
- .. **SQUIRRELS**
- GROUND SQUIRRELS

SR (REACTORS)

- USE SATURABLE REACTORS

SR-N2 GROUND EFFECT MACHINE

- USE WESTLAND GROUND EFFECT MACHINES

SR-N3 GROUND EFFECT MACHINE

- USE WESTLAND GROUND EFFECT MACHINES

SR-N5 GROUND EFFECT MACHINE

- USE WESTLAND GROUND EFFECT MACHINES

SRE REACTOR

- USE SODIUM REACTOR EXPERIMENT

SRET SATELLITES

- GS SATELLITES
- .. ARTIFICIAL SATELLITES
- .. FRENCH SATELLITES
- .. **SRET SATELLITES**
- SRET 1 SATELLITE
- SRET 2 SATELLITE
- .. METEOROLOGICAL SATELLITES
- .. **SRET SATELLITES**
- SRET 1 SATELLITE
- SRET 2 SATELLITE
- .. EARTH SATELLITES
- .. FRENCH SATELLITES
- .. **SRET SATELLITES**
- SRET 1 SATELLITE
- SRET 2 SATELLITE
- .. METEOROLOGICAL SATELLITES
- .. **SRET SATELLITES**
- SRET 1 SATELLITE
- SRET 2 SATELLITE
- .. FRENCH SPACE PROGRAMS
- RT

SRET 1 SATELLITE

- GS SATELLITES
- .. ARTIFICIAL SATELLITES
- .. FRENCH SATELLITES
- .. **SRET SATELLITES**
- **SRET 1 SATELLITE**
- .. METEOROLOGICAL SATELLITES
- .. **SRET SATELLITES**
- **SRET 1 SATELLITE**
- .. EARTH SATELLITES
- .. FRENCH SATELLITES
- .. **SRET SATELLITES**
- **SRET 1 SATELLITE**
- .. METEOROLOGICAL SATELLITES
- .. **SRET SATELLITES**
- **SRET 1 SATELLITE**
- .. FRENCH SPACE PROGRAMS
- RT

SRET 2 SATELLITE

- GS SATELLITES
- .. ARTIFICIAL SATELLITES
- .. FRENCH SATELLITES
- .. **SRET SATELLITES**
- **SRET 2 SATELLITE**
- .. METEOROLOGICAL SATELLITES
- .. **SRET SATELLITES**
- **SRET 2 SATELLITE**
- .. EARTH SATELLITES
- .. FRENCH SATELLITES
- .. **SRET SATELLITES**
- **SRET 2 SATELLITE**
- .. METEOROLOGICAL SATELLITES
- .. **SRET SATELLITES**
- **SRET 2 SATELLITE**
- RT

SRI LANKA

- USE CEYLON

SS-11 MISSILE

- GS MISSILES

SS-11 MISSILE-(CONT.)

- SS-11 MISSILE
- RT MULTISTAGE ROCKET VEHICLES
- SOLID PROPELLANT ROCKET ENGINES

SSGS (STANDARDIZED SPACE GUIDANCE)

- USE STANDARDIZED SPACE GUIDANCE

SSUS-A

- USE SPACE SHUTTLE UPPER STAGE A

SSUS-D

- USE SPACE SHUTTLE UPPER STAGE D

ST LAWRENCE VALLEY (NORTH AMERICA)

- GS LANDFORMS
- .. **ST LAWRENCE VALLEY (NORTH AMERICA)**
- .. VALLEYS
- .. **ST LAWRENCE VALLEY (NORTH AMERICA)**
- RT CANADA
- MAINE
- NEW HAMPSHIRE
- NEW YORK
- VERMONT

ST LOUIS-KANSAS CITY CORRIDOR (MO)

- GS CORRIDORS
- .. **ST LOUIS-KANSAS CITY CORRIDOR (MO)**
- RT MISSOURI
- REGIONAL PLANNING

ST VENANT FLEXURE PROBLEM

- USE SAINT VENANT PRINCIPLE

STABILITY

- UF INSTABILITY
- GS **STABILITY**
- .. ACOUSTIC INSTABILITY
- .. BAROCLINIC INSTABILITY
- .. DYNAMIC STABILITY
- .. COMBUSTION STABILITY
- .. FLAME STABILITY
- .. CONTROL STABILITY
- .. FREQUENCY STABILITY
- .. MOTION STABILITY
- .. AERODYNAMIC STABILITY
- .. AIRCRAFT STABILITY
- .. HOVERING STABILITY
- .. ATTITUDE STABILITY
- .. DIRECTIONAL STABILITY
- .. GYROSCOPIC STABILITY
- .. LATERAL STABILITY
- .. LONGITUDINAL STABILITY
- .. FLOW STABILITY
- .. BOUNDARY LAYER STABILITY
- .. FLAME STABILITY
- .. MAGNETOHYDRODYNAMIC STABILITY
- .. LOW SPEED STABILITY
- .. ROTARY STABILITY
- .. GYROSCOPIC STABILITY
- .. SPACECRAFT STABILITY
- .. MAGNETOSPHERIC INSTABILITY
- .. STATIC STABILITY
- .. DIMENSIONAL STABILITY
- .. STRUCTURAL STABILITY
- .. SHELL STABILITY
- .. STORAGE STABILITY
- .. SURFACE STABILITY
- .. SYSTEMS STABILITY
- .. THERMAL STABILITY
- RT AMPLIFICATION
- BALLAST (MASS)
- COMPATIBILITY
- CONTROLLABILITY
- ∞ DRIFT
- DRIFT RATE
- DURABILITY
- DYNAMIC CHARACTERISTICS
- EQUATIONS OF MOTION
- ∞ EQUILIBRIUM
- METASTABLE STATE
- QUALITY
- RELIABILITY
- ∞ RESISTANCE
- SAFETY FACTORS
- SPACECRAFT MOTION
- STABILIZERS (AGENTS)
- STEADY STATE
- TOLERANCES (MECHANICS)
- TRESCA FLOW
- UNITY

STABILITY-(CONT.)

- UNSTEADY STATE
- VARIABILITY
- VLASOV EQUATIONS
- VULNERABILITY

STABILITY AUGMENTATION

- GS AUGMENTATION
- .. **STABILITY AUGMENTATION**
- RT AERODYNAMIC STABILITY
- AIRCRAFT CONTROL
- ATTITUDE (INCLINATION)
- AUTOMATIC CONTROL
- CONTROL STABILITY
- DIRECTIONAL STABILITY
- FEEDBACK CONTROL
- FLIGHT CONTROL
- LATERAL OSCILLATION
- PITCH (INCLINATION)

STABILITY DERIVATIVES

- UF AERODYNAMIC MOMENTS
- GS MOMENTS
- .. **STABILITY DERIVATIVES**
- .. PITCHING MOMENTS
- .. ROLLING MOMENTS
- .. YAWING MOMENTS
- RT COMPLEX VARIABLES
- DAMPING
- DIFFERENTIAL EQUATIONS
- MOMENTS OF INERTIA
- REAL VARIABLES
- VECTOR ANALYSIS

STABILITY TESTS

- GS **STABILITY TESTS**
- .. FLIGHT STABILITY TESTS
- .. WIND TUNNEL STABILITY TESTS
- RT CORROSION TESTS
- DAMPING TESTS
- ELECTRONIC EQUIPMENT TESTS
- FLIGHT TESTS
- FUEL TESTS
- GROUND TESTS
- MISSILE TESTS
- PROPELLANT TESTS
- RESONANCE TESTING
- ∞ TESTS
- VIBRATION TESTS

STABILIZATION

- UF MISSILE STABILIZATION
- GS **STABILIZATION**
- .. SIGNAL STABILIZATION
- .. SPIN STABILIZATION
- .. THREE AXIS STABILIZATION
- RT ACID BASE EQUILIBRIUM
- BALANCING
- CONSOLIDATION
- ∞ CONTROL
- EQUILIBRIUM
- HEAT TREATMENT
- HORIZONTAL ORIENTATION
- LASER GYROSCOPES
- STABILIZERS (AGENTS)
- STRESS RELIEVING
- VERTICAL ORIENTATION

STABILIZED PLATFORMS

- RT GIMBALS
- GYROSCOPIC STABILITY
- GYROSTABILIZERS
- INERTIAL GUIDANCE
- ∞ PLATFORMS
- THREE AXIS STABILIZATION

∞ STABILIZERS

- SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)*
- RT GYROSCOPES
- SEA KEEPING
- STABILIZERS (AGENTS)
- STABILIZERS (FLUID DYNAMICS)

STABILIZERS (AGENTS)

- RT ADDITIVES
- ∞ AGENTS
- ANTICOAGULANTS
- ANTIOXIDANTS
- NEUTRALIZERS
- PRESERVATIVES
- RETARDANTS
- STABILITY
- STABILIZATION

STABILIZERS (FLUID DYNAMICS)

STABILIZERS (AGENTS)-(CONT.)

∞ STABILIZERS

STABILIZERS (FLUID DYNAMICS)

UF HORIZONTAL STABILIZERS
VERTICAL STABILIZERS
VERTICAL TAILS
GS **STABILIZERS (FLUID DYNAMICS)**
. HORIZONTAL TAIL SURFACES
RT AERIAL RUDDERS
AIRFOILS
CONTROL SURFACES
ELEVATORS (CONTROL SURFACES)
FINS
KEELS
RUDDERS
∞ STABILIZERS
SWEPTBACK TAIL SURFACES
T TAIL SURFACES
TABS (CONTROL SURFACES)
TAIL ASSEMBLIES
TAIL SURFACES
TRAPEZOIDAL TAIL SURFACES

STABLE OSCILLATIONS

GS OSCILLATIONS
. **STABLE OSCILLATIONS**
RT DYNAMIC STABILITY
FREQUENCY STABILITY
GYROSCOPIC STABILITY
MOTION STABILITY
NONSTABILIZED OSCILLATION
RESONANT VIBRATION
TRANSVERSE OSCILLATION
UNDAMPED OSCILLATIONS
WING OSCILLATIONS

STACKING FAULT ENERGY

RT CRYSTAL DEFECTS
∞ ENERGY
TWINNING

STACKING FAULTS

USE CRYSTAL DEFECTS

STACKS

RT CHIMNEYS
CRYSTAL DEFECTS
MATERIALS HANDLING

STADAN (SATELLITE TRACKING NETWORK)

USE STDN (NETWORK)

STADIMETERS

GS MEASURING INSTRUMENTS
. DISTANCE MEASURING EQUIPMENT
. **STADIMETERS**
RT RANGE FINDERS
SEXTANTS

STAGE SEPARATION

UF STAGING (ROCKETS)
RT BOOSTER ROCKET ENGINES
EXPENDABLE STAGES (SPACECRAFT)
INTERIM STAGES (SPACECRAFT)
LUNAR MODULE ASCENT STAGE
MISSILES
MULTISTAGE ROCKET VEHICLES
PROPELLANT MASS RATIO
ROCKET VEHICLES
∞ SEPARATION
SPACE SHUTTLE ASCENT STAGE
SUSTAINER ROCKET ENGINES
THRUST TERMINATION
UPPER STAGE ROCKET ENGINES

STAGGERING

RT ∞ CONFIGURATIONS
DISORIENTATION

STAGING (ROCKETS)

USE STAGE SEPARATION

STAGNATION FLOW

GS FLUID FLOW
. INVISCID FLOW
. **STAGNATION FLOW**
RT BOUNDARY LAYER FLOW
BOUNDARY LAYER SEPARATION
COMPRESSIBLE FLOW

STAGNATION POINT

UF STAGNATION REGION
RT FLUID DYNAMICS

STAGNATION PRESSURE

GS PRESSURE
. **STAGNATION PRESSURE**
RT COMPRESSIBLE FLOW
INLET PRESSURE

STAGNATION REGION

USE STAGNATION POINT

STAGNATION TEMPERATURE

GS TEMPERATURE
. **STAGNATION TEMPERATURE**
RT ADIABATIC FLOW
COMPRESSIBLE FLOW
INVISCID FLOW

STAINING

RT CHEMICAL TESTS
DISCOLORATION
MARKING
METHYLENE
METHYLENE BLUE

STAINLESS STEELS

GS ALLOYS
. IRON ALLOYS
. **STEELS**
. **STAINLESS STEELS**
. . . . AUSTENITIC STAINLESS STEELS
. . . . FERRITIC STAINLESS STEELS
. . . . MARTENSITIC STAINLESS STEELS
RT CHROMIUM ALLOYS
MARAGING STEELS
MOLYBDENUM ALLOYS
NICKEL ALLOYS
NICKEL STEELS

STAIRCASES

USE STAIRWAYS

STAIRSTEPS

RT FORMATIONS
∞ STEPS
TOPOGRAPHY

STAIRWAYS

UF STAIRCASES
RT ∞ BUILDINGS
ESCALATORS
LADDERS
TREADS

∞ STALLING

SN *(USE OF A MORE SPECIFIC TERM IS
RECOMMENDED—CONSULT THE TERMS
LISTED BELOW)*
RT AERODYNAMIC STALLING
BOUNDARY LAYER SEPARATION
ENGINE FAILURE

STAMPING

SN (EXCLUDES IDENTIFICATION MARKING)
GS FORMING TECHNIQUES
. PRESSING (FORMING)
. **STAMPING**
RT ∞ BLANKING
BLANKING (CUTTING)
COINING
COLD WORKING
DIES
DIMPLING
FORGING
HOT PRESSING
METAL WORKING
PUNCHES
SHEARING
SWAGING
UPSETTING

STANDARD ATMOSPHERES

USE REFERENCE ATMOSPHERES

STANDARD DEVIATION

GS MOMENTS
. DISTRIBUTION MOMENTS
. . **STANDARD DEVIATION**
STATISTICAL ANALYSIS
. **STANDARD DEVIATION**
RT CONFIDENCE LIMITS
ESTIMATING
HETEROGENEITY
QUALITY CONTROL
RANGE (EXTREMES)
VARIABILITY

NASA THESAURUS (VOLUME 1)

STANDARD DEVIATION-(CONT.)

VARIANCE (STATISTICS)

STANDARD LAUNCH VEHICLE F 1

GS LAUNCH VEHICLES
. STANDARD LAUNCH VEHICLES
. . **STANDARD LAUNCH VEHICLE F 1**
ROCKET VEHICLES
. STANDARD LAUNCH VEHICLES
. . **STANDARD LAUNCH VEHICLE F 1**

STANDARD LAUNCH VEHICLE 1

GS LAUNCH VEHICLES
. STANDARD LAUNCH VEHICLES
. . **STANDARD LAUNCH VEHICLE 1**
ROCKET VEHICLES
. STANDARD LAUNCH VEHICLES
. . **STANDARD LAUNCH VEHICLE 1**

STANDARD LAUNCH VEHICLE 1B

GS LAUNCH VEHICLES
. STANDARD LAUNCH VEHICLES
. . **STANDARD LAUNCH VEHICLE 1B**
ROCKET VEHICLES
. MULTISTAGE ROCKET VEHICLES
. . **STANDARD LAUNCH VEHICLE 1B**
. STANDARD LAUNCH VEHICLES
. . **STANDARD LAUNCH VEHICLE 1B**
RT SOLID PROPELLANT ROCKET ENGINES

STANDARD LAUNCH VEHICLE 2A

GS LAUNCH VEHICLES
. STANDARD LAUNCH VEHICLES
. . **STANDARD LAUNCH VEHICLE 2A**
ROCKET VEHICLES
. STANDARD LAUNCH VEHICLES
. . **STANDARD LAUNCH VEHICLE 2A**

STANDARD LAUNCH VEHICLE 3

USE ATLAS SLV-3 LAUNCH VEHICLE

STANDARD LAUNCH VEHICLE 5

GS LAUNCH VEHICLES
. STANDARD LAUNCH VEHICLES
. . **STANDARD LAUNCH VEHICLE 5**
ROCKET VEHICLES
. STANDARD LAUNCH VEHICLES
. . **STANDARD LAUNCH VEHICLE 5**

STANDARD LAUNCH VEHICLES

UF SLV
GS LAUNCH VEHICLES
. **STANDARD LAUNCH VEHICLES**
. . ATLAS SLV-3 LAUNCH VEHICLE
. . STANDARD LAUNCH VEHICLE F 1
. . STANDARD LAUNCH VEHICLE 1
. . STANDARD LAUNCH VEHICLE 1B
. . STANDARD LAUNCH VEHICLE 2A
. . STANDARD LAUNCH VEHICLE 5
ROCKET VEHICLES
. **STANDARD LAUNCH VEHICLES**
. . ATLAS SLV-3 LAUNCH VEHICLE
. . STANDARD LAUNCH VEHICLE F 1
. . STANDARD LAUNCH VEHICLE 1
. . STANDARD LAUNCH VEHICLE 1B
. . STANDARD LAUNCH VEHICLE 2A
. . STANDARD LAUNCH VEHICLE 5
RT ATLAS D ICBM
BLUE SCOUT JR ROCKET VEHICLE

STANDARDIZATION

GS **STANDARDIZATION**
. COMMONALITY (EQUIPMENT)
RT CALIBRATING
METRICATION
NAMING
NUMERICAL CONTROL
PRODUCT DEVELOPMENT
PRODUCTION ENGINEERING
QUALITY CONTROL
SPECIFICATIONS
STANDARDS
VARIABILITY

STANDARDIZED SPACE GUIDANCE

UF SSGS (STANDARDIZED SPACE
GUIDANCE)
GS GUIDANCE (MOTION)
. **STANDARDIZED SPACE GUIDANCE**
RT SPACE NAVIGATION

STANDARDS

UF REFERENCES (STANDARDS)
GS **STANDARDS**

STANDARDS-(CONT.)

RT . FREQUENCY STANDARDS
 . REFERENCE ATMOSPHERES
 ACCEPTABILITY
 ACCURACY
 CALIBRATING
 ∞ CODES
 CONVENTIONS
 CRITERIA
 INSPECTION
 ∞ MEASUREMENT
 ∞ MEASURES
 METROLOGY
 ∞ PERFORMANCE
 PERFORMANCE TESTS
 QUALITY CONTROL
 RELIABILITY
 SAMPLING
 SPECIFICATIONS
 STANDARDIZATION
 TEMPERATURE SCALES
 TOLERANCES (MECHANICS)
 VALIDITY
 VALUE ENGINEERING

STANDING WAVE RATIOS

GS RATIOS
 . STANDING WAVE RATIOS
 RT AMPLITUDES
 ELECTRICAL PROPERTIES
 SMITH CHART
 TRANSMISSION LINES

STANDING WAVES

RT ANTINODES
 BEAT FREQUENCIES
 FREQUENCIES
 HARMONICS
 NODES (STANDING WAVES)
 ∞ RADIATION
 RESONANT FREQUENCIES
 VIBRATION
 WAVELENGTHS
 ∞ WAVES

STANDS

USE SUPPORTS

STANNATES

GS TIN COMPOUNDS
 . STANNATES
 RT ∞ OXYGEN COMPOUNDS

STANNIDES

GS TIN COMPOUNDS
 . STANNIDES
 . NIOBIUM STANNIDES
 RT TIN ALLOYS

STANNOSILOXANE

GS ALIPHATIC COMPOUNDS
 . STANNOSILOXANE
 SILICON COMPOUNDS
 . ORGANIC SILICON COMPOUNDS
 . STANNOSILOXANE

STANTON NUMBER

GS RATIOS
 . DIMENSIONLESS NUMBERS
 . STANTON NUMBER
 RT FORCED CONVECTION
 HEAT TRANSFER

STAPHYLOCOCCUS

GS MICROORGANISMS
 . BACTERIA
 . STAPHYLOCOCCUS
 RT PLEUROTIN

STAR CLUSTERS

GS CELESTIAL BODIES
 . STAR CLUSTERS
 . PRAESEPE STAR CLUSTERS
 . VIRGO GALACTIC CLUSTER
 RT BARRED GALAXIES
 BINARY STARS
 DISK GALAXIES
 ELLIPTICAL GALAXIES
 GALACTIC CLUSTERS
 GALAXIES
 MAGELLANIC CLOUDS
 STARS
 VIRGO GALACTIC CLUSTER

STAR DISTRIBUTION

UF STAR FIELDS
 STELLAR FIELDS
 GS DISTRIBUTION (PROPERTY)
 . SPATIAL DISTRIBUTION
 . STAR DISTRIBUTION
 . VERTICAL DISTRIBUTION
 . STAR DISTRIBUTION
 RT ANGULAR DISTRIBUTION
 ASTROLABES
 BARRED GALAXIES
 COSMOLOGY
 GALACTIC CLUSTERS
 GALACTIC EVOLUTION
 GLOBULAR CLUSTERS
 MASS DISTRIBUTION
 RADIAL DISTRIBUTION
 VIRGO GALACTIC CLUSTER

STAR FIELDS

USE STAR DISTRIBUTION

STAR TRACKERS

UF STAR TRACKING
 GS TRACKING (POSITION)
 . STAR TRACKERS
 . CCD STAR TRACKER
 RT ASTROGUIDE NAVIGATION SYSTEM
 ASTROLABES
 ATTITUDE CONTROL
 CELESTIAL NAVIGATION
 FLIGHT INSTRUMENTS
 GUIDANCE SENSORS
 INERTIAL NAVIGATION
 MISSILE CONTROL
 NAVIGATION
 NAVIGATION AIDS
 NAVIGATION INSTRUMENTS
 SOLAR SENSORS
 SPACECRAFT GUIDANCE

STAR TRACKING

USE STAR TRACKERS

STARCHES

GS ALIPHATIC COMPOUNDS
 . POLYSACCHARIDES
 . STARCHES
 CARBOHYDRATES
 . POLYSACCHARIDES
 . STARCHES
 RT CHITIN
 ∞ FOOD
 SIZING MATERIALS

STARFIGHTER AIRCRAFT

USE F-104 AIRCRAFT

STARK EFFECT

RT ∞ EFFECTS
 ELECTRIC FIELDS
 ELECTRO-OPTICS
 HYDROGEN PLASMA
 LINE SPECTRA
 RESOLUTION
 SPECTRUM ANALYSIS
 ZEEMAN EFFECT

STARLAB

UF SPACELAB UV-OPTICAL TELESCOPE
 FACILITY
 GS PAYLOADS
 . STARLAB
 RT SPACELAB

STARLIFTER AIRCRAFT

USE C-141 AIRCRAFT

STARS

GS CELESTIAL BODIES
 . STARS
 . BINARY STARS
 . COMPANION STARS
 . ECLIPSING BINARY STARS
 . DWARF NOVAE
 . DWARF STARS
 . DWARF NOVAE
 . FLARE STARS
 . SUBDWARF STARS
 . WHITE DWARF STARS
 . EARLY STARS
 . PROTOSTARS
 . T TAURI STARS
 . EXTARS

STARS-(CONT.)

. HERBIG-HARO OBJECTS
 . HOT STARS
 . A STARS
 . B STARS
 . BLUE STARS
 . O STARS
 . WHITE DWARF STARS
 . WOLF-RAYET STARS
 . INFRARED STARS
 . LAMBDA TAURI STARS
 . LATE STARS
 . M STARS
 . FLARE STARS
 . MAGNETIC STARS
 . MAIN SEQUENCE STARS
 . METALLIC STARS
 . NEUTRON STARS
 . PULSARS
 . OMICRON CETI STAR
 . PECULIAR STARS
 . POLLUX STAR
 . PRAESEPE STAR CLUSTERS
 . RADIO STARS
 . PULSARS
 . REFERENCE STARS
 . S STARS
 . GIANT STARS
 . RED GIANT STARS
 . CARBON STARS
 . SIGMA ORIONIS
 . SUBGIANT STARS
 . SUN
 . SUPERGIANT STARS
 . SUPERMASSIVE STARS
 . VAN BIESBROECK STAR
 . VARIABLE STARS
 . CEPHEID VARIABLES
 . NOVAE
 . DWARF NOVAE
 . HERCULES NOVA
 . SUPERNOVAE
 . T TAURI STARS
 . WHITE HOLES (ASTRONOMY)
 . ZETA AURIGAE STAR
 RT ARIES CONSTELLATION
 ASTROLABES
 BARRED GALAXIES
 CELESTIAL MECHANICS
 CENTAURUS CONSTELLATION
 CONSTELLATIONS
 CORONA BOREALIS CONSTELLATION
 CYGNUS CONSTELLATION
 GALAXIES
 LYRAE CONSTELLATION
 MAGELLANIC CLOUDS
 MILKY WAY GALAXY
 QUASARS
 STAR CLUSTERS
 STARSPOTS
 STELLAR MAGNITUDE
 STELLAR OSCILLATIONS
 VIRGO GALACTIC CLUSTER

STARS (MATHEMATICS)

RT ∞ MATHEMATICS

STARSAT TELESCOPE

GS TELESCOPES
 . ASTRONOMICAL TELESCOPES
 . STARSAT TELESCOPE
 . REFLECTING TELESCOPES
 . STARSAT TELESCOPE
 . SPACEBORNE TELESCOPES
 . STARSAT TELESCOPE
 RT CORONAGRAPHS
 SPACEBORNE ASTRONOMY
 SPECTROHELIOGRAPHS
 ULTRAVIOLET ASTRONOMY

STARSITE PROGRAM

GS PROGRAMS
 . STARSITE PROGRAM
 RT ARCHITECTURE
 ∞ BUILDINGS
 COMMUNITIES
 CONFERENCES
 CONSTRUCTION
 DECISION MAKING
 ∞ DEVELOPMENT
 ENVIRONMENTAL ENGINEERING
 INFORMATION RETRIEVAL
 LAND USE
 MANAGEMENT METHODS
 NASA PROGRAMS

STARSPOTS

STARSITE PROGRAM-(CONT.)

PLANNING
RECREATION
SHELTERS
SOCIAL FACTORS
TECHNOLOGY TRANSFER
URBAN DEVELOPMENT
URBAN PLANNING

STARSPOTS

RT FACULAE
MAGNETIC DISTURBANCES
PHOTOSPHERE
SOLAR ACTIVITY
STARS
STELLAR ATMOSPHERES
STELLAR LUMINOSITY
STELLAR MAGNETIC FIELDS
STELLAR RADIATION
SUNSPOT CYCLE
TWENTY-SEVEN DAY VARIATION

STARTERS

GS **STARTERS**
. ENGINE STARTERS
RT ACTUATORS
IGNITION SYSTEMS
SQUIBS
STARTING

STARTING

RT ACTIVATION
ACTUATION
CYCLES
ELECTRIC IGNITION
ENGINE PRIMERS
EXCITATION
FIRING (IGNITING)
IGNITION
INITIATION
LAUNCHING
∞ PRIMING
REACTOR STARTUP TESTS
STARTERS
STIMULATION

STATE EQUATIONS

USE EQUATIONS OF STATE

STATE ESTIMATION

USE ORBITAL POSITION ESTIMATION

STATE VECTORS

GS ALGEBRA
. VECTOR SPACES
. . VECTORS (MATHEMATICS)
. . . **STATE VECTORS**
RT OBSERVABILITY (SYSTEMS)
PHASE-SPACE INTEGRAL
STEADY STATE

STATIC AERODYNAMIC CHARACTERISTICS

GS AERODYNAMIC CHARACTERISTICS
. **STATIC AERODYNAMIC CHARACTERISTICS**
RT AERODYNAMIC BALANCE
AERODYNAMIC STABILITY

STATIC ALTERNATORS

GS ELECTRIC GENERATORS
. AC GENERATORS
. . **STATIC ALTERNATORS**
. ROTATING GENERATORS
. . **STATIC ALTERNATORS**

STATIC DEFORMATION

GS DEFORMATION
. **STATIC DEFORMATION**
RT CREEP PROPERTIES
MAXWELL-MOHR METHOD
SAINT VENANT PRINCIPLE

STATIC DISCHARGERS

GS DISCHARGERS
. **STATIC DISCHARGERS**

STATIC ELECTRICITY

GS ELECTRICITY
. **STATIC ELECTRICITY**
RT ATMOSPHERIC ELECTRICITY
ATMOSPHERICS
ELECTRIC CORONA
ELECTRIC FIELDS
ELECTRIC POTENTIAL

STATIC ELECTRICITY-(CONT.)

ELECTRIC SPARKS
ELECTROSTATIC CHARGE
ELECTROSTATICS
LIGHTNING
OPEN CIRCUIT VOLTAGE
SPACE CHARGE

STATIC FIRING

GS CAPTIVE TESTS
. STATIC TESTS
. . **STATIC FIRING**
ENGINE TESTS
. **STATIC FIRING**
FIRING (IGNITING)
. TEST FIRING
. . **STATIC FIRING**
GROUND TESTS
. PRELAUNCH TESTS
. . **STATIC FIRING**
NONDESTRUCTIVE TESTS
. PRELAUNCH TESTS
. . **STATIC FIRING**
RT ROCKET FIRING

STATIC FRICTION

GS FRICTION
. **STATIC FRICTION**
RT COEFFICIENT OF FRICTION
DRY FRICTION
FRICTION MEASUREMENT
KINETIC FRICTION
SLIDING
SLIDING FRICTION

STATIC INVERTERS

GS INVERTERS
. **STATIC INVERTERS**
RT ELECTRIC GENERATORS

STATIC LOADS

UF DEADWEIGHT
GS LOADS (FORCES)
. **STATIC LOADS**
RT AERODYNAMIC LOADS
AXIAL COMPRESSION LOADS
AXIAL LOADS
BALLAST (MASS)
BENDING MOMENTS
COMPRESSION LOADS
CRITICAL LOADING
DYNAMIC LOADS
EDGE LOADING
LOADING MOMENTS
MASS DISTRIBUTION
MOMENT DISTRIBUTION
PRESSURE DISTRIBUTION
RANDOM LOADS
SAINT VENANT PRINCIPLE
STRUCTURAL DESIGN CRITERIA
WING LOADING

STATIC PRESSURE

GS PRESSURE
. **STATIC PRESSURE**
. . HYDROSTATIC PRESSURE
RT ISOSTATIC PRESSURE
PITOT TUBES
SOUND PRESSURE

STATIC STABILITY

GS STABILITY
. **STATIC STABILITY**
. . DIMENSIONAL STABILITY
. . . STRUCTURAL STABILITY
. . . . SHELL STABILITY
RT AIRCRAFT STABILITY
COUNTERBALANCES
DRIFT (INSTRUMENTATION)
DYNAMIC STABILITY
MAGNETOHYDROSTATICS
STORAGE STABILITY
STRATIFICATION
SURFACE STABILITY

STATIC TESTS

SN (ENCOMPASSES MATERIALS, ENGINE,
AND VEHICLE TESTS)
GS CAPTIVE TESTS
. **STATIC TESTS**
. . **STATIC FIRING**
RT COLD FLOW TESTS
COMPRESSION TESTS
CREEP TESTS
DYNAMIC TESTS

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STATIC TESTS-(CONT.)

ENGINE TESTS
FATIGUE TESTS
GROUND TESTS
HARDNESS TESTS
INSPECTION
LOAD TESTS
∞ MATERIALS TESTS
MISSILE TESTS
NONDESTRUCTIVE TESTS
PREFIRING TESTS
PRELAUNCH TESTS
QUALITY CONTROL
RESONANCE TESTING
TENSILE TESTS
TEST FIRING
∞ TESTS
VIBRATION TESTS
WEAR TESTS

STATIC THRUST

GS THRUST
. **STATIC THRUST**
RT JET THRUST
ROCKET THRUST

STATICS

GS **STATICS**
. AEROSTATICS
. ELECTROSTATICS
. HYDROSTATICS
. . MAGNETOHYDROSTATICS
RT ∞ DYNAMICS
ELASTOSTATICS
∞ EQUILIBRIUM
FLUID MECHANICS
∞ MECHANICS (PHYSICS)

STATIONARY ORBITS

GS ORBITS
. CIRCULAR ORBITS
. . **STATIONARY ORBITS**
. EQUATORIAL ORBITS
. . **STATIONARY ORBITS**
. SPACECRAFT ORBITS
. . SATELLITE ORBITS
. . . **STATIONARY ORBITS**
RT EARTH ORBITS
GEOSYNCHRONOUS ORBITS
SYNCHRONOUS SATELLITES
TWENTY-FOUR HOUR ORBITS

STATIONKEEPING

RT GUIDANCE (MOTION)
NAVIGATION
ORBITAL MECHANICS
ORBITS
PAYLOAD RETRIEVAL (STS)
POSITIONING
SPACECRAFT CONTROL

STATIONS

GS **STATIONS**
. AUTOMATIC WEATHER STATIONS
. CREW STATIONS
. . CREW EXPERIMENT STATIONS
. . CREW OBSERVATION STATIONS
. . CREW WORK STATIONS
. GROUND STATIONS
. DEEP SPACE INSTRUMENTATION
FACILITY
. EARTH TERMINALS
. INTEGRATED MISSION CONTROL
CENTER
. POLYSTATION DOPPLER TRACKING
SYSTEM
. SPACE DETECTION AND TRACKING
SYSTEM
. STDN (NETWORK)
. HYDROELECTRIC POWER STATIONS
. PAYLOAD STATIONS
. SPACE STATIONS
. . ORBITAL SPACE STATIONS
. . HALO ORBIT SPACE STATION
. . LONG DURATION EXPOSURE
FACILITY
. . ORBITAL WORKSHOPS
. . ORBITING LUNAR STATIONS
. . SALLYUT SPACE STATION
. . SPACE BASE COMMAND CENTER
. TRACKING STATIONS
. DEEP SPACE INSTRUMENTATION
FACILITY
. GLOBAL TRACKING NETWORK

STATIONS-(CONT.)

- . . POLYSTATION DOPPLER TRACKING SYSTEM
- . . SPACE DETECTION AND TRACKING SYSTEM
- . . STDN (NETWORK)
- . WEATHER STATIONS
- RT ∞ BASES
- ∞ FACILITIES
- LUNAR BASES
- MILITARY AIR FACILITIES
- PLANETARY BASES
- POSITION (LOCATION)
- SPACE BASES
- SPACE FLIGHT TRACKING AND DATA NETWORK

STATISTICAL ANALYSIS

- GS **STATISTICAL ANALYSIS**
 - . AMPLITUDE DISTRIBUTION ANALYSIS
 - . CORRELATION COEFFICIENTS
 - . DISCRIMINANT ANALYSIS (STATISTICS)
 - . FACTOR ANALYSIS
 - . GOODNESS OF FIT
 - . LIKELIHOOD RATIO
 - . MAXWELL-BOLTZMANN DENSITY FUNCTION
 - . NONPARAMETRIC STATISTICS
 - . POISSON DENSITY FUNCTIONS
 - . PROBABILITY DENSITY FUNCTIONS
 - . . . NORMAL DENSITY FUNCTIONS
 - . . . PEARSON DISTRIBUTIONS
 - . . . RAYLEIGH DISTRIBUTION
 - . . . WEIBULL DENSITY FUNCTIONS
 - . PROBABILITY DISTRIBUTION FUNCTIONS
 - . QUANTILES
 - . SEQUENTIAL ANALYSIS
 - . STANDARD DEVIATION
 - . STATISTICAL CORRELATION
 - . STATISTICAL DECISION THEORY
 - . STATISTICAL TESTS
 - . . . KOLMOGOROFF-SMIRNOFF TEST
 - . . . MANN-WHITNEY-WILCOXON U TEST
 - . . . RANK TESTS
 - . . . VARIANCE (STATISTICS)
 - . . . ANALYSIS OF VARIANCE
 - . . . MULTIVARIATE STATISTICAL ANALYSIS
 - . . . BIVARIATE ANALYSIS
 - . . . COVARIANCE
 - . . . REGRESSION ANALYSIS
- RT ∞ ANALYZING
- ∞ APPLICATIONS OF MATHEMATICS
- APPROXIMATION
- AUTOREGRESSIVE PROCESSES
- BINOMIAL THEOREM
- BIOMETRICS
- CENSORED DATA (MATHEMATICS)
- CHARTS
- CHEBYSHEV APPROXIMATION
- COEFFICIENTS
- CONFIDENCE
- CONFIDENCE LIMITS
- CONTINUITY (MATHEMATICS)
- CORRELATION
- ∞ DATA
- DATA CORRELATION
- DECISION THEORY
- DISCRETE FUNCTIONS
- ∞ DISPERSION
- ECONOMICS
- ESTIMATES
- ESTIMATING
- EVENTS
- EXPECTANCY HYPOTHESIS
- EXPERIMENTAL DESIGN
- EXPONENTIAL FUNCTIONS
- EXTRAPOLATION
- FACTORIAL DESIGN
- FAILURE ANALYSIS
- FORECASTING
- GAME THEORY
- GAUSS-MARKOV THEOREM
- GRAPHS (CHARTS)
- INFORMATION THEORY
- INSPECTION
- INTERPOLATION
- LINEAR PREDICTION
- MANAGEMENT
- ∞ MATHEMATICS
- MAXIMUM ENTROPY METHOD
- MEAN
- MEDIAN (STATISTICS)
- MILLS RATIO

STATISTICAL ANALYSIS-(CONT.)

- MINIMUM VARIANCE ORBIT DETERMINATION
- MONTE CARLO METHOD
- MTBF
- OPERATIONS RESEARCH
- OUTLIERS (STATISTICS)
- PARAMETER IDENTIFICATION
- PROBABILITY THEORY
- QUALITY CONTROL
- QUANTILES
- QUEUEING THEORY
- RANDOM PROCESSES
- RELIABILITY
- ROOT-MEAN-SQUARE ERRORS
- SAMPLING
- ∞ STATISTICS
- STOCHASTIC PROCESSES
- SYSTEM IDENTIFICATION
- SYSTEMS ANALYSIS
- SYSTEMS ENGINEERING
- TABLES (DATA)
- TRAVELING SALESMAN PROBLEM
- WIENER FILTERING
- YANG-MILLS THEORY

STATISTICAL COMMUNICATION THEORY

- USE COMMUNICATION THEORY

STATISTICAL CORRELATION

- GS CORRELATION
 - . **STATISTICAL CORRELATION**
 - STATISTICAL ANALYSIS
- RT CORRELATION COEFFICIENTS
 - . DATA CORRELATION
 - ECONOMETRICS
 - EVALUATION
 - QUALITY CONTROL
- ∞ STATISTICS

STATISTICAL DECISION THEORY

- GS DECISION THEORY
 - . **STATISTICAL DECISION THEORY**
 - STATISTICAL ANALYSIS
- RT **STATISTICAL DECISION THEORY**
 - GAME THEORY

STATISTICAL DISTRIBUTIONS

- UF RANDOM DISTRIBUTIONS
- GS **STATISTICAL DISTRIBUTIONS**
 - . BRIGHTNESS DISTRIBUTION
 - . PEARSON DISTRIBUTIONS
 - . PROBABILITY DISTRIBUTION FUNCTIONS
 - . . . RAYLEIGH DISTRIBUTION
- RT BINOMIAL THEOREM
 - CENSORED DATA (MATHEMATICS)
 - COMPLEXITY
 - CURVE FITTING
- ∞ DISTRIBUTION
 - DISTRIBUTION (PROPERTY)
 - DISTRIBUTION FUNCTIONS
 - DISTRIBUTION MOMENTS
 - ERROR FUNCTIONS
 - EVENTS
 - EXPECTANCY HYPOTHESIS
 - FORECASTING
 - GAMMA FUNCTION
 - GOODNESS OF FIT
 - KURTOSIS
 - MATHEMATICAL MODELS
 - OUTLIERS (STATISTICS)
 - PROBABILITY THEORY
 - QUALITY CONTROL
 - QUANTILES
 - QUANTUM THEORY
 - QUANTILES
 - RELIABILITY
 - SCATTERING
 - SIZE DISTRIBUTION

STATISTICAL MECHANICS

- RT BOLTZMANN DISTRIBUTION
 - BOLTZMANN TRANSPORT EQUATION
 - CLASSICAL MECHANICS
 - CLOSURE LAW
 - CONTINUUM MECHANICS
 - ENERGY DISTRIBUTION
 - FLUCTUATION THEORY
 - FUNCTION SPACE
 - LIIOVILLE EQUATIONS
 - MACROSCOPIC EQUATIONS
 - MALKUS THEORY
 - MANY BODY PROBLEM

STATISTICAL MECHANICS-(CONT.)

- MAXWELL-BOLTZMANN DENSITY FUNCTION
- ∞ MECHANICS (PHYSICS)
- ONSAGER PHENOMENOLOGICAL COEFFICIENT
- QUANTUM MECHANICS
- QUANTUM THEORY
- THERMODYNAMIC EQUILIBRIUM
- WEIGHTING FUNCTIONS

STATISTICAL MOMENTS

- USE DISTRIBUTION MOMENTS

STATISTICAL PROBABILITY

- USE PROBABILITY THEORY

STATISTICAL TESTS

- GS STATISTICAL ANALYSIS
 - . **STATISTICAL TESTS**
 - . . . KOLMOGOROFF-SMIRNOFF TEST
 - . . . MANN-WHITNEY-WILCOXON U TEST
 - . . . RANK TESTS
- RT CHARTS
 - CONFIDENCE LIMITS
 - CURVE FITTING
- ∞ DATA
 - ESTIMATES
 - ESTIMATING
 - FACTOR ANALYSIS
 - GOODNESS OF FIT
 - HETEROGENEITY
 - HOMOGENEITY
 - LIKELIHOOD RATIO
 - NORMALITY
 - NULL HYPOTHESIS
 - OUTLIERS (STATISTICS)
 - QUALITY CONTROL
 - RANGE (EXTREMES)
 - REGRESSION ANALYSIS
 - RELIABILITY
 - SIGNIFICANCE
- ∞ TESTS
- VALIDITY

STATISTICAL WEATHER FORECASTING

- GS FORECASTING
 - . WEATHER FORECASTING
 - . . **STATISTICAL WEATHER FORECASTING**
- METEOROLOGY
 - . WEATHER FORECASTING
 - . . **STATISTICAL WEATHER FORECASTING**
- RT LONG RANGE WEATHER FORECASTING
 - NUMERICAL WEATHER FORECASTING

∞ STATISTICS

- SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)*
- RT ARRAYS
 - BIOMETRICS
 - CENSUS
- ∞ DATA
 - DEMOGRAPHY
 - ENTROPY (STATISTICS)
 - ESTIMATES
 - ESTIMATING
 - FERMI-DIRAC STATISTICS
 - INFORMATION THEORY
 - NONPARAMETRIC STATISTICS
 - POPULATIONS
 - PROBABILITY THEORY
 - QUANTILES
 - QUANTUM STATISTICS
 - RANDOM VARIABLES
 - RELIABILITY
 - SAMPLING
 - STATISTICAL ANALYSIS
 - STATISTICAL CORRELATION
 - STOCHASTIC PROCESSES
 - SURVEYS
 - SYSTEMS ENGINEERING
 - TABLES (DATA)
 - TIME SERIES ANALYSIS

STATOR BLADES

- GS TURBOMACHINE BLADES
 - . **STATOR BLADES**
- RT ∞ BLADES
 - COMPRESSOR BLADES
 - ROTOR BLADES (TURBOMACHINERY)
 - STATORS
 - TURBINE BLADES

STATORS

STATOR BLADES-(CONT.) VANES

STATORS

RT COMPRESSORS
ELECTRIC MOTORS
∞ GENERATORS
IMPELLERS
MOTORS
PUMPS
∞ ROTATING ELECTRICAL MACHINES
ROTORS
STATOR BLADES
TURBINES

STAYS

USE GUY WIRES

STDN (NETWORK)

UF SATELLITE TRACKING AND DATA ACQ
NETWORK
SPACECRAFT TRACKING AND DATA
NETWORK
STADAN (SATELLITE TRACKING
NETWORK)
GS STATIONS
. GROUND STATIONS
. STDN (NETWORK)
. TRACKING STATIONS
. STDN (NETWORK)
TRACKING NETWORKS
. STDN (NETWORK)
RT DATA ACQUISITION
GLOBAL TRACKING NETWORK
MINITRACK SYSTEM
OPTICAL TRACKING
RANGE AND RANGE RATE TRACKING
SATELLITE TRACKING
SPACE DETECTION AND TRACKING
SYSTEM
SPACE FLIGHT TRACKING AND DATA
NETWORK

STEADY FLOW

GS FLUID FLOW
. STEADY FLOW
. COUETTE FLOW
. HARTMANN FLOW
RT BELTRAMI FLOW
CONTINUITY EQUATION
CRITICAL FLOW
CROCCO METHOD
EQUILIBRIUM FLOW
FLOW CHARACTERISTICS
FLOW GEOMETRY
FLOW STABILITY
GAS FLOW
HEAT TRANSMISSION
HYDRODYNAMIC COEFFICIENTS
LAMINAR FLOW
LIQUID FLOW
LOW TURBULENCE
MASS FLOW
METHOD OF CHARACTERISTICS
MULTIPHASE FLOW
NONNEWTONIAN FLOW
ORIFICE FLOW
PARALLEL FLOW
PIPE FLOW
PRESSURE GRADIENTS
QUASI-STEADY STATES
SINGLE-PHASE FLOW
SOLIDS FLOW
STEAM FLOW
STOKES FLOW
SUBCRITICAL FLOW
SUPERCRITICAL FLOW
TURBULENCE
TURBULENT FLOW
TWO DIMENSIONAL FLOW
UNIFORM FLOW
UNSTEADY FLOW

STEADY STATE

RT ∞ EQUILIBRIUM
FLUID DYNAMICS
METASTABLE STATE
STABILITY
STATE VECTORS
UNSTEADY FLOW
UNSTEADY STATE

STEADY STATE CREEP

GS MECHANICAL PROPERTIES
. CREEP PROPERTIES

STEADY STATE CREEP-(CONT.) STEADY STATE CREEP

RT PLASTIC FLOW
QUASI-STEADY STATES

STEADY STATE FLOW

USE EQUILIBRIUM FLOW

STEAM

RT BOILERS
FOG
SUPERHEATING
THERMODYNAMICS
WATER
WATER VAPOR

STEAM FLOW

GS FLUID FLOW
. STEAM FLOW
RT CRITICAL FLOW
GAS FLOW
LAMINAR FLOW
MASS FLOW
MULTIPHASE FLOW
ORIFICE FLOW
PIPE FLOW
PIPELINES
PRESSURE GRADIENTS
SINGLE-PHASE FLOW
STEADY FLOW
SUBCRITICAL FLOW
SUPERCRITICAL FLOW
TURBULENT FLOW
UNIFORM FLOW
UNSTEADY FLOW

STEAM GENERATORS

USE BOILERS

STEAM TURBINES

GS TURBOMACHINERY
. TURBINES
. STEAM TURBINES
RT AXIAL FLOW TURBINES
COMBINED CYCLE POWER GENERATION
GAS TURBINE ENGINES
GAS TURBINES
TURBOGENERATORS
TWO STAGE TURBINES

STEARATES

GS ALIPHATIC COMPOUNDS
. STEARATES
. BARIUM STEARATES
ESTERS
. STEARATES
. BARIUM STEARATES
RT SOAPS

STEAROTHERMOPHILUS

GS MICROORGANISMS
. BACTERIA
. STEAROTHERMOPHILUS

STEATITE

USE TALC

STEEL STRUCTURES

GS WELDED STRUCTURES
. STEEL STRUCTURES
RT COMPOSITE STRUCTURES
CONSTRUCTION
RIGID STRUCTURES
∞ STRUCTURES

STEELS

GS ALLOYS
. IRON ALLOYS
. STEELS
. . . BAINITIC STEEL
. . . CARBON STEELS
. . . LOW CARBON STEELS
. . . CHROMIUM STEELS
. . . CROLOY
. . . HIGH STRENGTH STEELS
. . . MARAGING STEELS
. . . NICKEL STEELS
. . . STAINLESS STEELS
. . . . AUSTENITIC STAINLESS STEELS
. . . . FERRITIC STAINLESS STEELS
. . . . MARTENSITIC STAINLESS STEELS
RT AUSTENITE
BAINITE
CEMENTITE

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STEELS-(CONT.)

FERRITES
HYDROGEN EMBRITTLEMENT
MARTENSITE
PEARLITE

STEEP GRADIENT AIRCRAFT

USE V/STOL AIRCRAFT

STEEPEST ASCENT METHOD

USE STEEPEST DESCENT METHOD

STEEPEST DESCENT METHOD

UF STEEPEST ASCENT METHOD
RT CALCULUS OF VARIATIONS
DYNAMIC PROGRAMMING
∞ METHODOLOGY
MINIMA
OPTIMIZATION
PARAMETER IDENTIFICATION
SYSTEM IDENTIFICATION

STEEPNESS

USE SLOPES

STEERABLE ANTENNAS

SN (ANTENNAS DESIGNED OR ARRANGED
TO PERMIT CHANGES IN THE
DIRECTION OF AIM BY ALTERATIONS
OF PHASE RELATIONS)
GS ANTENNAS
. DIRECTIONAL ANTENNAS
. STEERABLE ANTENNAS
. . . INERTIALESS STEERABLE
ANTENNAS
ARRAYS
. ANTENNA ARRAYS
. . . STEERABLE ANTENNAS
. . . INERTIALESS STEERABLE
ANTENNAS
RT PHASED ARRAYS
RADAR ANTENNAS

STEERING

RT ∞ CONTROL
CONTROL ROCKETS
CONTROLLABILITY
ELECTRON OPTICS
∞ FLIGHT
FOCUSING
SUSPENSION SYSTEMS (VEHICLES)

STEERING ROCKETS

USE CONTROL ROCKETS

STEFAN-BOLTZMANN LAW

GS LAWS
. RADIATION LAWS
. . . STEFAN-BOLTZMANN LAW
RT ELECTROMAGNETIC RADIATION
EMISSION
FLUX (RATE)
HEAT RADIATORS
KIRCHHOFF LAW OF RADIATION
RADIATIVE HEAT TRANSFER

STELLAR (STAR TRACKER)

USE CCD STAR TRACKER

STELLAR ATMOSPHERES

GS ENVIRONMENTS
. EXTRATERRESTRIAL ENVIRONMENTS
. . . STELLAR ATMOSPHERES
. . . CHROMOSPHERE
. . . SOLAR ATMOSPHERE
RT ∞ ATMOSPHERES
LIMB BRIGHTENING
LIMB DARKENING
METALLIC STARS
RADIATIVE TRANSFER
SATELLITE ATMOSPHERES
STARSPOTS
STELLAR CORONAS

STELLAR CORONAS

GS CORONAS
. STELLAR CORONAS
. . . SOLAR CORONA
. . . CORONAL LOOPS
RT IONIZATION
ORION NEBULA
STELLAR ATMOSPHERES

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STELLITE (TRADEMARK)

STELLAR DOPPLER SHIFT
 USE DOPPLER EFFECT
 EXTRATERRESTRIAL RADIATION

STELLAR ENVELOPES
 UF CIRCUMSTELLAR MATTER
 RT ASTROPHYSICS
 WOLF-RAYET STARS

STELLAR EVOLUTION
 GS EVOLUTION (DEVELOPMENT)
 . **STELLAR EVOLUTION**
 . . **STELLAR MASS ACCRETION**
 RT ASTROPHYSICS
 COSMOLOGY
 GALACTIC EVOLUTION
 HERTZSPRUNG-RUSSELL DIAGRAM
 HORIZONTAL BRANCH STARS
 INTERSTELLAR EXTINCTION
 LATE STARS
 MAIN SEQUENCE STARS
 NEUTRAL CURRENTS
 PLANETARY EVOLUTION
 PROTOPLANETS
 PROTOSTARS
 RED GIANT STARS
 SUBGIANT STARS

STELLAR FIELDS
 USE STAR DISTRIBUTION

STELLAR FLARES
 GS SOLAR ACTIVITY
 . **STELLAR FLARES**
 . . SOLAR FLARES
 RT FLARE STARS
 ∞ FLARES
 STELLAR LUMINOSITY
 STELLAR RADIATION

STELLAR GRAVITATION
 GS GRAVITATIONAL EFFECTS
 . **STELLAR GRAVITATION**
 GRAVITATIONAL FIELDS
 . **STELLAR GRAVITATION**
 RT GRAVITATIONAL LENSES

STELLAR LUMINOSITY
 GS ELECTROMAGNETIC PROPERTIES
 . OPTICAL PROPERTIES
 . . LUMINOSITY
 . . . **STELLAR LUMINOSITY**
 RT BRIGHTNESS
 BRIGHTNESS DISTRIBUTION
 HERTZSPRUNG-RUSSELL DIAGRAM
 HORIZONTAL BRANCH STARS
 LIMB BRIGHTENING
 LIMB DARKENING
 MASS TO LIGHT RATIOS
 RED GIANT STARS
 STARSPOTS
 STELLAR FLARES
 STELLAR PARALLAX
 WOLF-RAYET STARS

STELLAR MAGNETIC FIELDS
 GS MAGNETIC FIELDS
 . **STELLAR MAGNETIC FIELDS**
 . . SOLAR MAGNETIC FIELD
 RT ELECTROMAGNETIC FIELDS
 INTERSTELLAR MAGNETIC FIELDS
 MAGNETIC FIELD CONFIGURATIONS
 PLASMAS (PHYSICS)
 STARSPOTS

STELLAR MAGNITUDE
 GS MAGNITUDE
 . **STELLAR MAGNITUDE**
 RT ASTRONOMY
 ∞ INTENSITY
 LUMINANCE
 LUMINOUS INTENSITY
 STARS
 STELLAR PARALLAX

STELLAR MASS
 GS MASS
 . **STELLAR MASS**
 RT MAIN SEQUENCE STARS
 MASS TO LIGHT RATIOS
 NOVAE
 STELLAR TEMPERATURE
 SUPERNOVAE
 VARIABLE STARS

STELLAR MASS ACCRETION
 GS EVOLUTION (DEVELOPMENT)
 . STELLAR EVOLUTION
 . . **STELLAR MASS ACCRETION**
 RT COSMOLOGY
 DWARF NOVAE
 GALACTIC EVOLUTION
 GRAVITATIONAL EFFECTS
 INTERSTELLAR GAS
 INTERSTELLAR MATTER
 PROTOSTARS

STELLAR MASS EJECTION
 GS EJECTION
 . **STELLAR MASS EJECTION**
 RT DWARF NOVAE
 NOVAE
 SUPERNOVAE
 VARIABLE STARS
 WOLF-RAYET STARS

STELLAR MODELS
 GS MODELS
 . ASTRONOMICAL MODELS
 . . **STELLAR MODELS**
 RT ASTRONOMY
 SOLAR NEUTRINOS
 SOLAR OSCILLATIONS
 SUPERMASSIVE STARS

STELLAR MOTIONS
 GS **STELLAR MOTIONS**
 . STELLAR OSCILLATIONS
 . STELLAR ROTATION
 RT COMPANION STARS
 DOPPLER EFFECT
 DOPPLER-FIZEAU EFFECT
 GALACTIC ROTATION
 ∞ MOTION
 SIDEREAL TIME
 STELLAR PARALLAX

STELLAR OCCULTATION
 GS OCCULTATION
 . **STELLAR OCCULTATION**
 RT ECLIPSING BINARY STARS
 LUNAR OCCULTATION

STELLAR OSCILLATIONS
 GS OSCILLATIONS
 . **STELLAR OSCILLATIONS**
 . . SOLAR OSCILLATIONS
 STELLAR MOTIONS
 . **STELLAR OSCILLATIONS**
 RT ASTRONOMICAL MODELS
 ASTRONOMY
 ASTROPHYSICS
 ATMOSPHERIC MODELS
 STARS
 VARIABLE STARS

STELLAR PARALLAX
 GS PARALLAX
 . **STELLAR PARALLAX**
 RT ASTROMETRY
 BINARY STARS
 SOLAR PARALLAX
 STELLAR LUMINOSITY
 STELLAR MAGNITUDE
 STELLAR MOTIONS

STELLAR RADIATION
 GS EXTRATERRESTRIAL RADIATION
 . **STELLAR RADIATION**
 . . STELLAR WINDS
 RT COSMIC RAYS
 ELECTROMAGNETIC RADIATION
 EXTARS
 GALACTIC RADIATION
 GAMMA RAY BURSTS
 HERBIG-HARO OBJECTS
 INTERSTELLAR EXTINCTION
 INTERSTELLAR RADIATION
 LIGHT CURVE
 MICROWAVE EMISSION
 POLARIZED ELECTROMAGNETIC
 RADIATION
 ∞ RADIATION
 RADIATIVE TRANSFER
 RADIO BURSTS
 RADIO STARS
 SOLAR RADIATION
 STARSPOTS
 STELLAR FLARES

STELLAR ROTATION
 GS GYRATION
 . ROTATION
 . . **STELLAR ROTATION**
 . . . SOLAR ROTATION
 STELLAR MOTIONS
 . **STELLAR ROTATION**
 RT ANGULAR MOMENTUM
 PLANETARY ROTATION

STELLAR SPECTRA
 GS SPECTRA
 . RADIATION SPECTRA
 . . ELECTROMAGNETIC SPECTRA
 . . . **STELLAR SPECTRA**
 SOLAR SPECTRA
 RT ABSORPTION SPECTRA
 ASTRONOMICAL SPECTROSCOPY
 CONTINUOUS SPECTRA
 EMISSION SPECTRA
 HERBIG-HARO OBJECTS
 HERTZSPRUNG-RUSSELL DIAGRAM
 HORIZONTAL BRANCH STARS
 INFRARED SPECTRA
 LINE SPECTRA
 MOLECULAR SPECTRA
 PECULIAR STARS
 SEYFERT GALAXIES
 ULTRAVIOLET SPECTRA
 VISIBLE SPECTRUM
 X RAY SPECTRA

STELLAR SPECTROPHOTOMETRY
 GS OPTICAL MEASUREMENT
 . ASTRONOMICAL PHOTOMETRY
 . . **STELLAR SPECTROPHOTOMETRY**
 . . . PHOTOMETRY
 . . . SPECTROPHOTOMETRY
 **STELLAR SPECTROPHOTOMETRY**
 SPECTROSCOPY
 . SPECTROPHOTOMETRY
 . . **STELLAR SPECTROPHOTOMETRY**
 RT HORIZONTAL BRANCH STARS
 PECULIAR STARS
 SPECTROSCOPIC TELESCOPES

STELLAR STRUCTURE
 RT CHROMOSPHERE
 CORONAL HOLES
 DENSE PLASMAS
 METALLIC STARS
 PECULIAR STARS
 SOLAR ATMOSPHERE
 SOLAR CORONA
 ∞ STRUCTURES
 SUPERMASSIVE STARS

STELLAR TEMPERATURE
 GS TEMPERATURE
 . **STELLAR TEMPERATURE**
 RT STELLAR MASS

STELLAR WINDS
 GS CHROMOSPHERE
 EXTRATERRESTRIAL RADIATION
 . STELLAR RADIATION
 . . **STELLAR WINDS**
 GASES
 . IONIZED GASES
 . . CHARGED PARTICLES
 . . . **STELLAR WINDS**
 PARTICLES
 . CHARGED PARTICLES
 . . ENERGETIC PARTICLES
 . . . PLASMAS (PHYSICS)
 **STELLAR WINDS**
 RT CHROMOSPHERE
 COSMIC PLASMA
 INTERGALACTIC MEDIA
 INTERSTELLAR GAS
 RADIATION PRESSURE
 SOLAR WIND
 SOLAR WIND VELOCITY

STELLARATORS
 RT MAGNETOHYDRODYNAMICS
 NUCLEAR REACTORS
 PINCH EFFECT
 THERMAL INSTABILITY
 THERMONUCLEAR POWER GENERATION
 THERMONUCLEAR REACTIONS
 TOROIDAL PLASMAS

STELLITE (TRADEMARK)
 UF HAYNES STELLITE
 RT CHROMIUM ALLOYS

STEMS

STELLITE (TRADEMARK)-(CONT.)
COBALT ALLOYS
TUNGSTEN ALLOYS

STEMS
RT PLANTS (BOTANY)

STENCIL PROCESSES
RT PRINTING
REPRODUCTION (COPYING)

STEP FAULTS
USE GEOLOGICAL FAULTS

STEP FUNCTIONS
GS FUNCTIONS (MATHEMATICS)
RT **STEP FUNCTIONS**
DYNAMIC RESPONSE
∞ FREQUENCY RESPONSE
INTERVALS
RAMP FUNCTIONS
REACTION TIME
∞ STEPS

STEP RECOVERY DIODES
GS ELECTRONIC EQUIPMENT
SOLID STATE DEVICES
SEMICONDUCTOR DEVICES
JUNCTION DIODES
RT **STEP RECOVERY DIODES**
SWITCHING

STEPPEES
GS LANDFORMS
RT **STEPPEES**
ARID LANDS
GRASSLANDS
PLAINS

STEPPING MOTORS
GS MOTORS
ELECTRIC MOTORS
RT **STEPPING MOTORS**
ACTUATORS
SERVOCONTROL
SERVOMECHANISMS

STEPPING SWITCHES
GS SWITCHES
ELECTRIC SWITCHES
RT **STEPPING SWITCHES**

∞ **STEPS**
SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)*
RT PROGRAMMING (SCHEDULING)
STAIRSTEPS
STEP FUNCTIONS

STEREOCHEMISTRY
RT CARBOHYDRATES
∞ CHEMISTRY
ISOMERS
OPTICAL ACTIVITY
SPATIAL DISTRIBUTION
X RAY ANALYSIS

STEREOGRAPHY
USE STEREOPHOTOGRAPHY

STEREOPHOTOGRAPHY
UF STEREOGRAPHY
STEREOSCOPIC PHOTOGRAPHY
GS IMAGERY
STEREOSCOPY
STEREOPHOTOGRAPHY
PHOTOGRAPHY
STEREOSCOPY
STEREOPHOTOGRAPHY
RT AERIAL PHOTOGRAPHY
BLACK AND WHITE PHOTOGRAPHY
CINEMATOGRAPHY
COLOR PHOTOGRAPHY
PHOTOGRAMMETRY
SPOT (FRENCH SATELLITE)

STEREOSCOPIC PHOTOGRAPHY
USE STEREOPHOTOGRAPHY

STEREOSCOPIC VISION
GS VISION
STEREOSCOPIC VISION
RT BINOCULAR VISION

STEREOSCOPIC VISION-(CONT.)
STEREOSCOPY

STEREOSCOPY
GS IMAGERY
STEREOSCOPY
STEREOPHOTOGRAPHY
PHOTOGRAPHY
STEREOSCOPY
STEREOPHOTOGRAPHY
RT STEREOSCOPIC VISION

STEREOTELEVISION
GS COMMUNICATION EQUIPMENT
STEREOTELEVISION
TELECOMMUNICATION
STEREOTELEVISION
TELEVISION SYSTEMS
STEREOTELEVISION
RT CLOSED CIRCUIT TELEVISION
COLOR TELEVISION
COMMUNICATING
EDUCATIONAL TELEVISION
SATELLITE TELEVISION
SPACECRAFT TELEVISION

STERILIZATION
GS **STERILIZATION**
CHEMICAL STERILIZATION
HOUSEKEEPING (SPACECRAFT)
SPACECRAFT STERILIZATION
RT AIR PURIFICATION
ANTIFOULING
ANTISEPTICS
BACTERICIDES
BAKING
CLEANING
DECONTAMINATION
FUMIGATION
GNOTOBIOTICS
IONIZING RADIATION
MERCURY LAMPS
PASTEURIZING
PURIFICATION
ULTRAVIOLET RADIATION

STERILIZATION EFFECTS
GS **STERILIZATION EFFECTS**
CHEMICAL EFFECTS
DECONTAMINATION
THERMAL DEGRADATION
RT CORROSION
DEGRADATION
∞ DEOXIFICATION
SPACECRAFT STERILIZATION
TEMPERATURE EFFECTS
WAVE DEGRADATION

STERNS
USE AFTERBODIES

STERNUM
GS ANATOMY
MUSCULOSKELETAL SYSTEM
BONES
STERNUM
RT THORAX

STEROIDS
GS **STEROIDS**
ACTINOMYCIN
CHOLESTEROL
CORTICOSTEROIDS
ALDOSTERONE
HYDROXYCORTICOSTEROID
CORTISONE
DIGITONIN
PENICILLIN
STREPTOMYCIN
TETRACYCLINES
RT ANTIBIOTICS

STETHOSCOPES
GS MEDICAL EQUIPMENT
STETHOSCOPES
RT PHYSICIANS

STF-102 ENGINE
GS ENGINES
AIR BREATHING ENGINES
GAS TURBINE ENGINES
JET ENGINES
TURBOJET ENGINES
TURBOFAN ENGINES

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STF-102 ENGINE-(CONT.)
STF-102 ENGINE
INTERNAL COMBUSTION ENGINES
GAS TURBINE ENGINES
JET ENGINES
TURBOJET ENGINES
TURBOFAN ENGINES
STF-102 ENGINE
TURBINE ENGINES
GAS TURBINE ENGINES
JET ENGINES
TURBOJET ENGINES
TURBOFAN ENGINES
STF-102 ENGINE

STIELTJES INTEGRAL
GS ANALYSIS (MATHEMATICS)
REAL VARIABLES
MEASURE AND INTEGRATION
RT **STIELTJES INTEGRAL**
PROBABILITY THEORY

STIFF STRUCTURES
USE RIGID STRUCTURES

STIFFENING
RT REINFORCEMENT (STRUCTURES)
RIBS (SUPPORTS)
WEBS (SUPPORTS)

STIFFNESS
GS MECHANICAL PROPERTIES
STIFFNESS
RT BENDING
DEFORMATION
FLEXIBILITY
MODULUS OF ELASTICITY
∞ RIGIDITY
SOFTNESS
STRUCTURAL STABILITY

STIFFNESS MATRIX
GS ALGEBRA
VECTOR SPACES
MATRICES (MATHEMATICS)
STIFFNESS MATRIX
RT STRUCTURAL ANALYSIS
STRUCTURAL MEMBERS

STIGMATISM
GS ELECTROMAGNETIC PROPERTIES
OPTICAL PROPERTIES
STIGMATISM
RT ASTIGMATISM
FOCUSING
LENS DESIGN
LENSES

STILBENE
GS HYDROCARBONS
STILBENE
RT DYES
HEXANITROSTILBENE

STILLS
GS SEPARATORS
STILLS
RT CONCENTRATORS
DISTILLATION EQUIPMENT

STIMULANTS
GS DRUGS
STIMULANTS
ATROPINE
CAFFEINE
CENTRAL NERVOUS SYSTEM
STIMULANTS
NORADRENALINE
NOREPINEPHRINE
RT AMINOPHYLLINE
EPINEPHRINE
STRYCHNINE

STIMULATED EMISSION
GS DECAY
EMISSION
STIMULATED EMISSION
WATER MASERS
RT ARGON LASERS
CARBON DIOXIDE LASERS
CARBON LASERS
CARBON MONOXIDE LASERS
COHERENT ELECTROMAGNETIC
RADIATION

STIMULATED EMISSION-(CONT.)

COHERENT LIGHT
ELECTRON EMISSION
ELECTRON PUMPING
GALLIUM ARSENIDE LASERS
GAS LASERS
GAS MASERS
HCN LASERS
INTERSTELLAR MASERS
LASERS
LIGHT EMISSION
MASERS
NUCLEAR PUMPING
OPTICAL PUMPING
PARTICLE EMISSION
PHOTOELECTRIC EMISSION
POPULATION INVERSION
RAPID BALLISTICS IDENTIFICATION
RARE GAS-HALIDE LASERS
SELF SUSTAINED EMISSION
TEA LASERS
TWO-WAVELENGTH LASERS
ULTRASHORT PULSED LASERS
ULTRAVIOLET LASERS

STIMULATED EMISSION DEVICES

UF QUANTUM GENERATORS
GS **STIMULATED EMISSION DEVICES**
. ARGON LASERS
. LASERS
. . . ATMOSPHERIC LASERS
. . . CARBON LASERS
. . . CHEMICAL LASERS
. . . . HCL LASERS
. . . CONTINUOUS WAVE LASERS
. . . FREE ELECTRON LASERS
. . . GAMMA RAY LASERS
. . . GAS LASERS
. . . . CARBON DIOXIDE LASERS
. . . . CARBON MONOXIDE LASERS
. . . . DF LASERS
. . . EXCIMER LASERS
. . . . HCL LASERS
. HCL ARGON LASERS
. . . . HCN LASERS
. . . . HELIUM-NEON LASERS
. . . . HF LASERS
. . . . KRYPTON FLUORIDE LASERS
. . . . NITROGEN LASERS
. . . . TEA LASERS
. . . ULTRAVIOLET LASERS
. . . . XENON FLUORIDE LASERS
. . . . GASDYNAMIC LASERS
. . . . GLASS LASERS
. . . . HIGH POWER LASERS
. . . . NOVA LASER SYSTEM
. . . . SHIVA LASER SYSTEM
. . . INFRARED LASERS
. . . . INJECTION LASERS
. . . . IODINE LASERS
. . . . LIQUID LASERS
. . . . METAL VAPOR LASERS
. . . . NEODYMIUM LASERS
. . . . NUCLEAR PUMPED LASERS
. . . . ORGANIC LASERS
. . . . DYE LASERS
. . . PLASMADYNAMIC LASERS
. . . . PULSED LASERS
. . . . Q SWITCHED LASERS
. . . . ULTRASHORT PULSED LASERS
. . . . ULTRAVIOLET LASERS
. . . RAMAN LASERS
. . . . RARE GAS-HALIDE LASERS
. . . . KRYPTON FLUORIDE LASERS
. . . . XENON FLUORIDE LASERS
. . . . RING LASERS
. . . . SEMICONDUCTOR LASERS
. . . . GALLIUM ARSENIDE LASERS
. . . . SOLID STATE LASERS
. . . . GALLIUM ARSENIDE LASERS
. . . . RUBY LASERS
. . . . YAG LASERS
. . . TUNABLE LASERS
. . . TWO-WAVELENGTH LASERS
. . . WAVEGUIDE LASERS
. . . X RAY LASERS
. . . MASERS
. . . . GAS MASERS
. HYDROGEN MASERS
. INTERSTELLAR MASERS
. PROTON MASERS
. TRAVELING WAVE MASERS
. WATER MASERS

RT AMPLIFIERS
COHERENT ELECTROMAGNETIC RADIATION

STIMULATED EMISSION DEVICES-(CONT.)

ELECTRON PUMPING
∞ GENERATORS
LASER CAVITIES
LASER PUMPING
LASER WEAPONS
LASING
LIGHT TRANSMISSION
NUCLEAR PUMPING
OPTICAL PUMPING
RAPID BALLISTICS IDENTIFICATION
SUBHARMONIC GENERATORS
TRANSIENT OSCILLATIONS

STIMULATION

GS **STIMULATION**
. AUDITORY STIMULI
. SENSORY STIMULATION
RT ACTIVATION
ACTIVATION (BIOLOGY)
ACTUATION
CLOUD SEEDING
GAS INJECTION
INITIATION
PRESSURIZING
STARTING

∞ STIMULI

SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)*
RT AROUSAL
AUDITORY STIMULI
CALORIC STIMULI
ELECTRIC STIMULI
MOTIVATION
PSYCHOLOGICAL FACTORS
SUBLIMINAL STIMULI
VISUAL STIMULI

STIRLING CYCLE

GS CYCLES
. THERMODYNAMIC CYCLES
. . . **STIRLING CYCLE**
RT CARNOT CYCLE

STIRRING

RT AERATION
DISPERSING
MIXERS
SUSPENDING (MIXING)
SWIRLING

STISHOVITE

GS MINERALS
. QUARTZ
. . . **STISHOVITE**
RT COESITE
EARTH CRUST
EARTH MANTLE
RUTILE

STOCHASTIC PROCESSES

UF POISSON PROCESS
GS **STOCHASTIC PROCESSES**
. MARKOV CHAINS
. MARKOV PROCESSES
. RANDOM PROCESSES
. . . RANDOM WALK
RT ∞ APPLICATIONS OF MATHEMATICS
COHERENCE COEFFICIENT
DECISION THEORY
ERGODIC PROCESS
EVENTS
FOKKER-PLANCK EQUATION
GAME THEORY
INFORMATION THEORY
KAKUTANI THEOREM
KALMAN-SCHMIDT FILTERING
MARTINGALES
MATHEMATICAL MODELS
MONTE CARLO METHOD
OPERATIONS RESEARCH
PROBABILITY THEORY
QUEUEING THEORY
RANDOM ERRORS
RANDOM NOISE
RANDOM SIGNALS
STATISTICAL ANALYSIS
∞ STATISTICS
TIME DEPENDENCE
TIME FUNCTIONS
TIME SERIES ANALYSIS

STOCKPILING

RT ACCUMULATIONS
COLLECTION
INVENTORY MANAGEMENT
LOGISTICS
RESERVES
∞ STORAGE

STOICHIOMETRY

RT CHEMICAL REACTIONS
∞ CHEMISTRY
∞ COMPOSITION
COMPOSITION (PROPERTY)
FORMULATIONS
MATERIAL BALANCE
PHASE DIAGRAMS

STOKES FLOW

GS FLUID FLOW
. INCOMPRESSIBLE FLOW
. . . **STOKES FLOW**
. . . VISCOS FLOW
. . . **STOKES FLOW**
RT OSEEN APPROXIMATION
STEADY FLOW

∞ STOKES LAW

SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)*
RT LAWS
MAXWELL EQUATION
STOKES LAW (FLUID MECHANICS)
STOKES THEOREM (VECTOR CALCULUS)

STOKES LAW (FLUID MECHANICS)

RT SETTLING
∞ STOKES LAW
VISCOSITY

STOKES LAW OF RADIATION

GS LAWS
. RADIATION LAWS
. . . **STOKES LAW OF RADIATION**
RT INCIDENT RADIATION
LUMINESCENCE
WAVELENGTHS

STOKES THEOREM (VECTOR CALCULUS)

GS ALGEBRA
. VECTOR SPACES
. . . **STOKES THEOREM (VECTOR CALCULUS)**
THEOREMS
. **STOKES THEOREM (VECTOR CALCULUS)**
RT ∞ STOKES LAW

STOKES-BELTRAMI EQUATION

RT ∞ EQUATIONS
LAPLACE EQUATION
STREAM FUNCTIONS (FLUIDS)

STOL AIRCRAFT

USE SHORT TAKEOFF AIRCRAFT

STOMACH

GS ANATOMY
. ORGANS
. . . **STOMACH**
DIGESTIVE SYSTEM
. GASTROINTESTINAL SYSTEM
. . . **STOMACH**
VISCERA
. ORGANS
. . . **STOMACH**
RT ABDOMEN

STONES (ROCKS)

USE ROCKS

STONY METEORITES

GS CELESTIAL BODIES
. METEORITES
. . . **STONY METEORITES**
. . . . ACHONDRITES
. BONDOC METEORITE
. DYALPUR METEORITE
. KAPOETA ACHONDRITE
. NORTON COUNTY ACHONDRITE
. . . . CHONDRITES
. BRUDERHEIM METEORITE
. CARBONACEOUS CHONDRITES
. CARBONACEOUS METEORITES

STOPCOCKS

STONY METEORITES-(CONT.)

ALAS METEORITE
COLD BOKKEVELD METEORITE
IVUNA METEORITE
MURRAY METEORITE
ORGUEIL METEORITE
TONK METEORITE
HVITTIS CHONDRITE
PANTAR CHONDRITES
PRIBRAM METEORITE
YURTUK METEORITE
TEKTITES
AUSTRALITES
BEDIASITES
TUNGUSK METEORITE
RT CARBONACEOUS CHONDRITES
COESITE
HARLETON METEORITE
IRON METEORITES
LAZAREV METEORITE
METEORITIC COMPOSITION
METEORITIC MICROSTRUCTURES
OKHANSK METEORITE
SCHREIBERSITE

STOPCOCKS

USE COCKS

STOPPING

UF TERMINATING
GS **STOPPING**
THRUST TERMINATION
RT BLOCKING
CANCELLATION
CLOSING
CONSTRICTIONS
CONTAINMENT
DAMPING
DECELERATION
DELAY
DISTERMINATING
ELIMINATION
HOLDING
INHIBITION
OPTIMIZATION
PLUGS
PREVENTION
REDUCTION
RETARDING
SEALING

STOPPING POWER

RT ABSORBERS (MATERIALS)
ABSORPTION CROSS SECTIONS
CROSS SECTIONS
DENSITY (MASS/VOLUME)
NEUTRON CROSS SECTIONS
RADIATION ABSORPTION
RADIATION SHIELDING
SCATTERING CROSS SECTIONS

STORABLE PROPELLANTS

GS CONSUMABLES (SPACECRAFT)
STORABLE PROPELLANTS
PROPELLANTS
STORABLE PROPELLANTS
RP-1 ROCKET PROPELLANTS
RT CRYOGENIC ROCKET PROPELLANTS
GASEOUS ROCKET PROPELLANTS
GELLED ROCKET PROPELLANTS
GROUND SUPPORT EQUIPMENT
HIGH TEMPERATURE PROPELLANTS
HYDROCARBON FUELS
HYPERGOLIC ROCKET PROPELLANTS
LIQUID ROCKET PROPELLANTS
PROPELLANT ADDITIVES
PROPELLANT DECOMPOSITION
PROPELLANT EVAPORATION
PROPELLANT SENSITIVITY
PROPELLANT STORABILITY
PROPELLANT STORAGE
ROCKET PROPELLANTS
SOLID PROPELLANTS
SPACE STORAGE

STORAGE

SN (USE OF A MORE SPECIFIC TERM IS
RECOMMENDED-CONSULT THE TERMS
LISTED BELOW)
RT BUFFER STORAGE
COMPUTER STORAGE DEVICES
CORE STORAGE
CRYOGENIC FLUID STORAGE
DATA STORAGE
DISPOSAL

STORAGE-(CONT.)

DOCUMENT STORAGE
ENERGY STORAGE
EXTERNAL STORE SEPARATION
EXTERNAL STORES
FLUID FILLED SHELLS
HANDLING EQUIPMENT
INVENTORIES
INVENTORY CONTROLS
INVENTORY MANAGEMENT
ION STORAGE
LIQUID FILLED SHELLS
LOGISTICS
LOGISTICS MANAGEMENT
MAGNETIC STORAGE
MATERIALS HANDLING
MISSILE SILOS
MISSILE STORAGE
PACKAGING
PIPELINES
PRESERVING
PROPELLANT STORAGE
RACKS (FRAMES)
RECORDING
RESERVES
RETAINING
SAFETY
SPACE STORAGE
STOCKPILING
STORAGE TANKS
STOWAGE (ONBOARD EQUIPMENT)
UNDERGROUND STORAGE
WASTE DISPOSAL
WING-FUSELAGE STORES

STORAGE BATTERIES

SN (RECHARGEABLE BATTERIES)
UF SECONDARY BATTERIES
GS ELECTROCHEMICAL CELLS
ELECTRIC BATTERIES
STORAGE BATTERIES
LEAD ACID BATTERIES
NICKEL CADMIUM BATTERIES
NICKEL HYDROGEN BATTERIES
NICKEL ZINC BATTERIES
SILVER CADMIUM BATTERIES
SILVER HYDROGEN BATTERIES
SILVER ZINC BATTERIES
ZINC-BROMIDE BATTERIES
ZINC-CHLORINE BATTERIES
RT ALKALINE BATTERIES
BATTERY CHARGERS
CHARGE EFFICIENCY
DRY CELLS
ELECTROLYTES
METAL AIR BATTERIES
NICKEL-IRON BATTERIES
NONAQUEOUS ELECTROLYTES
PRIMARY BATTERIES
PULSE CHARGING
REGENERATIVE FUEL CELLS

STORAGE RINGS (PARTICLE ACCELERATORS)

UF ELECTRON RING ACCELERATORS
GS PARTICLE ACCELERATORS
CYCLIC ACCELERATORS
SYNCHROTRONS
STORAGE RINGS (PARTICLE
ACCELERATORS)
RT ACCELERATORS
RINGS

STORAGE STABILITY

GS LIFE (DURABILITY)
STORAGE STABILITY
STABILITY
STORAGE STABILITY
RT DECOMPOSITION
LIQUID SLOSHING
LONG TERM EFFECTS
STATIC STABILITY
SURFACE STABILITY
THERMAL STABILITY

STORAGE TANKS

GS TANKS (CONTAINERS)
STORAGE TANKS
RT CRYOGENIC FLUID STORAGE
CYLINDRICAL TANKS
EXPULSION BLADDERS
EXTERNAL TANKS
FUEL TANKS
PIPELINES
PRESSURE VESSELS
PROPELLANT TANKS

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STORAGE TANKS-(CONT.)

SPACE STORAGE
SPHERICAL TANKS
STORAGE
TANK GEOMETRY
UNDERGROUND STORAGE
WING-FUSELAGE STORES

STORE RELEASE

USE EXTERNAL STORE SEPARATION

STORM DAMAGE

GS DAMAGE
STORM DAMAGE
RT CYCLONES
FLOOD CONTROL
FLOODS
GUSTS
HAILSTORMS
HURRICANES
LANDSLIDES
PRECIPITATION (METEOROLOGY)
RAINSTORMS
SNOW COVER
STORMS
THUNDERSTORMS
TORNADOES
TROPICAL STORMS
TYPHOONS
WIND (METEOROLOGY)

STORM ENHANCEMENT

GS WEATHER MODIFICATION
STORM ENHANCEMENT
RT CLIMATOLOGY
HAILSTORMS
PRECIPITATION (METEOROLOGY)
RAINSTORMS
SNOWSTORMS
STORMS
STORMS (METEOROLOGY)

STORM SUPPRESSION

GS WEATHER MODIFICATION
STORM SUPPRESSION
RT CLIMATOLOGY
HAILSTORMS
ICE PREVENTION
PRECIPITATION (METEOROLOGY)
RAINSTORMS
SNOWSTORMS
STORMS

STORMS

GS STORMS
CYCLONES
CYCLOGENESIS
HURRICANES
ANNA HURRICANE
TYPHOONS
IONOSPHERIC STORMS
SUDDEN IONOSPHERIC
DISTURBANCES
MAGNETIC STORMS
NOISE STORMS
SOLAR STORMS
STORMS (METEOROLOGY)
DUST STORMS
HAILSTORMS
POLAR SUBSTORMS
RAINSTORMS
THUNDERSTORMS
SNOWSTORMS
TORNADOES
TROPICAL STORMS
HURRICANES
ANNA HURRICANE
TYPHOONS
RT CLIMATOLOGY
COLD FRONTS
DISTURBANCES
FLOOD DAMAGE
FLOODS
FRONTS (METEOROLOGY)
GUSTS
PRECIPITATION (METEOROLOGY)
SNOW COVER
SOLAR TERRESTRIAL INTERACTIONS
STORM DAMAGE
STORM ENHANCEMENT
STORM SUPPRESSION
SUDDEN STORM COMMENCEMENTS
WARM FRONTS
WEATHER FORECASTING
WIND (METEOROLOGY)

STORMS (METEOROLOGY)

GS STORMS
 . STORMS (METEOROLOGY)
 . . DUST STORMS
 . . HAILSTORMS
 . . POLAR SUBSTORMS
 . . RAINSTORMS
 . . THUNDERSTORMS
 . . SNOWSTORMS
 . . TORNADOES
 . . TROPICAL STORMS
 . . . HURRICANES
 . . . ANNA HURRICANE
 . . . TYPHOONS
 RT ALPINE METEOROLOGY
 CLIMATOLOGY
 FLIGHT CONDITIONS
 FLOOD CONTROL
 FLOOD DAMAGE
 FLOOD PREDICTIONS
 FLOODS
 GROUND WIND
 GUSTS
 HAIL
 ICE
 METEOROLOGICAL PARAMETERS
 METEOROLOGY
 PRECIPITATION (METEOROLOGY)
 SNOW
 SNOW COVER
 SQUALLS
 STORM ENHANCEMENT
 WATERSHEDS
 WEATHER FORECASTING
 WIND (METEOROLOGY)

STORMSAT SATELLITE
 UF SEVERE STORMS OBSERVING
 SATELLITE

GS SATELLITES
 . ARTIFICIAL SATELLITES
 . . SYNCHRONOUS SATELLITES
 . . STORMSAT SATELLITE
 . EARTH SATELLITES
 . . SYNCHRONOUS SATELLITES
 . . STORMSAT SATELLITE
 RT NASA PROGRAMS

STOSS-AND-LEE TOPOGRAPHY
 USE GLACIAL DRIFT

STOWAGE (ONBOARD EQUIPMENT)
 RT LOGISTICS
 ONBOARD EQUIPMENT
 PORTABLE EQUIPMENT
 PROVISIONING
 SPACE LOGISTICS
 SPACE RATIONS
 ∞ STORAGE

STRAIGHT WINGS
 USE RECTANGULAR WINGS

STRAIN AGING
 USE PRECIPITATION HARDENING

STRAIN DISTRIBUTION
 USE STRESS CONCENTRATION

STRAIN ENERGY METHODS
 GS STRUCTURAL ANALYSIS
 . ENERGY METHODS
 . . STRAIN ENERGY METHODS
 RT ∞ ENERGY
 SEISMIC ENERGY

STRAIN FATIGUE
 USE FATIGUE (MATERIALS)

STRAIN GAGE ACCELEROMETERS
 GS MEASURING INSTRUMENTS
 . ACCELEROMETERS
 . . STRAIN GAGE ACCELEROMETERS
 RT PRESSURE GAGES

STRAIN GAGE BALANCES
 GS MEASURING INSTRUMENTS
 . INDICATING INSTRUMENTS
 . . WEIGHT INDICATORS
 . . STRAIN GAGE BALANCES
 RT PRESSURE GAGES

STRAIN GAGES
 GS MEASURING INSTRUMENTS

STRAIN GAGES-(CONT.)

RT CABLE FORCE RECORDERS
 DEFORMETERS
 ELASTOMETERS
 EXTENSOMETERS
 FLIGHT LOAD RECORDERS
 MECHANICAL MEASUREMENT
 PIEZOELECTRIC GAGES
 PRESSURE GAGES
 ROSETTE SHAPES
 SHOCK MEASURING INSTRUMENTS
 STRESS MEASUREMENT
 TEMPERATURE INVERSIONS
 TENSOMETERS
 TRANSDUCERS
 WEIGHT INDICATORS

STRAIN HARDENING
 GS HARDENING (MATERIALS)
 . WORK HARDENING
 . . STRAIN HARDENING
 RT AGING (MATERIALS)
 AGING (METALLURGY)
 PRECIPITATION HARDENING
 RESIDUAL STRESS
 SHOT PEENING
 STRESS RELIEVING
 TEMPERATURE INVERSIONS

STRAIN RATE
 GS RATES (PER TIME)
 . STRAIN RATE
 RT IMPACT TESTS
 LOADING RATE
 MECHANICAL PROPERTIES
 TEMPERATURE INVERSIONS

STRAIN SOFTENING
 USE PLASTIC DEFORMATION

STRAITS
 GS PASSAGEWAYS
 . STRAITS
 . . TORRES STRAIT
 RT CANALS
 LAKES
 SEAS
 WATER
 WATERWAYS

STRAKES
 GS STRUCTURAL MEMBERS
 . STRAKES
 RT AERODYNAMIC CONFIGURATIONS
 HULLS (STRUCTURES)
 LONGERONS
 METAL STRIPS
 RECTANGULAR PANELS
 REINFORCEMENT (STRUCTURES)
 WATER TUNNEL TESTS

STRANDS
 RT CABLES (ROPES)
 CORDAGE
 FIBERS
 ∞ FILAMENTS
 MESH
 YARNS

STRANGENESS
 GS DECAY
 . STRANGENESS
 RT HYPERONS
 MESONS
 PARITY
 QUANTUM MECHANICS

STRAPDOWN INERTIAL GUIDANCE
 GS GUIDANCE (MOTION)
 . INERTIAL GUIDANCE
 . . STRAPDOWN INERTIAL GUIDANCE
 RT INERTIAL NAVIGATION

STRAPS
 RT ANCHORS (FASTENERS)
 ∞ BANDS
 CLAMPS
 FASTENERS
 HOLDERS

STRATA
 UF STRATIFIED LAYERS
 GS STRATA

STRATA-(CONT.)

RT SUBSTRATES
 ANTICLINES
 BEDROCK
 BEDS (GEOLOGY)
 CROSSBEDDING (GEOLOGY)
 FLAT LAYERS
 FOLDS (GEOLOGY)
 GEOSYNCLINES
 ∞ LAYERS
 STRATIFICATION
 SYNCLINES
 UNDERGROUND ACOUSTICS

STRATEGY
 RT DECISION THEORY
 DEPLOYMENT
 ELECTRONIC WARFARE
 GAME THEORY
 ∞ OPERATIONS
 OPERATIONS RESEARCH
 RISK
 WARFARE

STRATIFICATION
 GS STRATIFICATION
 . ATMOSPHERIC STRATIFICATION
 . INTERCALATION
 RT ANTICLINES
 BEDROCK
 CROSSBEDDING (GEOLOGY)
 FLAT LAYERS
 FOLDS (GEOLOGY)
 GEOSYNCLINES
 ∞ LAYERS
 STATIC STABILITY
 STRATA
 STRATIFIED FLOW
 STRATIGRAPHY
 SYNCLINES
 TEMPERATURE GRADIENTS
 THERMOCLINES

STRATIFIED FLOW
 GS FLUID FLOW
 . LAMINAR FLOW
 . . STRATIFIED FLOW
 RT BAROCLINIC WAVES
 BAROCLINITY
 COAXIAL FLOW
 FLOW GEOMETRY
 SHEAR FLOW
 STRATIFICATION

STRATIFIED LAYERS
 USE STRATA

STRATIGRAPHY
 RT ANTICLINES
 BEDROCK
 BEDS (GEOLOGY)
 CROSSBEDDING (GEOLOGY)
 ∞ FORMATION
 FORMATIONS
 GEOCHRONOLOGY
 GEOLOGY
 GEOPHYSICS
 GEOSYNCLINES
 HYDROGEOLOGY
 MINES (EXCAVATIONS)
 PALEONTOLOGY
 PARTICLE TRACKS
 PETROLOGY
 PLATEAUS
 REGOLITH
 ROCKS
 SEDIMENTARY ROCKS
 STRATIFICATION
 SYNCLINES
 WELLS

STRATOCUMULUS CLOUDS
 GS CLOUDS
 . CLOUDS (METEOROLOGY)
 . . CONVECTION CLOUDS
 . . STROTUCUMULUS CLOUDS
 RT CUMULUS CLOUDS
 STRATUS CLOUDS

STRATOFORTRESS AIRCRAFT
 USE B-52 AIRCRAFT

STRATOJET AIRCRAFT
 USE B-47 AIRCRAFT

STRATOPAUSE

STRATOPAUSE

GS EARTH ATMOSPHERE
 . STRATOPAUSE
 RT MESOPAUSE
 MESOSPHERE
 MIDDLE ATMOSPHERE
 STRATOSPHERE

STRATOSCOPE TELESCOPES

UF STRATOSCOPE 1 TELESCOPE
 STRATOSCOPE 2 TELESCOPE
 GS OPTICAL EQUIPMENT
 . ASTRONOMICAL TELESCOPES
 . . SPECTROSCOPIC TELESCOPES
 . . . STRATOSCOPE TELESCOPES
 TELESCOPES
 . ASTRONOMICAL TELESCOPES
 . . SPECTROSCOPIC TELESCOPES
 . . . STRATOSCOPE TELESCOPES
 RT BALLOONS
 REFLECTING TELESCOPES
 REFRACTING TELESCOPES

STRATOSCOPE 1 TELESCOPE

USE STRATOSCOPE TELESCOPES

STRATOSCOPE 2 TELESCOPE

USE STRATOSCOPE TELESCOPES

STRATOSPHERE

GS EARTH ATMOSPHERE
 . HOMOSPHERE
 . . MIDDLE ATMOSPHERE
 . . . STRATOSPHERE
 RT CHEMOSPHERE
 HOMOSPHERE
 ISOTHERMAL LAYERS
 STRATOPAUSE

STRATOSPHERE RADIATION

GS ATMOSPHERIC RADIATION
 . STRATOSPHERE RADIATION
 RT CORPUSCULAR RADIATION
 ELECTROMAGNETIC RADIATION
 SKY RADIATION
 TROPOSPHERIC RADIATION

STRATOSPHERIC AEROSOL & GAS EXPERIMENT

USE SAGE SATELLITE

STRATOTANKER AIRCRAFT

USE C-135 AIRCRAFT

STRATUS CLOUDS

GS CLOUDS
 . CLOUDS (METEOROLOGY)
 . . CONVECTION CLOUDS
 . . . STRATUS CLOUDS
 RT FOG
 NIMBOSTRATUS CLOUDS
 STRATOCUMULUS CLOUDS

STREAK CAMERAS

GS OPTICAL EQUIPMENT
 . CAMERAS
 . . STREAK CAMERAS
 PHOTOGRAPHIC EQUIPMENT
 . CAMERAS
 . . STREAK CAMERAS
 RT CAMERA SHUTTERS
 CINEMATOGRAPHY
 LENSES

STREAK PHOTOGRAPHY

GS PHOTOGRAPHY
 . STREAK PHOTOGRAPHY
 RT CAMERAS
 ELECTRO-OPTICAL PHOTOGRAPHY
 HIGH SPEED CAMERAS
 IMAGING TECHNIQUES

STREAM FUNCTIONS (FLUIDS)

RT INCOMPRESSIBLE FLOW
 POTENTIAL THEORY
 STOKES-BELTRAMI EQUATION
 STREAMS
 TWO DIMENSIONAL FLOW

STREAMLINE FLOW

USE LAMINAR FLOW

STREAMLINED BODIES

GS SYMMETRICAL BODIES
 . STREAMLINED BODIES

STREAMLINED BODIES-(CONT.)

RT . . FAIRINGS
 AERODYNAMIC CONFIGURATIONS
 AIRFOILS
 AXISYMMETRIC BODIES
 ∞ BODIES
 BODIES OF REVOLUTION
 MISSILE BODIES
 OGIVES
 SLENDER BODIES
 STREAMLINING
 TOWED BODIES

STREAMLINING

RT ACOUSTIC STREAMING
 AIR FLOW
 AIRCRAFT DESIGN
 AIRCRAFT STRUCTURES
 AIRFOIL PROFILES
 AIRFOILS
 FAIRINGS
 FLUID DYNAMICS
 FRICTION REDUCTION
 HELICOPTER DESIGN
 HYDROFOILS
 ∞ PROFILES
 SKIN FRICTION
 STREAMLINED BODIES

STREAMS

GS STREAMS
 . GAS STREAMS
 RT AIR FLOW
 ALLUVIUM
 AQUIFERS
 DELAWARE RIVER BASIN (US)
 FLUID FLOW
 GAS FLOW
 HYDROLOGY
 HYDROLOGY MODELS
 INTERNATIONAL HYDROLOGICAL
 DECADE
 LAKE ERIE
 LAKE HURON
 LAKE MICHIGAN
 LAKE ONTARIO
 LAKE SUPERIOR
 LIMNOLOGY
 MEANDERS
 RAPIDS
 RESERVOIRS
 RIVERS
 STREAM FUNCTIONS (FLUIDS)
 SURFACE WATER
 SUSQUEHANNA RIVER BASIN
 (MD-NY-PA)
 WADIS

STREETS

RT HIGHWAYS
 INTERSECTIONS
 PAVEMENTS
 ROADS
 ∞ TUNNELS
 URBAN PLANNING
 URBAN RESEARCH

STRENGTH

SN (USE OF A MORE SPECIFIC TERM IS
 RECOMMENDED-CONSULT THE TERMS
 LISTED BELOW)
 RT COLD STRENGTH
 COMPRESSIVE STRENGTH
 CREEP RUPTURE STRENGTH
 CREEP STRENGTH
 ELECTRIC FIELD STRENGTH
 FIBER STRENGTH
 FIELD STRENGTH
 FRACTURE STRENGTH
 HIGH STRENGTH
 IMPACT STRENGTH
 MECHANICAL PROPERTIES
 MICROYIELD STRENGTH
 MUSCULAR STRENGTH
 NOTCH STRENGTH
 SHEAR STRENGTH
 TENSILE STRENGTH
 WELD STRENGTH
 YIELD STRENGTH

STRENGTH OF MATERIALS

USE MECHANICAL PROPERTIES

STREPTOCOCCUS

GS MICROORGANISMS

NASA THESAURUS (VOLUME 1)

STREPTOCOCCUS-(CONT.)

. BACTERIA
 . . STREPTOCOCCUS

STREPTOMYCETES

GS FUNGI
 . STREPTOMYCETES
 MICROORGANISMS
 . BACTERIA
 . . STREPTOMYCETES

STREPTOMYCIN

GS DRUGS
 . ANTIBIOTICS
 . . STREPTOMYCIN
 STEROIDS
 . STREPTOMYCIN

STRESS (BIOLOGY)

SN (USE OF A MORE SPECIFIC TERM IS
 RECOMMENDED-CONSULT THE TERMS
 LISTED BELOW)
 RT PATHOLOGICAL EFFECTS
 STRESS (PHYSIOLOGY)
 STRESS (PSYCHOLOGY)

STRESS (PHYSIOLOGY)

GS STRESS (PHYSIOLOGY)
 . ACCELERATION STRESSES
 (PHYSIOLOGY)
 . . CENTRIFUGING STRESS
 ACCELERATION (PHYSICS)
 ACCLIMATIZATION
 AEROEMBOLISM
 ANGINA PECTORIS
 ANOXIA
 BIODYNAMICS
 DEPRIVATION
 EXERCISE PHYSIOLOGY
 FATIGUE (BIOLOGY)
 FLIGHT STRESS (BIOLOGY)
 HOMEOSTASIS
 HYPERKINESIA
 HYPOXIA
 LOWER BODY NEGATIVE PRESSURE
 MUSCULAR FATIGUE
 PALMAR SWEAT INDEX
 PHYSIOLOGY
 PRESSURE BREATHING
 SPACE FLIGHT STRESS
 ∞ STRESS (BIOLOGY)
 STRESS (PSYCHOLOGY)
 UNDERWATER PHYSIOLOGY

STRESS (PSYCHOLOGY)

UF MENTAL STRESS
 RT FATIGUE (BIOLOGY)
 FLIGHT STRESS (BIOLOGY)
 MENTAL PERFORMANCE
 PALMAR SWEAT INDEX
 PSYCHOLOGICAL EFFECTS
 PSYCHOLOGICAL FACTORS
 PSYCHOLOGY
 SPACE FLIGHT STRESS
 ∞ STRESS (BIOLOGY)
 STRESS (PHYSIOLOGY)
 WORKLOADS (PSYCHOPHYSIOLOGY)

STRESS ANALYSIS

UF STRESS CALCULATIONS
 GS STRESS ANALYSIS
 . BOUNDARY ELEMENT METHOD
 . SCHWARTZ METHOD
 . X RAY STRESS ANALYSIS
 RT AIRY FUNCTION
 ∞ ANALYZING
 BENDING MOMENTS
 BENDING THEORY
 CASTIGLIANO VARIATIONAL THEOREM
 COMBINED STRESS
 CONSTRUCTION
 CREEP ANALYSIS
 DONNELL EQUATIONS
 ENERGY METHODS
 EULER BUCKLING
 ∞ FLIGHT STRESS
 FRINGE MULTIPLICATION
 INELASTIC STRESS
 INFLUENCE COEFFICIENT
 ISOPARAMETRIC FINITE ELEMENTS
 MECHANICAL ENGINEERING
 MICHELL THEOREM
 MOIRE FRINGES
 MOMENTS OF INERTIA
 NASTRAN

STRESS ANALYSIS-(CONT.)

PHOTOELASTIC ANALYSIS
 PHOTOELASTICITY
 REISSNER THEORY
 S-N DIAGRAMS
 SAINT VENANT PRINCIPLE
 SHALLOW SHELL EQUATIONS
 STRESSES
 STRUCTURAL ANALYSIS
 STRUCTURAL DESIGN
 STRUCTURAL ENGINEERING
 TEMPERATURE INVERSIONS
 X RAY ANALYSIS

STRESS CALCULATIONS

USE STRESS ANALYSIS

STRESS CONCENTRATION

UF STRAIN DISTRIBUTION
 STRESS DISTRIBUTION
 STRESS-STRAIN DISTRIBUTION
 GS DISTRIBUTION (PROPERTY)
 . **STRESS CONCENTRATION**
 RT COMBINED STRESS
 CONCENTRATING
 CRACK INITIATION
 CRACKING (FRACTURING)
 ELBER EQUATION
 FATIGUE (MATERIALS)
 FATIGUE TESTS
 FORCE DISTRIBUTION
 FRINGE MULTIPLICATION
 HOLE DISTRIBUTION (MECHANICS)
 HOLE GEOMETRY (MECHANICS)
 IMPACT STRENGTH
 IMPACT TESTS
 LOADS (FORCES)
 MECHANICAL PROPERTIES
 MOIRE FRINGES
 MOMENT DISTRIBUTION
 NOTCH STRENGTH
 NOTCH TESTS
 PERFORATED PLATES
 PERFORATED SHELLS
 SAINT VENANT PRINCIPLE
 STRESS-STRAIN RELATIONSHIPS
 STRESSES
 STRUCTURAL STRAIN

STRESS CORROSION

GS CORROSION
 . **STRESS CORROSION**
 RT CRACKING (FRACTURING)
 FRETTING CORROSION
 INTERGRANULAR CORROSION
 METAL FATIGUE
 SALT SPRAY TESTS
 TRANSGRANULAR CORROSION

STRESS CORROSION CRACKING

GS CRACKING (FRACTURING)
 . **STRESS CORROSION CRACKING**
 RT CORROSION TESTS
 CRACK CLOSURE
 CRACK INITIATION
 CRACK PROPAGATION
 METAL FATIGUE

STRESS CYCLES

GS CYCLES
 . **STRESS CYCLES**
 MECHANICAL PROPERTIES
 . **STRESS CYCLES**
 RT CYCLIC LOADS
 ELBER EQUATION
 FATIGUE (MATERIALS)
 FATIGUE LIFE
 FATIGUE TESTS
 S-N DIAGRAMS
 STRESSES

STRESS DISTRIBUTION

USE STRESS CONCENTRATION

STRESS FUNCTIONS

UF VON MISES THEORY
 GS FUNCTIONS (MATHEMATICS)
 . **STRESS FUNCTIONS**
 RT FRACTURING

STRESS INTENSITY FACTORS

RT BENDING THEORY
 COMBINED STRESS
 CRACK INITIATION
 CRACK PROPAGATION

STRESS INTENSITY FACTORS-(CONT.)

CRACKING (FRACTURING)
 FORCE DISTRIBUTION
 FRACTURE MECHANICS
 HOLE GEOMETRY (MECHANICS)
 LOADS (FORCES)
 NOTCH STRENGTH
 PLANE STRAIN
 TENSILE STRESS

STRESS MEASUREMENT

GS MECHANICAL MEASUREMENT
 . **STRESS MEASUREMENT**
 . . X RAY STRESS MEASUREMENT
 RT DEFORMETERS
 EXTENSOMETERS
 PHOTOELASTIC ANALYSIS
 S-N DIAGRAMS
 STRAIN GAGES
 TENSOMETERS
 VIBRATION MEASUREMENT

STRESS PROPAGATION

GS TRANSMISSION
 . **STRESS PROPAGATION**
 RT ELASTIC WAVES
 PLASTIC DEFORMATION
 ∞ PROPAGATION

STRESS RATIO

GS MECHANICAL PROPERTIES
 . **STRESS RATIO**
 RATIOS
 . **STRESS RATIO**
 RT FATIGUE (MATERIALS)
 FATIGUE TESTS
 MODULAR RATIOS
 PRESSURE RATIO
 S-N DIAGRAMS

STRESS RELAXATION

GS MECHANICAL PROPERTIES
 . **STRESS RELAXATION**
 RELAXATION (MECHANICS)
 . **STRESS RELAXATION**
 RT ANELASTICITY
 BORDONI PEAKS
 CREEP ANALYSIS
 CREEP DIAGRAMS
 CREEP PROPERTIES
 DUCTILITY
 FATIGUE (MATERIALS)
 PLASTIC DEFORMATION
 PLASTIC FLOW
 PLASTIC MEMORY
 PLASTIC PROPERTIES
 ∞ RECOVERY
 RESIDUAL STRESS
 SHEAR PROPERTIES
 STRESSES
 TEMPERATURE INVERSIONS

STRESS RELIEVING

GS HEAT TREATMENT
 . **STRESS RELIEVING**
 RELIEVING
 . **STRESS RELIEVING**
 RT ALLOYS
 ANNEALING
 FATIGUE (MATERIALS)
 ∞ RECOVERY
 RESIDUAL STRESS
 STABILIZATION
 STRAIN HARDENING
 TEMPERING

STRESS RUPTURE STRENGTH

USE CREEP RUPTURE STRENGTH

STRESS TENSORS

GS ALGEBRA
 . TENSORS
 . . **STRESS TENSORS**
 RT CONTINUUM MECHANICS
 ELASTIC PROPERTIES
 FRACTURE MECHANICS
 PLASTIC PROPERTIES
 STRUCTURAL DESIGN

STRESS WAVES

GS ELASTIC WAVES
 . **STRESS WAVES**
 RT ACOUSTIC EMISSION
 SHOCK LAYERS
 SHOCK WAVES

STRESS WAVES-(CONT.)

STRESSES
 TEMPERATURE INVERSIONS
 WAVE PROPAGATION
 ∞ WAVES

STRESS-STRAIN DIAGRAMS

GS DIAGRAMS
 . **STRESS-STRAIN DIAGRAMS**
 RT AXIAL STRAIN
 HOOKES LAW
 INELASTIC STRESS
 MODULUS OF ELASTICITY
 POISSON RATIO
 PROPORTIONAL LIMIT
 SHAPE MEMORY ALLOYS
 SHEAR PROPERTIES
 STRUCTURAL STRAIN
 YIELD STRENGTH

STRESS-STRAIN DISTRIBUTION

USE STRESS CONCENTRATION

STRESS-STRAIN RELATIONSHIPS

RT ELASTIC DEFORMATION
 PLANE STRAIN
 PLASTIC DEFORMATION
 ∞ RELATIONSHIPS
 RESIDUAL STRESS
 STRESS CONCENTRATION
 STRUCTURAL STRAIN
 YIELD STRENGTH

STRESS-STRAIN-TIME RELATIONS

RT CREEP DIAGRAMS
 NEWTONIAN FLUIDS
 THERMOVISCOELASTICITY

STRESSED-SKIN STRUCTURES

RT MONOCOQUE STRUCTURES
 SKIN (STRUCTURAL MEMBER)
 SPHERICAL SHELLS
 ∞ STRUCTURES
 THIN WALLED SHELLS

STRESSES

GS **STRESSES**
 . AXIAL STRESS
 . COMBINED STRESS
 . CRITICAL LOADING
 . PHOTOSTRESSES
 . RESIDUAL STRESS
 . REYNOLDS STRESS
 . SHEAR STRESS
 . . TORSIONAL STRESS
 . TENSILE STRESS
 . THERMAL STRESSES
 . TRIAXIAL STRESSES
 . VIBRATIONAL STRESS
 RT BUCKLING
 CRACKS
 CREEP PROPERTIES
 DESTRUCTION
 FATIGUE (MATERIALS)
 ∞ FLIGHT STRESS
 IMPACT
 LOADS (FORCES)
 MECHANICAL PROPERTIES
 MICROYIELD STRENGTH
 PRESTRESSING
 ROLLING CONTACT LOADS
 SHEAR PROPERTIES
 STRESS ANALYSIS
 STRESS CONCENTRATION
 STRESS CYCLES
 STRESS RELAXATION
 STRESS WAVES
 STRUCTURAL STRAIN
 TEMPERATURE INVERSIONS
 X RAY STRESS ANALYSIS
 YIELD STRENGTH

STRETCH FORMING

RT BULGING
 COLD WORKING
 ∞ DRAWING
 METAL DRAWING
 METAL WORKING
 STRETCHING

STRETCHERS

GS MEDICAL EQUIPMENT
 . **STRETCHERS**
 RT FIRST AID

STRETCHING

STRETCHING

UF DILATATION
RT COLD WORKING
DEEP DRAWING
DILATATIONAL WAVES
DISTORTION
∞ DRAWING
DUCTILITY
ELASTIC DEFORMATION
ELONGATION
METAL WORKING
PLASTIC DEFORMATION
STRETCH FORMING
TEMPERING
∞ TENSION
WINDING

STRIATION

RT GROOVING
MUSCULOSKELETAL SYSTEM
SHATTER CONES

STRINGERS

GS STRUCTURAL MEMBERS
RT LONGERONS
REINFORCEMENT (STRUCTURES)
STRUCTURAL STABILITY

STRINGS

RT ASSEMBLIES
CORDAGE

∞ STRIP

SN *(USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)*
RT AIRPORTS
CIRCUITS
DISPLAY DEVICES
METAL STRIPS
RIBBONS
RUNWAYS

STRIP MINING

GS MINING
RT STRIP MINING
CLAYS
COAL
EARTH RESOURCES
EXCAVATION
EXPLOITATION
MINERAL DEPOSITS
MINES (EXCAVATIONS)
SOILS

STRIP TRANSMISSION LINES

GS TRANSMISSION LINES
RT STRIP TRANSMISSION LINES
MICROSTRIP TRANSMISSION LINES
ANTENNA FEEDS
TRANSMISSION CIRCUITS

∞ STRIPPING

SN *(USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)*
RT ANODIC STRIPPING
ION STRIPPING
PEELING
STRIPPING (DISTILLATION)

STRIPPING (DISTILLATION)

GS DISTILLATION
RT STRIPPING (DISTILLATION)
∞ SEPARATION
∞ STRIPPING
VAPORIZING

STROBOSCOPES

GS OPTICAL EQUIPMENT
RT STROBOSCOPES
BALLISTIC CAMERAS
HIGH SPEED CAMERAS
OPTICAL MEASUREMENT
SYNCHRONISM
TIME MEASUREMENT
VELOCITY MEASUREMENT

∞ STROKES

SN *(USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)*
RT CEREBRAL VASCULAR ACCIDENTS

STROKES-(CONT.)

THERMODYNAMIC CYCLES

STROKING TESTS

GS VIBRATION TESTS
DAMPING TESTS
RT STROKING TESTS
DYNAMIC RESPONSE
FREQUENCY RESPONSE
MODAL RESPONSE
SHOCK SPECTRA
∞ TESTS
TRANSIENT RESPONSE
WAVE EXCITATION

STRONG INTERACTIONS (FIELD THEORY)

GS FIELD THEORY (PHYSICS)
STRONG INTERACTIONS (FIELD
THEORY)
PARTICLE INTERACTIONS
NUCLEAR INTERACTIONS
STRONG INTERACTIONS (FIELD
THEORY)
RT WEAK INTERACTIONS (FIELD THEORY)

STRONGARM ROCKET VEHICLE

GS ROCKET VEHICLES
MULTISTAGE ROCKET VEHICLES
STRONGARM ROCKET VEHICLE
RT HONEST JOHN ROCKET VEHICLE
NIKE-AJAX MISSILE
SERGEANT MISSILES
SOLID PROPELLANT ROCKET ENGINES

STRONGLY COUPLED PLASMAS

GS GASES
IONIZED GASES
CHARGED PARTICLES
COLLISIONAL PLASMAS
STRONGLY COUPLED PLASMAS
DENSE PLASMAS
STRONGLY COUPLED PLASMAS
PARTICLES
CHARGED PARTICLES
ENERGETIC PARTICLES
PLASMAS (PHYSICS)
COLLISIONAL PLASMAS
STRONGLY COUPLED PLASMAS
DENSE PLASMAS
STRONGLY COUPLED PLASMAS
RT CONTROLLED FUSION
COSMIC PLASMA
COUPLED MODES
HIGH TEMPERATURE PLASMAS
INERTIAL CONFINEMENT FUSION
MAGNETOHYDRODYNAMIC STABILITY
PLASMA COMPRESSION
PLASMA CONDUCTIVITY
PLASMA DENSITY
PLASMA EQUILIBRIUM
PLASMA FOCUS

STRONTIUM

GS CHEMICAL ELEMENTS
STRONTIUM
STRONTIUM ISOTOPES
STRONTIUM 85
STRONTIUM 87
STRONTIUM 89
STRONTIUM 90
METALS
STRONTIUM
STRONTIUM ISOTOPES
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STRONTIUM 89
STRONTIUM 90

STRONTIUM BROMIDES

GS HALOGEN COMPOUNDS
BROMINE COMPOUNDS
BROMIDES
STRONTIUM BROMIDES
HALIDES
BROMIDES
STRONTIUM BROMIDES
METAL HALIDES
STRONTIUM BROMIDES
STRONTIUM COMPOUNDS
STRONTIUM BROMIDES

STRONTIUM COMPOUNDS

GS STRONTIUM COMPOUNDS
STRONTIUM BROMIDES
STRONTIUM FLUORIDES

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STRONTIUM COMPOUNDS-(CONT.)

STRONTIUM SULFIDES
STRONTIUM TITANATES
STRONTIUM ZIRCONATES
RT ∞ ALKALINE EARTH COMPOUNDS
∞ METAL COMPOUNDS

STRONTIUM FLUORIDES

GS HALOGEN COMPOUNDS
FLUORINE COMPOUNDS
FLUORIDES
METAL FLUORIDES
STRONTIUM FLUORIDES
HALIDES
METAL HALIDES
STRONTIUM FLUORIDES
STRONTIUM COMPOUNDS
STRONTIUM FLUORIDES

STRONTIUM ISOTOPES

GS CHEMICAL ELEMENTS
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STRONTIUM ISOTOPES
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STRONTIUM SULFIDES

GS CHALCOGENIDES
SULFIDES
INORGANIC SULFIDES
STRONTIUM SULFIDES
STRONTIUM COMPOUNDS
STRONTIUM SULFIDES
SULFUR COMPOUNDS
SULFIDES
INORGANIC SULFIDES
STRONTIUM SULFIDES

STRONTIUM TITANATES

GS STRONTIUM COMPOUNDS
STRONTIUM TITANATES
TITANIUM COMPOUNDS
TITANATES
STRONTIUM TITANATES

STRONTIUM ZIRCONATES

GS STRONTIUM COMPOUNDS
STRONTIUM ZIRCONATES
ZIRCONIUM COMPOUNDS
ZIRCONATES
STRONTIUM ZIRCONATES

STRONTIUM 85

GS CHEMICAL ELEMENTS
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RADIOACTIVE ISOTOPES
STRONTIUM 85
STRONTIUM ISOTOPES
STRONTIUM 85
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STRONTIUM ISOTOPES
STRONTIUM 85
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STRONTIUM
STRONTIUM ISOTOPES
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STRONTIUM 87

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METALS
STRONTIUM

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STRONTIUM 87-(CONT.)

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... STRONTIUM 87

STRONTIUM 88

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.. NUCLIDES
.. ISOTOPES
... RADIOACTIVE ISOTOPES
... STRONTIUM 88

STRONTIUM 89

GS CHEMICAL ELEMENTS
.. NUCLIDES
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... STRONTIUM ISOTOPES
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.. STRONTIUM
.. STRONTIUM ISOTOPES
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METALS
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STRONTIUM 90

GS CHEMICAL ELEMENTS
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... RADIOACTIVE ISOTOPES
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... STRONTIUM 90
.. STRONTIUM
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... STRONTIUM 90
METALS
.. STRONTIUM
.. STRONTIUM ISOTOPES
... STRONTIUM 90

STROUHAL NUMBER

GS RATIOS
.. DIMENSIONLESS NUMBERS
... STROUHAL NUMBER
RT BACKWASH
BUFFETING
FLOW CHARACTERISTICS
FLOW DISTRIBUTION
FLOW STABILITY
FROUDE NUMBER
OSCILLATING FLOW
SLIPSTREAMS
TURBULENCE
UNSTEADY FLOW
VORTICES
WAKES

STRUCTURAL ANALYSIS

UF MEMBRANE ANALOGY
MEMBRANE THEORY
GS STRUCTURAL ANALYSIS
.. DYNAMIC STRUCTURAL ANALYSIS
.. ENERGY METHODS
.. BERNSTEIN ENERGY PRINCIPLE
.. STRAIN ENERGY METHODS
.. EQUILIBRIUM METHODS
.. FLUTTER ANALYSIS
.. MATRIX METHODS
RT ANALYZING
CASTIGLIANO VARIATIONAL THEOREM
CONSTRUCTION
CREEP ANALYSIS
HOLE GEOMETRY (MECHANICS)
INFLUENCE COEFFICIENT
J INTEGRAL
LOADING MOMENTS
MICHELL THEOREM
MODULAR RATIOS
MOMENT DISTRIBUTION
NASTRAN
PLATE THEORY
STIFFNESS MATRIX
STRESS ANALYSIS

STRUCTURAL BASINS

UF BASINS
CLOSED BASINS
DEPRESSIONS (TOPOGRAPHY)
SINKS (GEOLOGY)
GS LANDFORMS
.. STRUCTURAL BASINS
.. CIRQUES (LANDFORMS)

STRUCTURAL BASINS-(CONT.)

.. GREAT BASIN (US)
.. KALIHARI BASIN (AFRICA)
.. KETTLES (GEOLOGY)
.. LAKE CHAMPLAIN BASIN (NY-VT)
.. RIVER BASINS
... ATCHAFALAYA RIVER BASIN (LA)
... CHENA RIVER BASIN (AK)
... COLUMBIA RIVER BASIN (ID-OR-WA)
... DELAWARE RIVER BASIN (US)
... FEATHER RIVER BASIN (CA)
... MISSOURI RIVER BASIN (US)
... SUSQUEHANNA RIVER BASIN (MD-NY-PA)
... WABASH RIVER BASIN (IL-IN-OH)
... WADIS
... WATERSHEDS
.. WILLISTON BASIN (NORTH AMERICA)
RT GEOLOGY
SEAMOUNTS
VALLEYS

STRUCTURAL BEAMS

USE BEAMS (SUPPORTS)

STRUCTURAL DESIGN

GS STRUCTURAL DESIGN
.. PRESSURE VESSEL DESIGN
RT AIRCRAFT DESIGN
AIRFRAME MATERIALS
ARCHITECTURE
BREAKWATERS
COMPUTERIZED DESIGN
CONSTRUCTION
.. DESIGN
.. HELICOPTER DESIGN
.. LOFTING
.. MISSILE DESIGN
.. PLANT DESIGN
.. PRODUCT DEVELOPMENT
.. SATELLITE DESIGN
.. SHIP HULLS
.. SHOCK SPECTRA
.. SPACECRAFT DESIGN
.. SPACECRAFT STRUCTURES
.. STRESS ANALYSIS
.. STRESS TENSORS
.. SUBSTRUCTURES
.. UNDERWATER STRUCTURES
.. WEIGHT REDUCTION

STRUCTURAL DESIGN CRITERIA

GS CRITERIA
.. STRUCTURAL DESIGN CRITERIA
RT AERODYNAMIC LOADS
AXIAL COMPRESSION LOADS
AXIAL LOADS
BENDING MOMENTS
COMPRESSION LOADS
CYCLIC LOADS
DYNAMIC LOADS
GEOTECHNICAL ENGINEERING
GUST LOADS
IMPACT LOADS
LANDING LOADS
LOADS (FORCES)
MASS DISTRIBUTION
MOMENT DISTRIBUTION
PRESSURE DISTRIBUTION
RANDOM LOADS
ROLLING CONTACT LOADS
SHOCK LOADS
STATIC LOADS
THRUST LOADS
TRANSIENT LOADS
VIBRATORY LOADS

STRUCTURAL DYNAMICS

USE DYNAMIC STRUCTURAL ANALYSIS

STRUCTURAL ENGINEERING

RT AERONAUTICAL ENGINEERING
AEROSPACE ENGINEERING
CONSTRUCTION
.. ENGINEERING
.. GEOTECHNICAL ENGINEERING
.. MODULAR RATIOS
.. STRESS ANALYSIS

STRUCTURAL FAILURE

GS FAILURE
.. STRUCTURAL FAILURE
RT BENDING
BUCKLING
COLLAPSE

STRUCTURAL PROPERTIES (GEOLOGY)

STRUCTURAL FAILURE-(CONT.)

CRACKING (FRACTURING)
CREEP PROPERTIES
DEFORMATION
FATIGUE (MATERIALS)
FRACTURING
MECHANICAL PROPERTIES
SYSTEM FAILURES

STRUCTURAL FATIGUE

USE FATIGUE (MATERIALS)

STRUCTURAL FOUNDATIONS

USE FOUNDATIONS

STRUCTURAL INFLUENCE COEFFICIENTS

UF SIC (COEFFICIENT)
GS COEFFICIENTS
.. INFLUENCE COEFFICIENT
.. STRUCTURAL INFLUENCE COEFFICIENTS

STRUCTURAL MATERIALS

USE CONSTRUCTION MATERIALS

STRUCTURAL MEMBERS

GS STRUCTURAL MEMBERS
.. BEAMS (SUPPORTS)
.. BOX BEAMS
.. CANTILEVER BEAMS
.. CURVED BEAMS
.. I BEAMS
.. RECTANGULAR BEAMS
.. TIMOSHENKO BEAMS
.. COLUMNS (SUPPORTS)
.. TAPERED COLUMNS
.. FLAT PLATES
.. GIRDERS
.. LONGERONS
.. MEMBRANE STRUCTURES
.. SKIN (STRUCTURAL MEMBER)
.. PLATES (STRUCTURAL MEMBERS)
.. ANISOTROPIC PLATES
.. ANNULAR PLATES
.. CANTILEVER PLATES
.. CIRCULAR PLATES
.. CORRUGATED PLATES
.. ELASTIC PLATES
.. END PLATES
.. GIRDER WEBS
.. ORTHOTROPIC PLATES
.. PERFORATED PLATES
.. POROUS PLATES
.. REINFORCED PLATES
.. SADDLES (SUPPORTS)
.. STRAKES
.. STRINGERS
.. STRUTS
.. TRUSSES
.. WING PANELS
RT AIRCRAFT CONSTRUCTION MATERIALS
AIRFRAME MATERIALS
BARS
.. CHANNELS
.. COMPONENTS
.. CONCRETES
.. CONSTRUCTION
.. CONSTRUCTION MATERIALS
.. FASTENERS
.. FOUNDATIONS
.. GUY WIRES
.. JOINTS (JUNCTIONS)
.. MASONRY
.. PYLON MOUNTING
.. PYLONS
.. RECTANGULAR PANELS
.. REINFORCEMENT (STRUCTURES)
.. RODS
.. SLABS
.. STIFFNESS MATRIX
.. STRUCTURES
.. SUBSTRUCTURES
.. THICK WALLS

STRUCTURAL PROPERTIES (GEOLOGY)

UF LINEAMENT
GS GEOLOGY
.. STRUCTURAL PROPERTIES (GEOLOGY)
RT EARTH CORE
EARTH CRUST
EARTH MANTLE
EARTH PLANETARY STRUCTURE
EARTH SURFACE
FISSURES (GEOLOGY)
GEOPHYSICS

STRUCTURAL RELIABILITY

STRUCTURAL PROPERTIES (GEOLOGY)-(CONT.)

GREAT BASIN (US)
HYDROLOGY
INLIERS (LANDFORMS)
LANDFORMS
PLANETARY COMPOSITION
PLATES (TECTONICS)
ROCK MECHANICS
SHATTER CONES
SINKHOLES

STRUCTURAL RELIABILITY

GS RELIABILITY
RT . STRUCTURAL RELIABILITY
AIRCRAFT RELIABILITY
COMPONENT RELIABILITY
CUMULATIVE DAMAGE
QUALITY CONTROL

STRUCTURAL RIGIDITY

USE STRUCTURAL STABILITY

STRUCTURAL STABILITY

UF STRUCTURAL RIGIDITY
GS MECHANICAL PROPERTIES
DIMENSIONAL STABILITY
STRUCTURAL STABILITY
SHELL STABILITY
STABILITY
STATIC STABILITY
DIMENSIONAL STABILITY
STRUCTURAL STABILITY
SHELL STABILITY
RT AIRCRAFT STABILITY
COMBUSTION VIBRATION
HYBRID STRUCTURES
LONGERONS
PLASTIC PROPERTIES
REINFORCEMENT (STRUCTURES)
RESONANCE TESTING
RIGIDITY
STIFFNESS
STRINGERS
WAVE RESISTANCE

STRUCTURAL STRAIN

GS FATIGUE (MATERIALS)
RT . STRUCTURAL STRAIN
AXIAL STRAIN
BENDING
BUCKLING
CRACKING (FRACTURING)
DEFLECTION
DEFORMATION
ELASTIC DEFORMATION
FAILURE
MOMENTS OF INERTIA
PLASTIC DEFORMATION
PRESTRESSING
REINFORCEMENT (STRUCTURES)
RUPTURING
SHEAR STRAIN
SHEARING
STRESS CONCENTRATION
STRESS-STRAIN DIAGRAMS
STRESS-STRAIN RELATIONSHIPS
STRESSES
SYSTEM FAILURES
TEMPERATURE INVERSIONS
TWISTING
VOLUMETRIC STRAIN
WARPAGE

STRUCTURAL VIBRATION

GS VIBRATION
STRUCTURAL VIBRATION
BENDING VIBRATION
BREATHING VIBRATION
FLUTTER
PANEL FLUTTER
SUBSONIC FLUTTER
SUPERSONIC FLUTTER
TRANSONIC FLUTTER
LINEAR VIBRATION
MISSILE VIBRATION
SELF INDUCED VIBRATION
PANEL FLUTTER
SUBSONIC FLUTTER
SUPERSONIC FLUTTER
TRANSONIC FLUTTER
TORSIONAL VIBRATION
RT EARTHQUAKE RESISTANT STRUCTURES
FLEXIBLE SPACECRAFT
FLUTTER ANALYSIS
GYRODAMPERS

STRUCTURAL VIBRATION-(CONT.)

RANDOM VIBRATION
RESONANT VIBRATION
SHAKING
SHOCK SPECTRA
VIBRATION TESTS

STRUCTURAL WEIGHT

GS WEIGHT (MASS)
RT . STRUCTURAL WEIGHT
MASS RATIOS
NEW MOONS PROJECT
WEIGHT ANALYSIS
WEIGHT REDUCTION

STRUCTURES

SN (USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)
RT AIRCRAFT STRUCTURES
ARCHITECTURE
ATOMIC STRUCTURE
BREAKWATERS
BRIDGES (STRUCTURES)
COMPOSITE STRUCTURES
CONCRETE STRUCTURES
CONFIGURATION INTERACTION
CRYSTAL STRUCTURE
EARTH PLANETARY STRUCTURE
EARTHQUAKE RESISTANT STRUCTURES
EXPANDABLE STRUCTURES
FINE STRUCTURE
FOLDING STRUCTURES
FOUNDATIONS
FRAMES
GALACTIC STRUCTURE
HONEYCOMB STRUCTURES
HYBRID STRUCTURES
HYPERFINE STRUCTURE
INFLATABLE STRUCTURES
INTRAMOLECULAR STRUCTURES
ISOTENSOID STRUCTURES
LARGE SPACE STRUCTURES
MEMBRANE STRUCTURES
MICROSTRUCTURE
MISSILE STRUCTURES
MOLECULAR STRUCTURE
MONOCOQUE STRUCTURES
PLANAR STRUCTURES
REDUNDANT COMPONENTS
RIGID STRUCTURES
RING STRUCTURES
SANDWICH STRUCTURES
SPACE ERECTABLE STRUCTURES
SPACECRAFT STRUCTURES
STEEL STRUCTURES
STELLAR STRUCTURE
STRESSED-SKIN STRUCTURES
STRUCTURAL MEMBERS
SUBSTRUCTURES
TANKS (CONTAINERS)
TOWERS
TRUSSES
UNIMOLECULAR STRUCTURES
VARIABLE GEOMETRY STRUCTURES
WELDED STRUCTURES
WOODEN STRUCTURES

STRUTS

GS STRUCTURAL MEMBERS
RT . STRUTS
CHASSIS
COLUMNS (SUPPORTS)
FRAMES
PYLONS
SUPPORTS
TRUSSES

STRYCHNINE

GS POISONS
RT . STRYCHNINE
ALKALOIDS
STIMULANTS

STS

USE SPACE TRANSPORTATION SYSTEM

STS-1

USE SPACE TRANSPORTATION SYSTEM 1
FLIGHT

STS-2

USE SPACE TRANSPORTATION SYSTEM 2
FLIGHT

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STS-3

USE SPACE TRANSPORTATION SYSTEM 3
FLIGHT

STS-4

USE SPACE TRANSPORTATION SYSTEM 4
FLIGHT

STS-5

USE SPACE TRANSPORTATION SYSTEM 5
FLIGHT

STS-6

USE SPACE TRANSPORTATION SYSTEM 6
FLIGHT

STS-7

USE SPACE TRANSPORTATION SYSTEM 7
FLIGHT

STS-8

USE SPACE TRANSPORTATION SYSTEM 8
FLIGHT

STS-9

USE SPACE TRANSPORTATION SYSTEM 9
FLIGHT

STS-10

USE SPACE TRANSPORTATION SYSTEM 10
FLIGHT

STS-11

USE SPACE TRANSPORTATION SYSTEM 11
FLIGHT

STS-12

USE SPACE TRANSPORTATION SYSTEM 12
FLIGHT

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UF TRAINEES
RT EDUCATION
INSTRUCTORS
LEARNING
TRAINING EVALUATION
UNIVERSITIES

STUDIES

USE INVESTIGATION

STUDS (STRUCTURAL MEMBERS)

RT ANCHORS (FASTENERS)
BOLTS
COLUMNS (SUPPORTS)
FASTENERS
HOLDERS
LUGS
PINS
SCREWS
WALLS

STURM-LIOUVILLE OPERATOR

USE STURM-LIOUVILLE THEORY

STURM-LIOUVILLE THEORY

UF STURM-LIOUVILLE OPERATOR
GS ANALYSIS (MATHEMATICS)
REAL VARIABLES
STURM-LIOUVILLE THEORY
RT DIFFERENTIAL EQUATIONS
LAMB WAVES
LAME WAVE EQUATIONS
THEORIES

STYLUSES

USE PENS

STYPHNATES

GS EXPLOSIVES
STYPHNATES
RT CHEMICAL COMPOUNDS
INITIATORS
INITIATORS (EXPLOSIVES)

STYRENES

GS STYRENES
POLYSTYRENE
STYROFOAM (TRADEMARK)
RT BUNA (TRADEMARK)

STYROFOAM (TRADEMARK)

GS STYRENES

NASA THESAURUS (VOLUME 1)

SUBORBITAL FLIGHT

STYROFOAM (TRADEMARK)-(CONT.)

. POLYSTYRENE
 . . STYROFOAM (TRADEMARK)
 RT FOAMS
 PLASTICS
 ∞ POLYMERS

SUBARCTIC REGIONS

GS REGIONS
 . SUBARCTIC REGIONS
 RT ARCTIC REGIONS

SUBASSEMBLIES

UF SUBCIRCUITS
 GS ASSEMBLIES
 . SUBASSEMBLIES
 RT ACCESSORIES
 ∞ COMPONENTS

SUBAUDIBLE FREQUENCIES

GS FREQUENCIES
 . RADIO FREQUENCIES
 . . LOW FREQUENCIES
 . . . SUBAUDIBLE FREQUENCIES
 RANGE (EXTREMES)
 . FREQUENCY RANGES
 . . SUBAUDIBLE FREQUENCIES
 RT FREQUENCY DISTRIBUTION
 HARMONICS
 ZERO SOUND

SUBCARRIER WAVES

USE CARRIER WAVES

SUBCIRCUITS

USE CIRCUITS
SUBASSEMBLIES

SUBCONTRACTS

GS CONTRACTS
 . SUBCONTRACTS
 RT AGREEMENTS
 CONTRACT MANAGEMENT
 CONTRACT NEGOTIATION
 CONTRACTORS
 ESTIMATES
 GRANTS
 OPTIONS
 PROCUREMENT

SUBCRITICAL FLOW

GS FLUID FLOW
 . SUBCRITICAL FLOW
 RT CRITICAL FLOW
 FLOW CHARACTERISTICS
 GAS FLOW
 LIQUID FLOW
 MULTIPHASE FLOW
 ORIFICE FLOW
 PIPE FLOW
 PRESSURE GRADIENTS
 SINGLE-PHASE FLOW
 STEADY FLOW
 STEAM FLOW
 SUPERCRITICAL FLOW
 TURBULENT FLOW
 UNIFORM FLOW
 UNSTEADY FLOW

SUBCRITICAL MASS

GS MASS
 . SUBCRITICAL MASS
 RT CRITICAL MASS
 NUCLEAR FISSION
 NUCLEAR REACTIONS

SUBDIVISIONS

RT ∞ DIVISION
 ∞ GROUPS
 ∞ SECTIONS
 SET THEORY
 SUBGROUPS
 SUBSIDIARIES

SUBDWARF STARS

GS CELESTIAL BODIES
 . STARS
 . . DWARF STARS
 . . . SUBDWARF STARS
 RT MAIN SEQUENCE STARS
 WHITE DWARF STARS

SUBGIANT STARS

GS CELESTIAL BODIES

SUBGIANT STARS-(CONT.)

. STARS
 . . SUBGIANT STARS
 RT CARBON STARS
 DWARF STARS
 GIANT STARS
 LATE STARS
 M STARS
 MAIN SEQUENCE STARS
 STELLAR EVOLUTION
 SUPERGIANT STARS

SUBGRAVITY

USE REDUCED GRAVITY

SUBGROUPS

UF SUBLATTICES
 GS ALGEBRA
 . GROUP THEORY
 . . HOMOMORPHISMS
 . . . SUBGROUPS
 RT MATRICES (MATHEMATICS)
 NUMBER THEORY
 PROBABILITY THEORY
 SET THEORY
 SUBDIVISIONS
 SUBSIDIARIES

SUBHARMONIC GENERATORS

RT DAMPING
 ∞ GENERATORS
 HARMONIC GENERATORS
 HARMONIC OSCILLATORS
 HARMONICS
 OSCILLATORS
 SIGNAL GENERATORS
 STIMULATED EMISSION DEVICES

SUBIC PROJECT

USE SUBMARINE INTEGRATED CONTROL PROJECT

SUBJECTS

GS CLASSIFICATIONS
 . SUBJECTS
 RT HANDBOOKS
 INFORMATION RETRIEVAL
 TEXTBOOKS

SUBLATTICES

USE LATTICES (MATHEMATICS)
SUBGROUPS

SUBLAYERS

USE SUBSTRATES

SUBLETHAL DOSAGE

GS DOSAGE
 . SUBLETHAL DOSAGE
 RT DRUGS

SUBLIMATION

GS PHASE TRANSFORMATIONS
 . VAPORIZING
 . . SUBLIMATION
 RT ABLATION
 BENEFICIATION
 CONDENSING
 CRYSTALLIZATION
 DESORPTION
 DIFFUSION
 EVAPORATION
 GAS-METAL INTERACTIONS
 GAS-SOLID INTERFACES
 PHASE CHANGE MATERIALS
 PURIFICATION
 PYROMETALLURGY
 REFINING
 ∞ SEPARATION
 VAPOR PRESSURE

SUBLIMINAL STIMULI

RT PSYCHOLOGY
 SENSORY STIMULATION
 ∞ STIMULI

SUBMARINE CABLES

GS TRANSMISSION LINES
 . SUBMARINE CABLES
 RT ∞ CABLES
 COAXIAL CABLES
 COMMUNICATION CABLES
 POWER LINES

SUBMARINE INTEGRATED CONTROL PROJECT

UF SUBIC PROJECT
 GS PROGRAMS
 . PROJECTS
 . . SUBMARINE INTEGRATED CONTROL PROJECT

SUBMARINE PROPULSION

GS PROPULSION
 . MARINE PROPULSION
 . . UNDERWATER PROPULSION
 . . . SUBMARINE PROPULSION

SUBMARINES

GS WATER VEHICLES
 . SHIPS
 . . SUBMARINES
 . . . BALLISTIC MISSILE SUBMARINES
 . . . GUIDED MISSILE SUBMARINES
 . . . TRIDENT SUBMARINE
 . UNDERWATER VEHICLES
 . . SUBMARINES
 . . . BALLISTIC MISSILE SUBMARINES
 . . . GUIDED MISSILE SUBMARINES
 . . . TRIDENT SUBMARINE
 RT ANTISHIP MISSILES
 ANTISHIP WARFARE
 ANTISUBMARINE WARFARE
 ∞ MILITARY VEHICLES
 NAVY
 NUCLEAR POWERED SHIPS
 SEAFARER PROJECT
 SHIP HULLS
 SUBMERGED BODIES

SUBMERGED BODIES

GS SUBMERGED BODIES
 . DIVING (UNDERWATER)
 . UNDERWATER RESEARCH LABORATORIES
 RT SUBMARINES
 TORPEDOES
 TOWED BODIES
 UNDERWATER ENGINEERING
 UNDERWATER PHOTOGRAPHY
 UNDERWATER STRUCTURES
 UNDERWATER VEHICLES
 WATER IMMERSION

SUBMERGING

UF IMMERSION
 RT BATHS
 DIPPING
 QUENCHING (COOLING)
 SINKING
 ∞ SOAKING
 WATER IMMERSION
 WEIGHTLESSNESS SIMULATION
 WETTING

SUBMERSIBLE AIRCRAFT

RT ∞ AIRCRAFT
 ANTISUBMARINE WARFARE AIRCRAFT
 LIGHT AIRCRAFT
 ∞ MILITARY AIRCRAFT
 RECONNAISSANCE AIRCRAFT
 RESEARCH AIRCRAFT
 WATER TAKEOFF AND LANDING AIRCRAFT

SUBMILLIMETER WAVES

SN (BELOW 1 MILLIMETER)
 GS ELECTROMAGNETIC RADIATION
 . RADIO WAVES
 . . SHORT WAVE RADIATION
 . . . SUBMILLIMETER WAVES
 RT BEAMS (RADIATION)
 ELECTROMAGNETIC NOISE
 FAR INFRARED RADIATION
 FREQUENCIES
 MICROWAVES
 MILLIMETER WAVES
 WAVELENGTHS

SUBMINIATURIZATION

GS MINIATURIZATION
 . SUBMINIATURIZATION
 RT ELECTRONIC MODULES
 MICROMINIATURIZATION
 MINIATURE ELECTRONIC EQUIPMENT
 PRINTED CIRCUITS

SUBORBITAL FLIGHT

RT ∞ FLIGHT
 MANNED SPACE FLIGHT

SUBREFLECTORS

SUBORBITAL FLIGHT-(CONT.)

ORBITS
PARABOLIC FLIGHT
ROCKET FLIGHT
SPACE FLIGHT
WEIGHTLESSNESS

SUBREFLECTORS

RT CASSEGRAIN ANTENNAS
CONDUCTORS
REFLECTORS
SCANNERS

SUBROC MISSILE

GS MISSILES
. BALLISTIC MISSILES
. FIELD ARMY BALLISTIC MISSILES
. SUBROC MISSILE
. SURFACE TO SURFACE MISSILES
. FLEET BALLISTIC MISSILES
. SUBROC MISSILE
. UNDERWATER TO SURFACE MISSILES
. SUBROC MISSILE
RT UNDERWATER TRAJECTORIES

SUBROUTINE LIBRARIES (COMPUTERS)

GS COMPUTER PROGRAMS
. COMPUTER SYSTEMS PROGRAMS
. SUBROUTINE LIBRARIES (COMPUTERS)
RT SUBROUTINES

SUBROUTINES

GS COMPUTER PROGRAMS
. SUBROUTINES
DATA CONVERSION ROUTINES
. SUBROUTINES
RT COMPILERS
PARSING ALGORITHMS
SUBROUTINE LIBRARIES (COMPUTERS)
USER MANUALS (COMPUTER PROGRAMS)

SUBSETS (MATHEMATICS)

USE SET THEORY

SUBSIDENCE

RT ISOSTASY
MINES (EXCAVATIONS)
SETTLING

SUBSIDIARIES

RT ∞ DIVISION
∞ SECTIONS
SUBDIVISIONS
SUBGROUPS

∞ SUBSONIC AIRCRAFT

SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)*
RT ∞ AIRCRAFT
FLYING PLATFORMS
GENERAL AVIATION AIRCRAFT
GETOL AIRCRAFT
GLIDERS
GROUND EFFECT MACHINES
HELICOPTERS
JET AIRCRAFT
LIGHT AIRCRAFT
PARAGLIDERS
PASSENGER AIRCRAFT
ROTARY WING AIRCRAFT
SHORT TAKEOFF AIRCRAFT
SUPERSONIC AIRCRAFT
TANDEM WING AIRCRAFT
TERRAIN FOLLOWING AIRCRAFT
TRAINING AIRCRAFT
TRANSPORT AIRCRAFT
TURBOPROP AIRCRAFT
UTILITY AIRCRAFT
VERTICAL TAKEOFF AIRCRAFT
WATER TAKEOFF AND LANDING AIRCRAFT

SUBSONIC FLOW

GS FLUID FLOW
. SUBSONIC FLOW
RT AERODYNAMICS
COMPRESSIBLE FLOW
FLOW VELOCITY
GAS FLOW
INCOMPRESSIBLE FLOW
KARMAN VORTEX STREET

SUBSONIC FLOW-(CONT.) TRANSONIC FLOW

SUBSONIC FLUTTER

GS VIBRATION
. STRUCTURAL VIBRATION
. FLUTTER
. SUBSONIC FLUTTER
. SELF INDUCED VIBRATION
. SUBSONIC FLUTTER
RT TRANSONIC FLUTTER

SUBSONIC SPEED

GS RATES (PER TIME)
. SUBSONIC SPEED
VELOCITY
RT ACOUSTIC VELOCITY
LOW SPEED
TRANSONIC SPEED

SUBSONIC WIND TUNNELS

GS TEST FACILITIES
. WIND TUNNELS
. LOW SPEED WIND TUNNELS
. SUBSONIC WIND TUNNELS
RT BLOWDOWN WIND TUNNELS
HYPERSONIC WIND TUNNELS
RECTANGULAR WIND TUNNELS
SUPERSONIC WIND TUNNELS
TRANSONIC WIND TUNNELS

SUBSTANCES

USE MATERIALS

SUBSTITUTES

UF SUBSTITUTION
RT ALTERNATIVES
REPLACING
VARIATIONS

SUBSTITUTION

USE SUBSTITUTES

SUBSTRATES

UF SUBLAYERS
GS STRATA
RT SUBSTRATES
COATINGS
LAMINATES
∞ LAYERS
METALLIZING
PHOTOMASKS
PLATING
PLY ORIENTATION
PRIMERS (COATINGS)

SUBSTRUCTURES

RT FLOORS
FOUNDATIONS
STRUCTURAL DESIGN
STRUCTURAL MEMBERS
∞ STRUCTURES
SUPPORTS
UNDERCARRIAGES
WALLS

SUBTRACTION

GS NUMBER THEORY
. SUBTRACTION
RT ARITHMETIC
COMPUTATION

SUBTROPICAL REGIONS

USE TEMPERATE REGIONS
TROPICAL REGIONS

SUBURBAN AREAS

RT CITIES
LAND USE
MEGALOPOLISES
REGIONAL PLANNING
RESIDENTIAL AREAS
RURAL AREAS

SUBZERO TEMPERATURE

GS TEMPERATURE
. SUBZERO TEMPERATURE
RT ABSOLUTE ZERO
ATMOSPHERIC TEMPERATURE
COLD ACCLIMATIZATION
COLD TOLERANCE
COLD WEATHER

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SUCCESS PROJECT

GS PROGRAMS
. PROJECTS
. SUCCESS PROJECT
WEAPON SYSTEMS
. SUCCESS PROJECT

SUCCINIMIDES

GS NITROGEN COMPOUNDS
. AMIDES
. SUCCINIMIDES
. IMIDES
. SUCCINIMIDES

SUCROSE

GS ALIPHATIC COMPOUNDS
. SUGARS
. SUCROSE
CARBOHYDRATES
. SUGARS
. SUCROSE

SUCTION

RT EVACUATING (VACUUM)
PRESSURE EFFECTS
PRESSURE GRADIENTS
VACUUM
VACUUM APPARATUS
VACUUM PUMPS

SUD AVIATION AIRCRAFT

GS SUD AVIATION AIRCRAFT
. ALOUETTE HELICOPTERS
. SA-330 HELICOPTER
. SE-3160 HELICOPTER
CONCORDE AIRCRAFT
. GY-80 AIRCRAFT
. SA-321 HELICOPTER
. SA-3210 HELICOPTER
. SE-210 AIRCRAFT
. VJ-101 AIRCRAFT
RT ∞ AIRCRAFT

SUD AVIATION GY-80 AIRCRAFT

USE GY-80 AIRCRAFT

SUD AVIATION SA-321 HELICOPTER

USE SA-321 HELICOPTER

SUD AVIATION SA-330 HELICOPTER

USE SA-330 HELICOPTER

SUD AVIATION SA-3210 HELICOPTER

USE SA-3210 HELICOPTER

SUD AVIATION SE-210 AIRCRAFT

USE SE-210 AIRCRAFT

SUD AVIATION SE-3160 HELICOPTER

USE SE-3160 HELICOPTER

SUD VJ-101 AIRCRAFT

USE VJ-101 AIRCRAFT

SUDAN

RT AFRICA
NATIONS

SUDDEN ENHANCEMENT OF ATMOSPHERICS

GS ELECTROMAGNETIC INTERFERENCE
. RADIO FREQUENCY INTERFERENCE
. BLACKOUT (PROPAGATION)
. ELECTROMAGNETIC NOISE
. ATMOSPHERICS
. SUDDEN ENHANCEMENT OF
ATMOSPHERICS

SUDDEN IONOSPHERIC DISTURBANCES

UF GEOMAGNETIC CROTCHETS
SID (IONOSPHERIC DISTURBANCES)
GS IONOSPHERIC DISTURBANCES
. IONOSPHERIC STORMS
. SUDDEN IONOSPHERIC
DISTURBANCES
STORMS
. IONOSPHERIC STORMS
. SUDDEN IONOSPHERIC
DISTURBANCES
RT ∞ DISTURBANCES
MAGNETIC DISTURBANCES
MAGNETIC STORMS
SOLAR ACTIVITY EFFECTS
TRAVELING IONOSPHERIC
DISTURBANCES

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SULFUR FLUORIDES

SUDDEN STORM COMMENCEMENTS

RT MAGNETIC DISTURBANCES
MAGNETIC STORMS
SOLAR ACTIVITY EFFECTS
SOLAR CORPUSCULAR RADIATION
SOLAR FLARES
STORMS

SUGAR BEETS

GS FARM CROPS
. SUGAR BEETS
RT AGRICULTURE
BOTANY
CROP GROWTH
CROP VIGOR
EARTH RESOURCES
FARMLANDS
IRRIGATION
SEEDS
SUGARS

SUGAR CANE

GS FARM CROPS
. SUGAR CANE
PLANTS (BOTANY)
. SUGAR CANE
RT AGRICULTURE
BOTANY
CROP GROWTH
CROP VIGOR
EARTH RESOURCES
FARMLANDS
∞ FOOD
IRRIGATION
SEEDS

SUGARS

GS ALIPHATIC COMPOUNDS
. SUGARS
. DEXTRANS
. GALACTOSE
. GLUCOSE
. HEXOSES
. INOSITOLS
. LACTOSE
. MANNITOL
. MONOSACCHARIDES
. RIBOSE
. XYLOSE
. PENTOSE
. RIBOSE
. XYLOSE
. SUCROSE
CARBOHYDRATES
. SUGARS
. DEXTRANS
. GALACTOSE
. GLUCOSE
. HEXOSES
. INOSITOLS
. LACTOSE
. MANNITOL
. MONOSACCHARIDES
. RIBOSE
. XYLOSE
. PENTOSE
. RIBOSE
. XYLOSE
. SUCROSE
RT ∞ FOOD
SUGAR BEETS

SUGGESTION

GS RECOMMENDATIONS
. SUGGESTION
RT HYPNOSIS

SUHL EFFECT

RT CARRIER INJECTION
∞ EFFECTS
ELECTRONS
EXCITONS
HOLES (ELECTRON DEFICIENCIES)
MAGNETIC FIELDS
N-TYPE SEMICONDUCTORS
RECOMBINATION REACTIONS

SUITABILITY

RT ACCEPTABILITY
COMPATIBILITY

SUITS

GS CLOTHING
. SUITS
. PRESSURE SUITS

SUITS-(CONT.)

... SPACE SUITS
RT GARMENTS

SULFATES

GS SULFUR COMPOUNDS
. SULFATES
. AMMONIUM SULFATES
. BARITE
. HYDROXYLAMINE SULFATE
. LITHIUM SULFATES
. MAGNESIUM SULFATES
. HEXAHEDRITE
. SODIUM SULFATES
RT GYPSUM
SULFURIC ACID

SULFATION

GS CHEMICAL REACTIONS
. SULFATION
RT HYDROMETALLURGY

SULFIDES

GS CHALCOGENIDES
. SULFIDES
. DISULFIDES
. CARBON DISULFIDE
. INORGANIC SULFIDES
. BARIUM SULFIDES
. BISMUTH SULFIDES
. CADMIUM SULFIDES
. CALCIUM SULFIDES
. COPPER SULFIDES
. ENARGITE
. HYDROGEN SULFIDE
. INDIUM SULFIDES
. LEAD SULFIDES
. MOLYBDENUM SULFIDES
. MOLYBDENUM DISULFIDES
. POLYSULFIDES
. STRONTIUM SULFIDES
. ZINC SULFIDES
. WURTZITE
. ZINCBLLENDE
. PYRITES
. PYRRHOTITE
. TROILITE
SULFUR COMPOUNDS
. SULFIDES
. DISULFIDES
. CARBON DISULFIDE
. INORGANIC SULFIDES
. BARIUM SULFIDES
. BISMUTH SULFIDES
. CADMIUM SULFIDES
. CALCIUM SULFIDES
. COPPER SULFIDES
. ENARGITE
. HYDROGEN SULFIDE
. INDIUM SULFIDES
. LEAD SULFIDES
. MOLYBDENUM SULFIDES
. MOLYBDENUM DISULFIDES
. POLYSULFIDES
. STRONTIUM SULFIDES
. ZINC SULFIDES
. WURTZITE
. ZINCBLLENDE
. PYRITES
. PYRRHOTITE
. TROILITE
RT THIOPLASTICS

SULFITES

GS SULFUR COMPOUNDS
. SULFITES
. HYDROSULFITES
. SODIUM SULFITES

SULFONATES

GS ESTERS
. SULFONATES
SULFUR COMPOUNDS
. SULFONATES
RT ∞ SALTS

SULFONES

GS SULFUR COMPOUNDS
. SULFONES
RT SULFONIC ACID

SULFONIC ACID

GS ACIDS
. SULFONIC ACID
RT SULFONES

SULFONIC ACID-(CONT.)

SULFUR COMPOUNDS

SULFUR

GS CHEMICAL ELEMENTS
. SULFUR
. SULFUR ISOTOPES

SULFUR CHLORIDES

GS HALOGEN COMPOUNDS
. CHLORINE COMPOUNDS
. CHLORIDES
. SULFUR CHLORIDES
. HALIDES
. CHLORIDES
. SULFUR CHLORIDES
SULFUR COMPOUNDS
. SULFUR CHLORIDES

SULFUR COMPOUNDS

GS SULFUR COMPOUNDS
. ALUM
. ORGANIC SULFUR COMPOUNDS
. SULFATES
. AMMONIUM SULFATES
. BARITE
. HYDROXYLAMINE SULFATE
. LITHIUM SULFATES
. MAGNESIUM SULFATES
. HEXAHEDRITE
. SODIUM SULFATES
. SULFIDES
. DISULFIDES
. CARBON DISULFIDE
. INORGANIC SULFIDES
. BARIUM SULFIDES
. BISMUTH SULFIDES
. CADMIUM SULFIDES
. CALCIUM SULFIDES
. COPPER SULFIDES
. ENARGITE
. HYDROGEN SULFIDE
. INDIUM SULFIDES
. LEAD SULFIDES
. MOLYBDENUM SULFIDES
. MOLYBDENUM DISULFIDES
. POLYSULFIDES
. STRONTIUM SULFIDES
. ZINC SULFIDES
. WURTZITE
. ZINCBLLENDE
. PYRITES
. PYRRHOTITE
. TROILITE
SULFITES
. HYDROSULFITES
. SODIUM SULFITES
SULFONATES
SULFONES
. SULFUR CHLORIDES
. SULFUR FLUORIDES
. SULFUR OXIDES
. SULFUR DIOXIDES
SULFURIC ACID
THIAZINE (TRADEMARK)
THIOLS
. CYSTEINE
. DIMERCAPROL
RT BLOEDITE
∞ GROUP 6A COMPOUNDS
SULFONIC ACID

SULFUR DIOXIDES

GS CHALCOGENIDES
. OXIDES
. DIOXIDES
. SULFUR DIOXIDES
. SULFUR OXIDES
. SULFUR DIOXIDES
SULFUR COMPOUNDS
. SULFUR OXIDES
. SULFUR DIOXIDES

SULFUR FLUORIDES

GS HALOGEN COMPOUNDS
. FLUORINE COMPOUNDS
. FLUORIDES
. SULFUR FLUORIDES
. HALIDES
. FLUORIDES
. SULFUR FLUORIDES
SULFUR COMPOUNDS
. SULFUR FLUORIDES

SULFUR ISOTOPES

SULFUR ISOTOPES
GS CHEMICAL ELEMENTS
. SULFUR
. . SULFUR ISOTOPES

SULFUR OXIDES
GS CHALCOGENIDES
. OXIDES
. . SULFUR OXIDES
. . . SULFUR DIOXIDES
SULFUR COMPOUNDS
. SULFUR OXIDES
. . SULFUR DIOXIDES
RT ACID RAIN
DIOXIDES

SULFURIC ACID
GS ACIDS
. SULFURIC ACID
SULFUR COMPOUNDS
. SULFURIC ACID
RT SULFATES

SUM RULES
GS RULES
. SUM RULES
RT SUMS

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SUMMER
GS SEASONS
. SUMMER
RT HOT WEATHER
SOLSTICES

SUMPS
RT DRAINAGE
PITS (EXCAVATIONS)
WASTE DISPOSAL

SUMS
RT ALGEBRA
AMOUNT
ARITHMETIC
COMPUTATION
SERIES (MATHEMATICS)
SUM RULES

SUN
UF SOLAR DISK
GS CELESTIAL BODIES
. STARS
. . SUN
RT CELESTIAL MECHANICS
LIGHT SOURCES
PHOTOSPHERE
PLANETS
SOLAR ACTIVITY
SOLAR ATMOSPHERE
SOLAR CORPUSCULAR RADIATION
SOLAR CYCLES
SOLAR GRAVITATION
SOLAR LIMB
SOLAR OBLATENESS
SOLAR OSCILLATIONS
SOLAR POSITION
SOLAR RADAR ECHOES
SOLAR RADIATION
SOLAR ROTATION
SOLAR SPECTRA
SOLAR SYSTEM
SOLAR VELOCITY
SUNLIGHT

SUN SENSORS
USE SOLAR SENSORS

SUNBLAZER SPACE PROBE
GS UNMANNED SPACECRAFT
. SPACE PROBES
. . SOLAR PROBES
. . . SUNBLAZER SPACE PROBE
RT MULTISTAGE ROCKET VEHICLES

SUNBLAZER SPACE PROBE-(CONT.)
SOLID PROPELLANT ROCKET ENGINES

SUNDERLAND 5 FLYING BOAT
GS ATTACK AIRCRAFT
. SUNDERLAND 5 FLYING BOAT
MONOPLANES
. SUNDERLAND 5 FLYING BOAT
OBSERVATION AIRCRAFT
. SUNDERLAND 5 FLYING BOAT
RECONNAISSANCE AIRCRAFT
. SUNDERLAND 5 FLYING BOAT
SHORT AND HARLAND AIRCRAFT
. SUNDERLAND 5 FLYING BOAT
WATER TAKEOFF AND LANDING
AIRCRAFT
. SUNDERLAND 5 FLYING BOAT
RT ANTISUBMARINE WARFARE AIRCRAFT

SUNFLOWER POWER SYSTEM
GS AUXILIARY POWER SOURCES
. SOLAR AUXILIARY POWER UNITS
. . SUNFLOWER POWER SYSTEM
ELECTRIC GENERATORS
. SOLAR GENERATORS
. . SOLAR AUXILIARY POWER UNITS
. . . SUNFLOWER POWER SYSTEM
RT SOLAR COLLECTORS
TURBOGENERATORS

SUNFLOWERS
GS FARM CROPS
. SUNFLOWERS
PLANTS (BOTANY)
. SUNFLOWERS
RT AGRICULTURE
CROP IDENTIFICATION
CROPS
EARTH RESOURCES

SUNGLASSES
RT EYE PROTECTION
EYEPICES
GOGGLES
OPTICAL FILTERS
VISORS

SUNLIGHT
GS ELECTROMAGNETIC RADIATION
. LIGHT (VISIBLE RADIATION)
. . SUNLIGHT
EXTRATERRESTRIAL RADIATION
. SOLAR RADIATION
. . SUNLIGHT
RT BLACK BODY RADIATION
CIRCUMSOLAR RADIATION
CLIMATOLOGY
CLOUD COVER
INFRARED RADIATION
INSOLATION
SKY
SKY BRIGHTNESS
SKY RADIATION
SOLAR HEATING
SUN
THERMAL RADIATION
ULTRAVIOLET RADIATION
UMKEHR EFFECT
ZODIACAL LIGHT

SUNRISE
RT MORNING
SUNSET
TERMINATOR LINES

SUNSET
RT EVENING
SUNRISE
TERMINATOR LINES

SUNSPOT CYCLE
GS CYCLES
. SOLAR CYCLES
. . SUNSPOT CYCLE
RT SOLAR ACTIVITY
STARSPOTS

SUNSPOTS
GS SOLAR ACTIVITY
. SUNSPOTS
RT FACULAE
MAGNETIC DISTURBANCES
PHOTOSPHERE
SOLAR CYCLES

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SUNSPOTS-(CONT.)
SOLAR FLARES
SOLAR TERRESTRIAL INTERACTIONS
TWENTY-SEVEN DAY VARIATION

SUPER FORTRESS AIRCRAFT
USE RB-50 AIRCRAFT

SUPER SABRE AIRCRAFT
USE F-100 AIRCRAFT

SUPERALLOYS
USE HEAT RESISTANT ALLOYS

SUPERCAVITATING FLOW
UF SUPERCAVITATION
GS FLUID FLOW
. TURBULENT FLOW
. . SUPERCAVITATING FLOW
RT CAVITATION FLOW
HYDROFOIL OSCILLATIONS

SUPERCAVITATION
USE SUPERCAVITATING FLOW

SUPERCHARGERS
UF SUPERCHARGING
TURBOCHARGERS
GS COMPRESSORS
. SUPERCHARGERS
RT AIR INTAKES
BLOWERS
CENTRIFUGAL COMPRESSORS
COMPRESSING
INTERNAL COMBUSTION ENGINES
TURBOCOMPRESSORS
TURBOMACHINERY

SUPERCHARGING
USE SUPERCHARGERS

SUPERCONDUCTING MAGNETS
GS MAGNETS
. ELECTROMAGNETS
. . SUPERCONDUCTING MAGNETS
RT CRYOGENIC MAGNETS
FLUX PUMPS
HIGH FIELD MAGNETS
MAGNET COILS

SUPERCONDUCTING POWER TRANSMISSION
RT CONDUCTIVITY
CRYOGENICS
ELECTRIC POWER TRANSMISSION
LOW TEMPERATURE PHYSICS
POWER LINES
TRANSITION TEMPERATURE
TRANSMISSION LINES

SUPERCONDUCTING QUANTUM INTERFEROMETERS
USE SQUID (DETECTORS)

SUPERCONDUCTIVITY
UF MEISSNER EFFECT
GS TRANSPORT PROPERTIES
. ELECTRICAL RESISTIVITY
. . SUPERCONDUCTIVITY
. . . KONDO EFFECT
RT ABRIKOSOV THEORY
BCS THEORY
BLOCH BAND
CONDUCTIVITY
CRYOGENICS
CRYOTRONS
ELECTRON PHONON INTERACTIONS
ELECTRON TUNNELING
FLUX PINNING
FLUX PUMPS
JOSEPHSON JUNCTIONS
LANDAU FACTOR
LANDAU-GINZBURG EQUATIONS
LOW TEMPERATURE PHYSICS
SOLID STATE PHYSICS
SPIN GLASS
TRANSITION TEMPERATURE
TRAPPED MAGNETIC FIELDS
VECTOR CURRENTS
VORTICES

SUPERCONDUCTORS
GS CONDUCTORS
. SUPERCONDUCTORS
RT ABRIKOSOV THEORY

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SUPERCONDUCTORS-(CONT.)

CARRIER MOBILITY
CRYOGENIC COMPUTER STORAGE
CRYOTRONS
ELECTRON GAS
ENERGY STORAGE
PINNING
PROXIMITY EFFECT (ELECTRICITY)
SOLID STATE DEVICES
SQUID (DETECTORS)
THERMODYNAMIC COUPLING

SUPERCOOLING

GS COOLING
 . **SUPERCOOLING**
 . CRYOGENIC COOLING
RT AGING (METALLURGY)
 AITKEN NUCLEI
 CONDENSING
 CONVECTION CLOUDS
 CRYSTALLIZATION
 HEAT TREATMENT
 MECHANICAL PROPERTIES
 NUCLEATION
 QUENCHING (COOLING)
 SUPERSATURATION

SUPERCritical FLOW

GS FLUID FLOW
 . **SUPERCritical FLOW**
RT CRITICAL FLOW
 FLOW CHARACTERISTICS
 GAS FLOW
 LIQUID FLOW
 MULTIPHASE FLOW
 ORIFICE FLOW
 PIPE FLOW
 PRESSURE GRADIENTS
 SINGLE-PHASE FLOW
 STEADY FLOW
 STEAM FLOW
 SUBCRITICAL FLOW
 TURBULENT FLOW
 UNSTEADY FLOW

SUPERCritical PRESSURES

GS PRESSURE
 . **SUPERCritical PRESSURES**
 THERMODYNAMIC PROPERTIES
 THERMOPHYSICAL PROPERTIES
 . **SUPERCritical PRESSURES**
RT CRITICAL PRESSURE
 HIGH PRESSURE
 LIQUID PHASES
 VAPOR PHASES
 VAPOR PRESSURE

SUPERCritical WINGS

GS AIRFOILS
 . WINGS
 . **SUPERCritical WINGS**
RT CL-600 CHALLENGER AIRCRAFT
 SPANLOADER AIRCRAFT
 WING PROFILES
 ∞ WINGED VEHICLES

SUPERFLUID FLOW

USE SUPERFLUIDITY

SUPERFLUIDITY

UF SUPERFLUID FLOW
RT COMPRESSIBLE FLUIDS
 ∞ FLUIDS
 INCOMPRESSIBLE FLUIDS
 KELVIN-HELMHOLTZ INSTABILITY
 LIQUID HELIUM
 LIQUID HELIUM 2
 MANY BODY PROBLEM
 QUANTUM STATISTICS
 TWO FLUID MODELS
 VISCOSITY
 VORTICES

SUPERGIANT STARS

GS CELESTIAL BODIES
 . STARS
 . **SUPERGIANT STARS**
RT GIANT STARS
 M STARS
 SUBGIANT STARS

SUPERHARMONICS

GS HARMONICS
 . **SUPERHARMONICS**
RT CYCLES

SUPERHARMONICS-(CONT.)

FREQUENCIES
MACH NUMBER
SUPERSONIC WIND TUNNELS
SUPERSONICS

SUPERHEATING

GS HEATING
 . **SUPERHEATING**
RT STEAM

SUPERHETERODYNE RECEIVERS

GS COMMUNICATION EQUIPMENT
 . RADIO RECEIVERS
 . **SUPERHETERODYNE RECEIVERS**
 RADIO EQUIPMENT
 . RADIO RECEIVERS
 . **SUPERHETERODYNE RECEIVERS**
 RECEIVERS
 . RADIO RECEIVERS
 . **SUPERHETERODYNE RECEIVERS**
RT BEAT FREQUENCIES
 HETERODYNNING

SUPERHIGH FREQUENCIES

SN (3 TO 30 GHZ)
UF KU BAND
 S BAND
 X BAND
GS FREQUENCIES
 . RADIO FREQUENCIES
 . MICROWAVE FREQUENCIES
 . **SUPERHIGH FREQUENCIES**
RT C BAND
 CENTIMETER WAVES
 UNIFIED S BAND

SUPERHYBRID MATERIALS

GS COMPOSITE MATERIALS
 . **SUPERHYBRID MATERIALS**
 . GRAPHITE-EPOXY COMPOSITES
RT BORON-EPOXY COMPOUNDS
 CARBON FIBER REINFORCED PLASTICS
 FIBER COMPOSITES
 REINFORCING FIBERS

SUPERIMPOSITION (MATHEMATICS)

USE SUPERPOSITION (MATHEMATICS)

SUPERMAGNETS

USE HIGH FIELD MAGNETS

SUPERMASSIVE STARS

GS CELESTIAL BODIES
 . STARS
 . **SUPERMASSIVE STARS**
RT STELLAR MODELS
 STELLAR STRUCTURE

SUPERNOVA REMNANTS

RT BLACK HOLES (ASTRONOMY)
 NEUTRON STARS
 NORTH POLAR SPUR (ASTRONOMY)
 PULSARS
 SUPERNOVAE
 WHITE DWARF STARS
 WHITE HOLES (ASTRONOMY)

SUPERNOVAE

GS CELESTIAL BODIES
 . STARS
 . VARIABLE STARS
 . **SUPERNOVAE**
RT CRAB NEBULA
 GRAVITATIONAL COLLAPSE
 NEBULAE
 NOVAE
 OPIK THEORY
 ORION NEBULA
 STELLAR MASS
 STELLAR MASS EJECTION
 SUPERNOVA REMNANTS

SUPEROXIDES

USE INORGANIC PEROXIDES

SUPERPLASTICITY

GS MECHANICAL PROPERTIES
 . PLASTIC PROPERTIES
 . **SUPERPLASTICITY**
RT CREEP PROPERTIES
 CRYSTAL DISLOCATIONS
 ELONGATION
 EUTECTIC ALLOYS

SUPERSONIC AIRCRAFT

SUPERPLASTICITY-(CONT.)

HEAT RESISTANT ALLOYS
PLASTIC DEFORMATION
PLASTIC FLOW

SUPERPOSITION (MATHEMATICS)

UF SUPERIMPOSITION (MATHEMATICS)
RT EQUIVALENT CIRCUITS
 LINEAR CIRCUITS
 ∞ MATHEMATICS
 NETWORK ANALYSIS
 NETWORK SYNTHESIS

SUPERPRESSURE BALLOONS

UF CONSTANT VOLUME BALLOONS
 TETROONS
GS EXPANDABLE STRUCTURES
 . INFLATABLE STRUCTURES
 . BALLOONS
 . . . HIGH ALTITUDE BALLOONS
 . . . **SUPERPRESSURE BALLOONS**
RT BALLOON SOUNDING
 METEOROLOGICAL BALLOONS

SUPERROTATION

RT ATMOSPHERIC CIRCULATION
 EARTH ATMOSPHERE
 EARTH ROTATION
 ROTATING FLUIDS

SUPERSATURATION

RT CONDENSING
 CRYSTALLIZATION
 HEAT TREATMENT
 MAYER PROBLEM
 PRECIPITATION (CHEMISTRY)
 PRECIPITATION HARDENING
 QUENCHING (COOLING)
 SOLID SOLUTIONS
 SUPERCooling

SUPERSONIC AIRCRAFT

SN (AIRCRAFT DESIGNED TO FLY AT SPEEDS ABOVE MACH 1 AND BELOW MACH 5)
UF TRANSONIC AIRCRAFT
GS **SUPERSONIC AIRCRAFT**
 . A-5 AIRCRAFT
 . B-58 AIRCRAFT
 . B-70 AIRCRAFT
 . BOEING 733 AIRCRAFT
 . D-558 AIRCRAFT
 . F-5 AIRCRAFT
 . F-8 AIRCRAFT
 . F-14 AIRCRAFT
 . F-15 AIRCRAFT
 . F-16 AIRCRAFT
 . F-17 AIRCRAFT
 . F-100 AIRCRAFT
 . F-101 AIRCRAFT
 . F-102 AIRCRAFT
 . F-104 AIRCRAFT
 . F-106 AIRCRAFT
 . F-111 AIRCRAFT
 . FIREBEE 2 TARGET DRONE AIRCRAFT
 . G-95/4 AIRCRAFT
 . JAGUAR AIRCRAFT
 . MIG AIRCRAFT
 . MIRAGE AIRCRAFT
 . MIRAGE 3 AIRCRAFT
 . NORD 1500 AIRCRAFT
 . P-1154 AIRCRAFT
 . PHANTOM AIRCRAFT
 . F-4 AIRCRAFT
 . RF-4 AIRCRAFT
 . SAAB 37 AIRCRAFT
 . SUPERSONIC TRANSPORTS
 . CL-823 AIRCRAFT
 . CONCORDE AIRCRAFT
 . L-2000 AIRCRAFT
 . NAC-60 AIRCRAFT
 . **SUPERSONIC COMMERCIAL AIR**
 TRANSPORT
 . . . BOEING 2707 AIRCRAFT
 . T-38 AIRCRAFT
 . TSR-2 AIRCRAFT
 . VJ-101 AIRCRAFT
 . X-1 AIRCRAFT
 . X-2 AIRCRAFT
 . X-3 AIRCRAFT
 . X-15 AIRCRAFT
RT ∞ AIRCRAFT
 ATTACK AIRCRAFT
 FIGHTER AIRCRAFT
 HYPERSONIC AIRCRAFT

SUPERSONIC AIRFOILS

SUPERSONIC AIRCRAFT-(CONT.)

JET AIRCRAFT
PASSENGER AIRCRAFT
RECONNAISSANCE AIRCRAFT
RESEARCH AIRCRAFT
∞ SUBSONIC AIRCRAFT
SUPERSONIC CRUISE AIRCRAFT
RESEARCH
SUPERSONICS
SWEEPBACK WINGS
TRANSPORT AIRCRAFT
TRAPEZOIDAL TAIL SURFACES
VARIABLE CYCLE ENGINES
VARIABLE STREAM CONTROL ENGINES

SUPERSONIC AIRFOILS

GS AIRFOILS
 . SUPERSONIC AIRFOILS
RT SWEEPBACK
 SWEEPBACK TAIL SURFACES
 SWEEPBACK WINGS

SUPERSONIC BOUNDARY LAYERS

GS BOUNDARY LAYERS
 . SUPERSONIC BOUNDARY LAYERS
RT FLUID FLOW
 LAMINAR BOUNDARY LAYER
 SUPERSONICS
 TURBULENT BOUNDARY LAYER
 TWO DIMENSIONAL BOUNDARY LAYER

SUPERSONIC COMBUSTION

GS COMBUSTION
 . SUPERSONIC COMBUSTION
RT ENGINES
 FUEL COMBUSTION

SUPERSONIC COMBUSTION RAMJET ENGINES

UF SCRAMJET ENGINES
SCRAMJETS
GS ENGINES
 . AIR BREATHING ENGINES
 . GAS TURBINE ENGINES
 . JET ENGINES
 RAMJET ENGINES
 SUPERSONIC COMBUSTION
 RAMJET ENGINES
 . INTERNAL COMBUSTION ENGINES
 . GAS TURBINE ENGINES
 . JET ENGINES
 RAMJET ENGINES
 SUPERSONIC COMBUSTION
 RAMJET ENGINES
 . TURBINE ENGINES
 . GAS TURBINE ENGINES
 . JET ENGINES
 RAMJET ENGINES
 SUPERSONIC COMBUSTION
 RAMJET ENGINES
RT MISSILES
 RAMJET MISSILES
∞ SCRAM

SUPERSONIC COMMERCIAL AIR TRANSPORT

UF SCAT
GS COMMERCIAL AIRCRAFT
 . SUPERSONIC COMMERCIAL AIR
 TRANSPORT
 . BOEING 2707 AIRCRAFT
 . TU-144 AIRCRAFT
SUPERSONIC AIRCRAFT
SUPERSONIC TRANSPORTS
 . SUPERSONIC COMMERCIAL AIR
 TRANSPORT
 . BOEING 2707 AIRCRAFT

SUPERSONIC COMPRESSORS

GS COMPRESSORS
 . SUPERSONIC COMPRESSORS
RT OBLIQUE SHOCK WAVES
TRANSONIC COMPRESSORS
TURBOCOMPRESSORS

SUPERSONIC CRUISE AIRCRAFT RESEARCH

UF SCAR PROGRAM
GS PROGRAMS
 . NASA PROGRAMS
 . SUPERSONIC CRUISE AIRCRAFT
 RESEARCH
RT SUPERSONIC AIRCRAFT
SUPERSONIC TRANSPORTS

SUPERSONIC DIFFUSERS

RT AIR INTAKES
∞ DIFFUSERS

SUPERSONIC DIFFUSERS-(CONT.)

EXHAUST DIFFUSERS
FLOW STABILITY
VANELESS DIFFUSERS

SUPERSONIC DRAG

GS AERODYNAMIC CHARACTERISTICS
 . AERODYNAMIC DRAG
 . . . SUPERSONIC DRAG
AERODYNAMIC FORCES
 . AERODYNAMIC DRAG
 . . . SUPERSONIC DRAG
DYNAMIC CHARACTERISTICS
 . DRAG
 . . FRICTION DRAG
 . . . AERODYNAMIC DRAG
 SUPERSONIC DRAG
 . . . PRESSURE DRAG
 . . . SUPERSONIC DRAG
FRICTION
 . AERODYNAMIC DRAG
 . . SUPERSONIC DRAG
 . FLOW RESISTANCE
 . . FRICTION DRAG
 . . . SUPERSONIC DRAG
 . SKIN FRICTION
 . . FRICTION DRAG
 . . . SUPERSONIC DRAG
RT INTERFERENCE DRAG
WAVE DRAG

SUPERSONIC FLIGHT

RT CAUSTIC LINES
∞ FLIGHT
HYPERSONIC FLIGHT
JET LAG
MACH CONES
MISSILES
ROCKET FLIGHT
SONIC BOOMS
SUPERSONICS
TRANSONIC FLIGHT

SUPERSONIC FLOW

GS FLUID FLOW
 . SUPERSONIC FLOW
RT AERODYNAMICS
COMPRESSIBILITY EFFECTS
COMPRESSIBLE FLOW
FLOW VELOCITY
GAS FLOW
HYPERSONIC FLOW
HYPERVELOCITY FLOW
MACH CONES
PRANDTL-MEYER EXPANSION
SECONDARY INJECTION
SHOCK WAVES
TRANSONIC FLOW
WEDGE FLOW
WIND TUNNELS

SUPERSONIC FLOW INLETS

USE SUPERSONIC INLETS

SUPERSONIC FLUTTER

GS VIBRATION
 . STRUCTURAL VIBRATION
 . FLUTTER
 . . . SUPERSONIC FLUTTER
 . . . SELF INDUCED VIBRATION
 . . . SUPERSONIC FLUTTER
RT MISSILE VIBRATION
TRANSONIC FLUTTER

SUPERSONIC HEAT TRANSFER

GS TRANSMISSION
 . HEAT TRANSMISSION
 . HEAT TRANSFER
 . . . AERODYNAMIC HEAT TRANSFER
 SUPERSONIC HEAT TRANSFER
RT HYPERSONIC HEAT TRANSFER
SUPERSONICS

SUPERSONIC INLETS

UF SUPERSONIC FLOW INLETS
TRANSONIC INLETS
GS INTAKE SYSTEMS
 . AIR INTAKES
 . . . SUPERSONIC INLETS
RT BYPASS RATIO
HYPERSONIC INLETS
INLET AIRFRAME CONFIGURATIONS
INLET FLOW
INTERNAL COMPRESSION INLETS
NOSE INLETS

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SUPERSONIC INLETS-(CONT.)

SIDE INLETS

SUPERSONIC JET FLOW

GS FLUID FLOW
 . JET FLOW
 . . . SUPERSONIC JET FLOW
RT GAS FLOW
NOZZLE FLOW

SUPERSONIC LOW ALTITUDE MISSILE

UF SLAM
GS MISSILES
 . RAMJET MISSILES
 . . . SUPERSONIC LOW ALTITUDE
 MISSILE
 . SURFACE TO SURFACE MISSILES
 . . . SUPERSONIC LOW ALTITUDE
 MISSILE
RT NUCLEAR RAMJET ENGINES
PLUTO REACTORS
RAMJET ENGINES

SUPERSONIC NOZZLES

RT COAXIAL NOZZLES
CONICAL NOZZLES
CONVERGENT-DIVERGENT NOZZLES
HYPERSONIC NOZZLES
∞ NOZZLES
ROCKET NOZZLES
SONIC NOZZLES
TRANSONIC NOZZLES
VARIABLE STREAM CONTROL ENGINES
WIND TUNNEL NOZZLES

SUPERSONIC SPEEDS

GS RATES (PER TIME)
 . SUPERSONIC SPEEDS
VELOCITY
 . SUPERSONIC SPEEDS
RT ACOUSTIC VELOCITY
HIGH SPEED
HYPERSONIC SPEED
HYPERSONICS
SUPERSONICS
TRANSONIC SPEED

SUPERSONIC TEST APPARATUS

RT HYPERSONIC TEST APPARATUS
SUPERSONICS
∞ TEST EQUIPMENT
WIND TUNNEL APPARATUS

SUPERSONIC TRANSPORTS

GS SUPERSONIC AIRCRAFT
 . SUPERSONIC TRANSPORTS
 . CL-823 AIRCRAFT
 . CONCORDE AIRCRAFT
 . L-2000 AIRCRAFT
 . NAC-60 AIRCRAFT
 . SUPERSONIC COMMERCIAL AIR
 TRANSPORT
 . . . BOEING 2707 AIRCRAFT
RT CARGO AIRCRAFT
COMMERCIAL AIRCRAFT
PASSENGER AIRCRAFT
SUPERSONIC CRUISE AIRCRAFT
RESEARCH

SUPERSONIC TURBINES

UF TRANSONIC TURBINES
GS TURBOMACHINERY
 . TURBINES
 . . . SUPERSONIC TURBINES
RT GAS TURBINE ENGINES
GAS TURBINES

SUPERSONIC WAKES

GS WAKES
 . SUPERSONIC WAKES
RT AIRCRAFT WAKES
HYPERSONIC WAKES

SUPERSONIC WIND TUNNELS

SN (MACH 1 TO 5)
GS TEST FACILITIES
 . WIND TUNNELS
 . . . SUPERSONIC WIND TUNNELS
RT BLOWDOWN WIND TUNNELS
HYPERSONIC WIND TUNNELS
HYPERVELOCITY WIND TUNNELS
LOW DENSITY WIND TUNNELS
SHOCK TUNNELS
SLOTTED WIND TUNNELS

SUPERSONIC WIND TUNNELS-(CONT.)

SUBSONIC WIND TUNNELS
SUPERHARMONICS
TRANSONIC WIND TUNNELS

SUPERSONICS

GS FLUID MECHANICS
 . FLUID DYNAMICS
 . . GAS DYNAMICS
 . . . AERODYNAMICS
 **SUPERSONICS**
RT AEROTHERMODYNAMICS
 HYPERSONICS
 MACH CONES
 SUPERHARMONICS
 SUPERSONIC AIRCRAFT
 SUPERSONIC BOUNDARY LAYERS
 SUPERSONIC FLIGHT
 SUPERSONIC HEAT TRANSFER
 SUPERSONIC SPEEDS
 SUPERSONIC TEST APPARATUS

SUPINE POSITION

RT ACCELERATION PROTECTION
 CRAMPTON TEST
 PRONE POSITION
 REST
 SITTING POSITION

SUPPLEMENTS

GS DOCUMENTS
 . **SUPPLEMENTS**
RT CONTRACTS
 EXTENSIONS
 INDEXES (DOCUMENTATION)
 MOTION PICTURES
 RECORDS
 REPORTS

SUPPLYING

RT COMMERCE
 CONSUMPTION
 DEMAND (ECONOMICS)
 FILLING
 INJECTION
 INPUT
 MARKETING
 OUTPUT

SUPPORT INTERFERENCE

RT ANTENNA RADIATION PATTERNS
 . INTERFERENCE
 . SUPPORTS
 . VIBRATION EFFECTS

SUPPORT SYSTEMS

GS **SUPPORT SYSTEMS**
 . GROUND OPERATIONAL SUPPORT
 SYSTEM
 . GROUND SUPPORT SYSTEMS
 . LIFE SUPPORT SYSTEMS
 . . BIOPAKS
 . . CLOSED ECOLOGICAL SYSTEMS
 . . EMERGENCY LIFE SUSTAINING
 SYSTEMS
 . . . AEPS
 . . . PORTABLE LIFE SUPPORT SYSTEMS
 . . . AEPS
RT SELF SEALING
 SERVICES
 . SYSTEMS

SUPPORTS

UF MOUNTS
 STANDS
GS **SUPPORTS**
 . PYLONS
 . SADDLES (SUPPORTS)
 . TRIPODS
RT BEARINGS
 CARRIAGES
 CHASSIS
 FOUNDATIONS
 FRAMES
 GIMBALS
 . HEADERS
 . LUGS
 . PIVOTS
 . PLATFORMS
 . PYLON MOUNTING
 . RACKS (FRAMES)
 . REINFORCEMENT (STRUCTURES)
 . SHAFTS (MACHINE ELEMENTS)
 . STRUTS
 . SUBSTRUCTURES

SUPPORTS-(CONT.)

SUPPORT INTERFERENCE
 . SUSTAINING
 . TRUSSES

SUPPRESSION

USE RETARDING

SUPPRESSORS

GS **SUPPRESSORS**
 . ECHO SUPPRESSORS
RT ABSORBERS (MATERIALS)
 ADDITIVES
 ATTENUATORS
 BAFFLES
 CIRCUIT PROTECTION
 DAMPING
 INFRARED SUPPRESSION
 INHIBITORS
 INSULATION
 ISOLATORS
 MUFFLERS
 NEUTRALIZERS
 NOISE REDUCTION
 RETARDANTS
 SHIELDING
 SILENCERS
 SQUELCH CIRCUITS

SURFACE ACOUSTIC WAVE DEVICES

UF S-A-W DEVICES
RT ACOUSTIC DELAY LINES
 BULK ACOUSTIC WAVE DEVICES
 . DEVICES
 . ELECTROACOUSTIC TRANSDUCERS
 . SIGNAL PROCESSING
 . SOUND WAVES
 . ULTRASONIC WAVE TRANSDUCERS

SURFACE COOLING

GS COOLING
 . **SURFACE COOLING**
RT CONVECTIVE HEAT TRANSFER
 EVAPORATIVE COOLING
 FILM COOLING
 RADIANT COOLING
 RADIATIVE HEAT TRANSFER
 SWEAT COOLING

SURFACE CRACKS

UF CRAZING
GS CRACKS
 . **SURFACE CRACKS**
 . SURFACE PROPERTIES
 . **SURFACE CRACKS**
RT CRACK CLOSURE
 CRACK GEOMETRY
 CRACK INITIATION
 CRACK PROPAGATION
 MICROCRACKS
 SOLID SURFACES

SURFACE DEFECTS

GS DEFECTS
 . **SURFACE DEFECTS**
 . SURFACE PROPERTIES
 . **SURFACE DEFECTS**
RT CAUSTICS (OPTICS)
 CRACK INITIATION
 CRYSTAL DEFECTS
 CRYSTAL DISLOCATIONS
 FATIGUE (MATERIALS)
 MECHANICAL PROPERTIES
 POINT DEFECTS

SURFACE DIFFUSION

GS DIFFUSION
 . **SURFACE DIFFUSION**
RT MOLECULAR DIFFUSION
 THERMAL DIFFUSION

SURFACE DISTORTION

GS DISTORTION
 . **SURFACE DISTORTION**
RT LAMBERT SURFACE
 . SURFACE GEOMETRY
 . WARPAGE

SURFACE EFFECT SHIPS

UF SES
GS SURFACE VEHICLES
 . **SURFACE EFFECT SHIPS**
 . WATER VEHICLES
 . SHIPS

SURFACE EFFECT SHIPS-(CONT.)

. . SURFACE EFFECT SHIPS
RT CAPTURED AIR BUBBLE VEHICLES
 RESEARCH VEHICLES
 SWATH (SHIP)
 . VEHICLES

SURFACE ENERGY

GS SURFACE PROPERTIES
 . **SURFACE ENERGY**
 . THERMODYNAMIC PROPERTIES
 . **SURFACE ENERGY**
RT ACTIVATION ENERGY
 ELECTRON ENERGY
 . ENERGY
 . INTERFACIAL ENERGY
 . INTERFACIAL TENSION
 . PROTON ENERGY
 . THERMOPHYSICAL PROPERTIES

SURFACE FINISHING

UF SURFACE TREATMENT
RT CLEANING
 COATING
 COATINGS
 CORROSION PREVENTION
 CORROSION RESISTANCE
 ELECTROPLATING
 ELECTROPOLISHING
 FINISHES
 MACHINING
 METAL FINISHING
 METAL GRINDING
 METAL POLISHING
 METAL SPRAYING
 METAL SURFACES
 POLISHING
 PROTECTIVE COATINGS
 SHOT PEENING
 SOLID SURFACES
 SPUTTERING
 WEAR

. SURFACE GEOMETRY

SN *(USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)*
RT CONCAVITY
 CONVEXITY
 COSSENET SURFACES
 FLAT SURFACES
 FLATNESS
 GEOMETRY
 LAMBERT SURFACE
 LOFTING
 PLANFORMS
 SHAPES
 SURFACE DISTORTION
 SURFACE LAYERS
 SURFACE PROPERTIES
 SURFACE REACTIONS
 SURFACE ROUGHNESS
 SURFACE STABILITY

SURFACE INTERACTIONS

USE SURFACE REACTIONS

SURFACE IONIZATION

GS IONIZATION
 . **SURFACE IONIZATION**
RT IONIZERS

SURFACE LAYERS

GS **SURFACE LAYERS**
 . MONOMOLECULAR FILMS
RT ATMOSPHERIC STRATIFICATION
 BARRIER LAYERS
 BOUNDARY LAYERS
 CRYSTAL SURFACES
 . LAYERS
 . LUNAR SURFACE
 . OXIDE FILMS
 . SOLAR GRANULATION
 . SURFACE GEOMETRY
 . THERMOCLINES
 . TRANSITION LAYERS

SURFACE NAVIGATION

UF MARINE NAVIGATION
GS NAVIGATION
 . **SURFACE NAVIGATION**
RT CELESTIAL NAVIGATION
 DEAD RECKONING
 DECCA NAVIGATION
 DIGITAL NAVIGATION

SURFACE PRESSURE

SURFACE NAVIGATION-(CONT.)

HYPERBOLIC NAVIGATION
INERTIAL NAVIGATION
LORAN NAVIGATION SYSTEM
LORAN
NAUTICAL CHARTS
NAVIGATION AIDS
RADAR NAVIGATION
RADIO NAVIGATION
SHIPS

SURFACE PRESSURE

USE PRESSURE

SURFACE PROPERTIES

UF BARDEEN APPROXIMATION
GS SURFACE PROPERTIES
. ADHESION
. ADSORPTIVITY
. COEFFICIENT OF FRICTION
. INTERFACIAL TENSION
. SPECTRAL REFLECTANCE
. SURFACE CRACKS
. SURFACE DEFECTS
. SURFACE ENERGY
. SURFACE ROUGHNESS
. SURFACE STABILITY
. SURFACE TEMPERATURE
. SKIN TEMPERATURE
(NON-BIOLOGICAL)
. WALL TEMPERATURE

RT ABSORPTANCE
ALBEDO
COARSENESS
COATING
COATINGS
COLOR
CONTACT POTENTIALS
CONTACT RESISTANCE
CORROSION
COSSERAT SURFACES
DIFFUSION
EFFERVESCENCE
EMISSIVITY
EVANESCENCE
FINISHES
FLAT SURFACES
FOAMING
FRICTION
HARDNESS
HOT CORROSION
INTERFACES
JUPITER RED SPOT
LUNAR ALBEDO
LUNAR SURFACE
LUNAR TOPOGRAPHY
MECHANICAL PROPERTIES
METAL SURFACES
OPTICAL PROPERTIES
PERMEABILITY
∞ PHYSICAL PROPERTIES
PLANAR STRUCTURES
PLANETARY SURFACES
PROFILOMETERS
∞ PROPERTIES
REFLECTANCE
ROUGHNESS
SELENOGRAPHY
SOLID SURFACES
SOLID-SOLID INTERFACES
SORPTION
∞ SURFACE GEOMETRY
∞ SURFACES
TEXTURES
VISCOSITY
VOID RATIO
WETTABILITY

SURFACE REACTIONS

UF SURFACE INTERACTIONS
RT CHEMICAL REACTIONS
EROSION
GAS-LIQUID INTERACTIONS
INTERFACES
METAL SURFACES
METAL-WATER REACTIONS
∞ SURFACE GEOMETRY
SURFACTANTS
VAPORIZING

SURFACE ROUGHNESS

GS ROUGHNESS
. SURFACE ROUGHNESS
SURFACE PROPERTIES
. SURFACE ROUGHNESS

SURFACE ROUGHNESS-(CONT.)

RT COARSENESS
FRICTION
LUNAR TOPOGRAPHY
MACHINING
MECHANICAL PROPERTIES
PROFILOMETERS
RUNWAY CONDITIONS
∞ SURFACE GEOMETRY
TOPOGRAPHY

SURFACE ROUGHNESS EFFECTS

RT ∞ EFFECTS
FRICTION DRAG
REFLECTANCE
SEPARATED FLOW
SPECKLE PATTERNS

SURFACE STABILITY

GS STABILITY
. SURFACE STABILITY
SURFACE PROPERTIES
. SURFACE STABILITY
RT COARSENESS
DYNAMIC STABILITY
INTERFACIAL TENSION
MOTION STABILITY
STATIC STABILITY
STORAGE STABILITY
∞ SURFACE GEOMETRY
THERMAL STABILITY

SURFACE TEMPERATURE

GS SURFACE PROPERTIES
. SURFACE TEMPERATURE
. SKIN TEMPERATURE
(NON-BIOLOGICAL)
. WALL TEMPERATURE
TEMPERATURE
. SURFACE TEMPERATURE
. SKIN TEMPERATURE
(NON-BIOLOGICAL)
. WALL TEMPERATURE
RT COARSENESS
OCEAN TEMPERATURE
THERMOCLINES
WATER TEMPERATURE

SURFACE TENSION

USE INTERFACIAL TENSION

SURFACE TO AIR MISSILES

UF GROUND-TO-AIR MISSILES
GS MISSILES
. SURFACE TO AIR MISSILES
. BLUE GOOSE MISSILE
. BOMARC MISSILES
. BOMARC A MISSILE
. BOMARC B MISSILE
. CHAPARRAL MISSILE
. HAWK MISSILE
. MAULER MISSILE
. NIKE MISSILES
. NIKE-AJAX MISSILE
. NIKE-HERCULES MISSILE
. NIKE-ZEUS MISSILE
. PATRIOT MISSILE
. REDEYE MISSILE
. SEACAT MISSILE
. SEASLUG MISSILE
. SPRINT MISSILE
. TALOS MISSILE
. TARTAR MISSILE
. TERRIER MISSILE
. THUNDERBIRD MISSILE
RT AIR TO AIR MISSILES
AIR TO SURFACE MISSILES
ANTIAIRCRAFT MISSILES
ANTIMISSILE MISSILES
NIKE X SYSTEMS
RAMJET MISSILES
∞ ROCKETS
SENTINEL SYSTEM
SPACE WEAPONS
SPARTAN MISSILE

SURFACE TO SURFACE MISSILES

GS MISSILES
. SURFACE TO SURFACE MISSILES
. ANTITANK MISSILES
. SHILLELAGH MISSILES
. TOW MISSILES
. CORPORAL MISSILE
. CRUISE MISSILES
. NAVAHO MISSILE

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SURFACE TO SURFACE MISSILES-(CONT.)

... TOMAHAWK MISSILES
... FLEET BALLISTIC MISSILES
... POLARIS A1 MISSILE
... POLARIS A2 MISSILE
... POLARIS A2A MISSILE
... POLARIS A3 MISSILE
... POSEIDON MISSILES
... SUBROC MISSILE
... INTERCONTINENTAL BALLISTIC
MISSILES
... ATLAS ICBM
... ATLAS D ICBM
... ATLAS E ICBM
... ATLAS F ICBM
... ATLAS G ICBM
... MINUTEMAN ICBM
... MX MISSILE
... TITAN ICBM
... TITAN 1 ICBM
... TITAN 2 ICBM
... INTERMEDIATE RANGE BALLISTIC
MISSILES
... BLUE STREAK MISSILE
... JUPITER MISSILE
... POLARIS MISSILES
... POLARIS A1 MISSILE
... POLARIS A2 MISSILE
... POLARIS A2A MISSILE
... POLARIS A3 MISSILE
... LACROSSE MISSILE
... LANCE MISSILE
... MACE MISSILES
... PERSHING MISSILE
... REGULUS MISSILE
... SERGEANT MISSILES
... SHORT RANGE BALLISTIC MISSILES
... AUTOMET MISSILE
... SUPERSONIC LOW ALTITUDE MISSILE
... V-1 MISSILE
RT AIR TO SURFACE MISSILES
BALLISTIC MISSILES
HARPOON MISSILE
RAMJET MISSILES
∞ ROCKETS

SURFACE TO SURFACE ROCKETS

GS ROCKET VEHICLES
. SURFACE TO SURFACE ROCKETS
... HONEST JOHN ROCKET VEHICLE
... LITTLE JOHN ROCKET VEHICLE
RT ∞ ROCKETS

SURFACE TREATMENT

USE SURFACE FINISHING

SURFACE VEHICLES

GS SURFACE VEHICLES
... AIRCRAFT CARRIERS
... AUTOMATED GUIDEWAY TRANSIT
VEHICLES
... BOATS
... LIFEBOATS
... CAPTURED AIR BUBBLE VEHICLES
... CARGO SHIPS
... SAVANNAH NUCLEAR SHIP
... TANKER SHIPS
... DOLLIES
... ELECTRIC HYBRID VEHICLES
... LUNAR SURFACE VEHICLES
... LUNAR MOBILE LABORATORIES
... LUNAR ROVING VEHICLES
... LUNOKHOD LUNAR ROVING
VEHICLES
... MANNED LUNAR SURFACE
VEHICLES
... MAGNETIC LEVITATION VEHICLES
... MOTOR VEHICLES
... AUTOMATED MIXED TRAFFIC
VEHICLES
... AUTOMOBILES
... ELECTRIC AUTOMOBILES
... ELECTRIC MOTOR VEHICLES
... TRACTORS
... CRAWLER TRACTORS
... TRACKED VEHICLES
... TRUCKS
... TANK TRUCKS
... NUCLEAR POWERED SHIPS
... SAVANNAH NUCLEAR SHIP
... ROADWAY POWERED VEHICLES
... ROVING VEHICLES
... LUNAR ROVING VEHICLES
... LUNOKHOD LUNAR ROVING
VEHICLES

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SURVEYOR 4 LUNAR PROBE

SURFACE VEHICLES-(CONT.)

. SATELLITE COMMUNICATIONS SHIPS
 . SLEDS
 . . ROCKET PROPELLED SLEDS
 . SURFACE EFFECT SHIPS
 . SWATH (SHIP)
 . TANKS (COMBAT VEHICLES)
 . TRANSPORTER
 . WALKING MACHINES
 RT AMPHIBIOUS VEHICLES
 ∞ BICYCLE
 . GROUND EFFECT MACHINES
 . RAIL TRANSPORTATION
 . RAILS
 . SHIPS
 . UNDERWATER VEHICLES
 . URBAN TRANSPORTATION
 ∞ VEHICLES
 . VEHICULAR TRACKS
 . WATER VEHICLES

SURFACE WATER

GS WATER
 . SURFACE WATER
 RT EARTH RESOURCES
 . GROUND WATER
 . LAKES
 . PONDS
 . RIVERS
 . STREAMS

SURFACE WAVES

SN (EXCLUDES SURFACE RADIO WAVES)
 GS SURFACE WAVES
 . CAPILLARY WAVES
 . GRAVITY WAVES
 . . BAROCLINIC WAVES
 . . RIPPLES
 . ELECTROMAGNETIC SURFACE WAVES
 . SOMMERFELD WAVES
 RT BOW WAVES
 . CNOIDAL WAVES
 . CRUSTAL FRACTURES
 . ELASTIC WAVES
 . INTERNAL WAVES
 . LEE WAVES
 . LIQUID SURFACES
 . LOVE WAVES
 . MICROSONICS
 . P WAVES
 . S WAVES
 . SEA ROUGHNESS
 . SEISMIC WAVES
 . SPLASHING
 . TROPOSPHERIC WAVES
 . TSUNAMI WAVES
 . WATER CURRENTS
 . WATER WAVES
 ∞ WAVES

∞ SURFACES

SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)*
 UF CURVED SURFACES
 RT LIFTING SURFACES
 . AREA
 . COLD SURFACES
 . CONTROL SURFACES
 . COSSERAT SURFACES
 . CRYSTAL SURFACES
 . EARTH SURFACE
 . FERMI SURFACES
 . FLAT SURFACES
 . HOT SURFACES
 . INTERFACES
 . LIQUID SURFACES
 . MENISCI
 . METAL SURFACES
 . PLANETARY SURFACES
 . SOLID SURFACES
 . SURFACE PROPERTIES
 . TAIL SURFACES
 . TWO DIMENSIONAL BODIES
 . WEAR

SURFACTANTS

GS SURFACTANTS
 . VERNER
 RT ADMIXTURES
 ∞ AGENTS
 . DETERGENTS
 . MONOMOLECULAR FILMS
 . PLASTICIZERS
 . RETARDANTS

SURFACTANTS-(CONT.)

SOAPS
 SURFACE REACTIONS

SURGEONS

GS PERSONNEL
 . MEDICAL PERSONNEL
 . SURGEONS
 . . FLIGHT SURGEONS

SURGERY

GS SURGERY
 . LABYRINTHECTOMY
 RT CLINICAL MEDICINE
 . HEART IMPLANTATION
 ∞ OPERATIONS
 . SKIN GRAFTS
 . TRANSPLANTATION
 . VETERINARY MEDICINE

SURGES

UF TRANSIENTS (SURGES)
 RT CIRCUIT PROTECTION
 . FLUID FLOW
 . OVERVOLTAGE
 . VARIATIONS
 . WATER HAMMER
 ∞ WAVES

SURGICAL INSTRUMENTS

GS MEDICAL EQUIPMENT
 . SURGICAL INSTRUMENTS
 RT ∞ INSTRUMENTS
 . NEEDLES

SURINAM

RT NATIONS
 . NETHERLANDS
 . SOUTH AMERICA

SURVEILLANCE

GS SURVEILLANCE
 . SPACE SURVEILLANCE (GROUND BASED)
 . SPACE SURVEILLANCE (SPACEBORNE)
 RT COMMAND AND CONTROL
 . CONICAL SCANNING
 . DETECTION
 . EARTH RESOURCES
 . FOREST FIRE DETECTION
 . ICE MAPPING
 . ICE REPORTING
 . INSPECTION
 . INTELLIGENCE
 . PANORAMIC SCANNING
 . RADAR SCANNING
 . RECONNAISSANCE
 . SCANNING
 . TARGET ACQUISITION
 . TARGET RECOGNITION
 . TARGETS

SURVEILLANCE RADAR

GS RADAR
 . SURVEILLANCE RADAR
 . . AIRBORNE SURVEILLANCE RADAR
 . . COBRA DANE (RADAR)
 . . MULTISTATIC RADAR
 RT AIR TRAFFIC CONTROL
 . AIRPORT SURFACE DETECTION
 . EQUIPMENT
 . COHERENT RADAR
 . CONTINUOUS WAVE RADAR
 . DIGITAL RADAR SYSTEMS
 . DOPPLER RADAR
 . METEOROLOGICAL RADAR
 . PULSE RADAR
 . RADAR APPROACH CONTROL
 . RADAR TRACKING
 . RADARSCOPES
 . SATELLITE-BORNE RADAR
 . SEARCH RADAR
 . SYNTHETIC APERTURE RADAR
 . TRACKING RADAR

SURVEYING

USE SURVEYS

SURVEYOR LUNAR PROBES

GS LUNAR SPACECRAFT
 . LUNAR PROBES
 . SURVEYOR LUNAR PROBES
 . . SURVEYOR 1 LUNAR PROBE
 . . SURVEYOR 2 LUNAR PROBE

SURVEYOR LUNAR PROBES-(CONT.)

. . SURVEYOR 3 LUNAR PROBE
 . . SURVEYOR 4 LUNAR PROBE
 . . SURVEYOR 5 LUNAR PROBE
 . . SURVEYOR 6 LUNAR PROBE
 . . SURVEYOR 7 LUNAR PROBE
 . SOFT LANDING SPACECRAFT
 . SURVEYOR LUNAR PROBES
 . . SURVEYOR 1 LUNAR PROBE
 . . SURVEYOR 2 LUNAR PROBE
 . . SURVEYOR 3 LUNAR PROBE
 . . SURVEYOR 4 LUNAR PROBE
 . . SURVEYOR 5 LUNAR PROBE
 . . SURVEYOR 6 LUNAR PROBE
 . . SURVEYOR 7 LUNAR PROBE
 . UNMANNED SPACECRAFT
 . SPACE PROBES
 . . LUNAR PROBES
 . . SURVEYOR LUNAR PROBES
 . . SURVEYOR 1 LUNAR PROBE
 . . SURVEYOR 2 LUNAR PROBE
 . . SURVEYOR 3 LUNAR PROBE
 . . SURVEYOR 4 LUNAR PROBE
 . . SURVEYOR 5 LUNAR PROBE
 . . SURVEYOR 6 LUNAR PROBE
 . . SURVEYOR 7 LUNAR PROBE

SURVEYOR PROJECT

GS PROGRAMS
 . NASA PROGRAMS
 . SURVEYOR PROJECT
 . PROJECTS
 . SURVEYOR PROJECT
 . SPACE PROGRAMS
 . LUNAR PROGRAMS
 . SURVEYOR PROJECT
 RT ATLAS CENTAUR LAUNCH VEHICLE
 . CENTAUR PROJECT
 . LUNAR LANDING
 . LUNAR PROBES
 . LUNAR SPACECRAFT
 . SOFT LANDING
 . SOFT LANDING SPACECRAFT

SURVEYOR 1 LUNAR PROBE

GS LUNAR SPACECRAFT
 . LUNAR PROBES
 . SURVEYOR LUNAR PROBES
 . SURVEYOR 1 LUNAR PROBE
 . SOFT LANDING SPACECRAFT
 . SURVEYOR LUNAR PROBES
 . SURVEYOR 1 LUNAR PROBE
 . UNMANNED SPACECRAFT
 . SPACE PROBES
 . . LUNAR PROBES
 . . SURVEYOR LUNAR PROBES
 . . SURVEYOR 1 LUNAR PROBE
 RT ATLAS CENTAUR LAUNCH VEHICLE

SURVEYOR 2 LUNAR PROBE

GS LUNAR SPACECRAFT
 . LUNAR PROBES
 . SURVEYOR LUNAR PROBES
 . SURVEYOR 2 LUNAR PROBE
 . SOFT LANDING SPACECRAFT
 . SURVEYOR LUNAR PROBES
 . SURVEYOR 2 LUNAR PROBE
 . UNMANNED SPACECRAFT
 . SPACE PROBES
 . . LUNAR PROBES
 . . SURVEYOR LUNAR PROBES
 . . SURVEYOR 2 LUNAR PROBE
 RT ATLAS CENTAUR LAUNCH VEHICLE

SURVEYOR 3 LUNAR PROBE

GS LUNAR SPACECRAFT
 . LUNAR PROBES
 . SURVEYOR LUNAR PROBES
 . SURVEYOR 3 LUNAR PROBE
 . SOFT LANDING SPACECRAFT
 . SURVEYOR LUNAR PROBES
 . SURVEYOR 3 LUNAR PROBE
 . UNMANNED SPACECRAFT
 . SPACE PROBES
 . . LUNAR PROBES
 . . SURVEYOR LUNAR PROBES
 . . SURVEYOR 3 LUNAR PROBE
 RT ATLAS CENTAUR LAUNCH VEHICLE

SURVEYOR 4 LUNAR PROBE

GS LUNAR SPACECRAFT
 . LUNAR PROBES
 . SURVEYOR LUNAR PROBES
 . SURVEYOR 4 LUNAR PROBE
 . SOFT LANDING SPACECRAFT

SURVEYOR 5 LUNAR PROBE

SURVEYOR 4 LUNAR PROBE-(CONT.)

. SURVEYOR LUNAR PROBES
. . . SURVEYOR 4 LUNAR PROBE
UNMANNED SPACECRAFT
. SPACE PROBES
. . . LUNAR PROBES
. . . SURVEYOR LUNAR PROBES
. . . . SURVEYOR 4 LUNAR PROBE
RT ATLAS CENTAUR LAUNCH VEHICLE

SURVEYOR 5 LUNAR PROBE

GS LUNAR SPACECRAFT
. LUNAR PROBES
. . SURVEYOR LUNAR PROBES
. . . SURVEYOR 5 LUNAR PROBE
SOFT LANDING SPACECRAFT
. SURVEYOR LUNAR PROBES
. . SURVEYOR 5 LUNAR PROBE
UNMANNED SPACECRAFT
. SPACE PROBES
. . LUNAR PROBES
. . . SURVEYOR LUNAR PROBES
. . . . SURVEYOR 5 LUNAR PROBE
RT ATLAS CENTAUR LAUNCH VEHICLE

SURVEYOR 6 LUNAR PROBE

GS LUNAR SPACECRAFT
. LUNAR PROBES
. . SURVEYOR LUNAR PROBES
. . . SURVEYOR 6 LUNAR PROBE
SOFT LANDING SPACECRAFT
. SURVEYOR LUNAR PROBES
. . SURVEYOR 6 LUNAR PROBE
UNMANNED SPACECRAFT
. SPACE PROBES
. . LUNAR PROBES
. . . SURVEYOR LUNAR PROBES
. . . . SURVEYOR 6 LUNAR PROBE
RT ATLAS CENTAUR LAUNCH VEHICLE

SURVEYOR 7 LUNAR PROBE

GS LUNAR SPACECRAFT
. LUNAR PROBES
. . SURVEYOR LUNAR PROBES
. . . SURVEYOR 7 LUNAR PROBE
SOFT LANDING SPACECRAFT
. SURVEYOR LUNAR PROBES
. . SURVEYOR 7 LUNAR PROBE
UNMANNED SPACECRAFT
. SPACE PROBES
. . LUNAR PROBES
. . . SURVEYOR LUNAR PROBES
. . . . SURVEYOR 7 LUNAR PROBE
RT ATLAS CENTAUR LAUNCH VEHICLE

SURVEYS

UF SURVEYING
GS SURVEYS
. GEODETIC SURVEYS
. GEOLOGICAL SURVEYS
. WAGE SURVEYS
RT ACCURACY
CONSTRUCTION
∞ CROSS SECTIONS
DATA ACQUISITION
DATA MANAGEMENT
DATUM (ELEVATION)
EXPLORATION
GEOMETRY
LAYOUTS
LORAN
MAPPING
MAPS
PHOTOGRAMMETRY
POSITION (LOCATION)
RECONNAISSANCE
SOIL MAPPING
∞ STATISTICS

SURVIVAL

RT AIRCRAFT SURVIVABILITY
CIVIL DEFENSE
. . . CLOSED ECOLOGICAL SYSTEMS
DESERT ADAPTATION
KITS
LIFE SUPPORT SYSTEMS
LUNAR SHELTERS
SHELTERS
SPACECRAFT SURVIVABILITY

SURVIVAL EQUIPMENT

RT AEPS
AIRCRAFT SURVIVABILITY
CONSUMABLES (SPACECREW SUPPLIES)

SURVIVAL EQUIPMENT-(CONT.)

EMERGENCY LIFE SUSTAINING
SYSTEMS
∞ EQUIPMENT
LIFEBOATS
ONBOARD EQUIPMENT
OXYGEN SUPPLY EQUIPMENT
RAFTS

SUSCEPTIBILITY (MAGNETISM)

USE MAGNETIC PERMEABILITY

SUSPENDING (HANGING)

GS SUSPENDING (HANGING)
. MAGNETIC SUSPENSION
RT GYROSCOPE FLUIDS
MOUNTING
∞ SUSPENSIONS
SUSPENSION SYSTEMS (VEHICLES)

SUSPENDING (MIXING)

GS MIXING
. SUSPENDING (MIXING)
RT AERATION
AGITATION
COLLOIDING
DISPERSING
DISPERSIONS
ENTRAINMENT
FERROFLUIDS
HOMOGENIZING
SHAKING
STIRRING
∞ SUSPENSIONS

SUSPENSION SYSTEMS (VEHICLES)

RT BEARINGS
FLOTATION
LEVITATION
MAGNETIC LEVITATION VEHICLES
RIDING QUALITY
SHOCK ABSORBERS
SPRINGS (ELASTIC)
STEERING
SUSPENDING (HANGING)
∞ SUSPENSIONS
∞ SYSTEMS
TOROIDAL WHEELS
UNDERCARRIAGES
VEHICLE WHEELS
VEHICULAR TRACKS
VIBRATION ISOLATORS

∞ SUSPENSIONS

SN (USE OF A MORE SPECIFIC TERM IS
RECOMMENDED-CONSULT THE TERMS
LISTED BELOW)
RT BROWNIAN MOVEMENTS
DISPERSIONS
FERROFLUIDS
SOLID SUSPENSIONS
SUSPENDING (HANGING)
SUSPENDING (MIXING)
SUSPENSION SYSTEMS (VEHICLES)

SUSQUEHANNA RIVER BASIN (MD-NY-PA)

GS LANDFORMS
. STRUCTURAL BASINS
. . RIVER BASINS
. . . SUSQUEHANNA RIVER BASIN
(MD-NY-PA)
RT MARYLAND
NEW YORK
PENNSYLVANIA
RIVERS
STREAMS
VALLEYS

SUSTAINER ROCKET ENGINES

GS ENGINES
. ROCKET ENGINES
. . SUSTAINER ROCKET ENGINES
. . . MG-18 ENGINE
RT BOOSTER ROCKET ENGINES
DUCTED ROCKET ENGINES
ELECTRIC ROCKET ENGINES
ELECTROSTATIC ENGINES
ELECTROTHERMAL ENGINES
HYBRID PROPELLANT ROCKET ENGINES
INTERNAL COMBUSTION ENGINES
ION ENGINES
LAUNCH VEHICLES
LIQUID AIR CYCLE ENGINES
LIQUID PROPELLANT ROCKET ENGINES

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SUSTAINER ROCKET ENGINES-(CONT.)

NUCLEAR ENGINE FOR ROCKET
VEHICLES
NUCLEAR ROCKET ENGINES
RESTARTABLE ROCKET ENGINES
SATELLOIDS
SOLID PROPELLANT ROCKET ENGINES
STAGE SEPARATION
∞ SUSTAINING
TURBOROCKET ENGINES
TX-354 ENGINE

∞ SUSTAINING

SN (USE OF A MORE SPECIFIC TERM IS
RECOMMENDED-CONSULT THE TERMS
LISTED BELOW)
RT LIFE SUPPORT SYSTEMS
SUPPORTS
SUSTAINER ROCKET ENGINES

SWAGING

RT COLD WORKING
METAL WORKING
STAMPING

SWALLOWING

RT DEGLUTITION
DRINKING
EATING
INGESTION (BIOLOGY)

SWAMPS

USE MARSHLANDS

SWAN BANDS

GS SPECTRA
. SPECTRAL BANDS
. . SWAN BANDS
RT CARBON COMPOUNDS
CHEMICAL BONDS
EMISSION SPECTRA
MOLECULAR SPECTRA

SWARMING

RT BEES
∞ MOTION

SWASH

USE SPLASHING

SWATH (SHIP)

UF SMALL WATER PLANE AREA TWIN HULL
GS SURFACE VEHICLES
. SWATH (SHIP)
WATER VEHICLES
. SHIPS
. . SWATH (SHIP)
RT CAPTURED AIR BUBBLE VEHICLES
HULLS (STRUCTURES)
SURFACE EFFECT SHIPS
∞ VEHICLES

SWAZILAND

RT AFRICA
NATIONS
REPUBLIC OF SOUTH AFRICA

SWEAT

GS BODY FLUIDS
. SWEAT
SECRECTIONS
. SWEAT
RT MILIARIA
PERSPIRATION

SWEAT COOLING

UF TRANSPIRATION COOLING
GS COOLING
. EVAPORATIVE COOLING
. . SWEAT COOLING
RT FILM COOLING
LIQUID COOLING
SURFACE COOLING

SWEATING

USE PERSPIRATION

SWEDEN

RT EUROPE
NATIONS

SWEEP ANGLE

GS GEOMETRY
. EUCLIDEAN GEOMETRY

SWEEP ANGLE-(CONT.)

.. ANGLES (GEOMETRY)
 ... **SWEEP ANGLE**
 **SWEEPBACK**
 LEADING EDGE SWEEP
 RT AERODYNAMIC STALLING
 ANGLE OF ATTACK
 BOUNDARY LAYER SEPARATION
 MACH NUMBER

SWEEP CIRCUITS

GS CIRCUITS
 . **SWEEP CIRCUITS**
 RT FREQUENCY SCANNING
 OSCILLOSCOPES
 SAMPLING

SWEEP EFFECT

RT FORCE DISTRIBUTION
 LIFT
 ∞LOADING
 WING LOADING

SWEEP FREQUENCY

UF ELECTRON SWEEPING
 GS FREQUENCIES
 . **SWEEP FREQUENCY**
 RT CARRIER FREQUENCIES
 FREQUENCY ANALYZERS
 FREQUENCY SCANNING
 FREQUENCY SYNCHRONIZATION
 OSCILLOSCOPES
 TELEVISION TRANSMISSION

SWEEPBACK

UF SWEEPBACK ANGLES
 GS GEOMETRY
 . EUCLIDEAN GEOMETRY
 .. ANGLES (GEOMETRY)
 ... **SWEEP ANGLE**
 **SWEEPBACK**
 LEADING EDGE SWEEP
 RT SUPERSONIC AIRFOILS

SWEEPBACK ANGLES

USE SWEEPBACK

SWELLING

RT DISTORTION
 EXPANSION
 GROWTH
 INCREASING
 INFLATING
 SPREADING

SWEEP FORWARD WINGS

GS AIRFOILS
 . WINGS
 .. SWEEP WINGS
 ... **SWEEP FORWARD WINGS**
 TRAPEZOIDAL WINGS
 PLANFORMS
 . WING PLANFORMS
 .. **SWEEP FORWARD WINGS**
 ... TRAPEZOIDAL WINGS
 RT SWEEPBACK WINGS
 VARIABLE SWEEP WINGS

SWEEP WINGS

UF DIAMOND WINGS
 TAPERED WINGS
 GS AIRFOILS
 . WINGS
 .. **SWEEP WINGS**
 ... SWEEP FORWARD WINGS
 TRAPEZOIDAL WINGS
 SWEEPBACK WINGS
 ARROW WINGS
 DELTA WINGS
 TRAPEZOIDAL WINGS
 RT A-300 AIRCRAFT
 FIXED WINGS
 SPANLOADER AIRCRAFT
 UNSWEPT WINGS
 WING PLANFORMS

SWEEPBACK TAIL SURFACES

GS PLANFORMS
 . **SWEEPBACK TAIL SURFACES**
 TAIL SURFACES
 . **SWEEPBACK TAIL SURFACES**
 RT CONTROL SURFACES
 HYPERSONIC AIRCRAFT
 RUDDERS

SWEEPBACK TAIL SURFACES-(CONT.)

STABILIZERS (FLUID DYNAMICS)
 SUPERSONIC AIRFOILS
 T TAIL SURFACES
 TRAPEZOIDAL TAIL SURFACES

SWEEPBACK WINGS

GS AIRFOILS
 . WINGS
 .. SWEEP WINGS
 ... **SWEEPBACK WINGS**
 ARROW WINGS
 DELTA WINGS
 TRAPEZOIDAL WINGS
 PLANFORMS
 . WING PLANFORMS
 .. **SWEEPBACK WINGS**
 ... ARROW WINGS
 ... DELTA WINGS
 ... TRAPEZOIDAL WINGS
 RT HYPERSONIC AIRCRAFT
 SUPERSONIC AIRCRAFT
 SUPERSONIC AIRFOILS
 SWEEP FORWARD WINGS
 VARIABLE SWEEP WINGS

SWIMMING

RT PHYSICAL EXERCISE
 PHYSICAL FITNESS

SWIMMING POOL REACTORS

GS NUCLEAR REACTORS
 . LIQUID COOLED REACTORS
 . WATER COOLED REACTORS
 .. **SWIMMING POOL REACTORS**
 RT ∞REACTORS

SWINE

SN (EXCLUDES GUINEA PIGS)
 UF PIGS (SWINE)
 GS ANIMALS
 . VERTEBRATES
 .. MAMMALS
 ... **SWINE**
 RT GRAZING
 LIVESTOCK

SWING TAIL ASSEMBLIES

GS ASSEMBLIES
 . TAIL ASSEMBLIES
 .. **SWING TAIL ASSEMBLIES**
 RT AFTERBODIES
 AIRCRAFT PARTS
 AIRCRAFT STRUCTURES

SWING WINGS

GS AIRFOILS
 . WINGS
 .. **SWING WINGS**
 RT AIRCRAFT PARTS
 AIRCRAFT STRUCTURES
 WING PLANFORMS
 WING PROFILES

SWINGBY TECHNIQUE

RT FLYBY MISSIONS
 GRAVITATIONAL EFFECTS
 INTERPLANETARY TRANSFER ORBITS
 ORBITAL MECHANICS
 PLANETARY ORBITS
 ROUND TRIP TRAJECTORIES

SWIRLING

RT AGITATION
 CENTRIFUGING
 DISPERSING
 FOAMING
 MIXING
 ∞SEPARATION
 SHAKING
 STIRRING

SWIRLING WAKES

USE TURBULENT WAKES

SWITCHES

GS **SWITCHES**
 . CAPACITANCE SWITCHES
 . ELECTRIC RELAYS
 . ELECTRIC SWITCHES
 . CRYOTRONS
 . STEPPING SWITCHES
 . THERMOSTATS
 . PRESSURE SWITCHES

SWITCHES-(CONT.)

. SWITCHING CIRCUITS
 . FLUID SWITCHING ELEMENTS
 . TRIGATRONS
 RT CIRCUIT BREAKERS
 DROPOUTS
 ECHO SUPPRESSORS
 ELECTRIC CONNECTORS
 ELECTRIC CONTACTS
 INTERRUPTION
 SELECTORS
 SWITCHING

SWITCHING

GS **SWITCHING**
 . BEAM SWITCHING
 . MAGNETIC SWITCHING
 . MICROWAVE SWITCHING
 . PACKET TRANSMISSION
 . PACKET SWITCHING
 RT CODE DIVISION MULTIPLE ACCESS
 INTERRUPTION
 SEQUENCING
 STEP RECOVERY DIODES
 SWITCHES
 TIME DIVISION MULTIPLE ACCESS

SWITCHING CIRCUITS

UF ELECTRONIC SWITCHES
 SWITCHING ELEMENTS
 GS CIRCUITS
 . **SWITCHING CIRCUITS**
 . FLUID SWITCHING ELEMENTS
 SWITCHES
 . **SWITCHING CIRCUITS**
 . FLUID SWITCHING ELEMENTS
 RT ARPA COMPUTER NETWORK
 CAPACITANCE SWITCHES
 CIRCUIT BREAKERS
 CURRENT REGULATORS
 DUPLEX OPERATION
 DUPLEXERS
 ELECTRIC RELAYS
 ELECTRIC SWITCHES
 GATES (CIRCUITS)
 LATCH-UP
 LOGIC CIRCUITS
 MATRICES (CIRCUITS)
 MICROWAVE SWITCHING
 MULTIVIBRATORS
 PACKET SWITCHING
 SELECTORS
 SQUELCH CIRCUITS
 VOLTAGE REGULATORS

SWITCHING ELEMENTS

USE SWITCHING CIRCUITS

SWITCHING THEORY

RT BOOLEAN ALGEBRA
 BRANCHING (MATHEMATICS)
 COMMUNICATION THEORY
 COMMUTATION
 LOGIC DESIGN
 NETWORK SYNTHESIS
 PACKET SWITCHING
 SEQUENCING
 ∞THEORIES
 TOPOLOGY

SWITZERLAND

RT ALPS MOUNTAINS (EUROPE)
 EUROPE
 NATIONS

SWIVELS

RT BEARINGS
 GIMBALS
 HINGES
 HOOKS
 JOINTS (JUNCTIONS)
 PIVOTS

SYENITE

GS ROCKS
 . IGNEOUS ROCKS
 . **SYENITE**
 RT SOILS
 TRACHYTE

SYLLABLES

GS COMMUNICATION THEORY
 . WORDS (LANGUAGE)
 . **SYLLABLES**
 LANGUAGES

SYMBIOSIS

SYLLABLES-(CONT.)

. SENTENCES
 . . . WORDS (LANGUAGE)
 . . . SYLLABLES
 LINGUISTICS
 . SYNTAX
 . . SENTENCES
 . . . WORDS (LANGUAGE)
 . . . SYLLABLES
 SIGNAL RECEPTION
 . SYLLABLES
 SPEECH
 . TALKING
 . . WORDS (LANGUAGE)
 . . . SYLLABLES
 RT MESSAGES
 PSYCHOLINGUISTICS
 SEMANTICS
 SIGNAL TRANSMISSION

SYMBIOSIS

RT ECOLOGY
 LICHENS

SYMBOLIC PROGRAMMING

GS COMPUTER PROGRAMMING
 . SYMBOLIC PROGRAMMING
 RT CODING
 COMPUTER ASSISTED INSTRUCTION
 CONTEXT FREE LANGUAGES
 LANGUAGE PROGRAMMING
 MNEMONICS

SYMBOLS

UF CHARACTERS
 LETTERS (SYMBOLS)
 SIGNS (SYMBOLS)
 GS SIGNAL RECEPTION
 . SYMBOLS
 RT ALPHABETS
 ALPHANUMERIC CHARACTERS
 CHARACTER RECOGNITION
 ∞ CODES
 CODING
 COLOR
 DATA PROCESSING
 DIGITS
 HIGH LEVEL LANGUAGES
 LANGUAGES
 LEGIBILITY
 ∞ MATHEMATICS
 MESSAGE PROCESSING
 MESSAGES
 MNEMONICS
 NOMENCLATURES
 PERCEPTION
 READING
 SEMANTICS
 UNITS OF MEASUREMENT
 VISIBILITY

SYMMETRICAL BODIES

GS SYMMETRICAL BODIES
 . AXISYMMETRIC BODIES
 . BODIES OF REVOLUTION
 . . CONICAL BODIES
 . . . SLENDER CONES
 . . CYLINDRICAL BODIES
 . . . ROTATING CYLINDERS
 . . PARABOLIC BODIES
 . . SPHERES
 . . . CELESTIAL SPHERE
 . . . CONCENTRIC SPHERES
 . . . FALLING SPHERES
 . . . POINCARÉ SPHERES
 . . . ROTATING SPHERES
 . . TORUSES
 . . ELLIPSOIDS
 . . LENTICULAR BODIES
 . . STREAMLINED BODIES
 . . FAIRINGS
 RT AXES OF ROTATION
 BLUNT BODIES
 ∞ BODIES
 CONES
 FINNED BODIES
 FLARED BODIES
 GEOIDS
 OGIVES
 SLENDER BODIES
 SPINNING UNGUIDED ROCKET
 TRAJECTORY

SYMMETRY

UF AXISYMMETRY

SYMMETRY-(CONT.)

GS SYMMETRY
 . BROKEN SYMMETRY
 RT ANTISYMMETRY
 ASYMMETRY
 CONGRUENCES
 CONTINUITY (MATHEMATICS)
 ECCENTRICITY
 GEOMETRY
 ISOTROPISM
 QUANTILES
 SHAPES

SYMMETRY BREAKING

USE BROKEN SYMMETRY

SYMPATHETIC NERVOUS SYSTEM

GS NERVOUS SYSTEM
 . AUTONOMIC NERVOUS SYSTEM
 . . SYMPATHETIC NERVOUS SYSTEM

SYMPATHOMIMETICS

USE ADRENALINICS

SYMPHONIE SATELLITES

GS SATELLITES
 . ARTIFICIAL SATELLITES
 . . COMMUNICATION SATELLITES
 . . . SYMPHONIE SATELLITES
 . . . EARTH SATELLITES
 . . . COMMUNICATION SATELLITES
 . . . SYMPHONIE SATELLITES
 RT ARCOMSAT
 BROADCASTING
 EUROPEAN SPACE PROGRAMS
 FRENCH SATELLITES
 INTERNATIONAL COOPERATION
 RADIO TRANSMISSION
 SATELLITE TELEVISION
 SYNCHRONOUS SATELLITES
 TELEPHONY

SYMPTOMOLOGY

GS MEDICAL SCIENCE
 . SYMPTOMOLOGY
 RT DISEASES
 SIGNS AND SYMPTOMS

SYMPTOMS

USE SIGNS AND SYMPTOMS

SYNAPSES

GS NERVOUS SYSTEM
 . SYNAPSES
 RT NEUROMUSCULAR TRANSMISSION
 SYNCODERS

SYNCHROCYCLOTRONS

GS PARTICLE ACCELERATORS
 . CYCLIC ACCELERATORS
 . . SYNCHROCYCLOTRONS
 . . CYCLOTRONS
 . . . SYNCHROCYCLOTRONS
 RT BEVATRON
 SYNCHROTRONS

SYNCHRONISM

UF BEAT
 SYNCHRONIZATION
 GS SYNCHRONISM
 . BIT SYNCHRONIZATION
 . FREQUENCY SYNCHRONIZATION
 RT COINCIDENCE CIRCUITS
 PHASE DETECTORS
 STROBOSCOPES
 SYNCHRONIZERS
 TIME
 TIME MEASUREMENT

SYNCHRONIZATION

USE SYNCHRONISM

SYNCHRONIZED OSCILLATORS

GS OSCILLATORS
 . SYNCHRONIZED OSCILLATORS
 RT FREQUENCY SYNCHRONIZATION
 . PHASE LOCKED SYSTEMS
 SYNCHROSCOPES

SYNCHRONIZERS

RT HELIOSTATS
 PULSE RADAR
 SERVO MOTORS
 SYNCHRONISM

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SYNCHRONOUS COMMUNICATION SATELLITES

USE SYNCOM SATELLITES

SYNCHRONOUS COMMUNICATIONS SATELLITE PROJ

GS PROGRAMS
 . NASA PROGRAMS
 . . SYNCHRONOUS COMMUNICATIONS SATELLITE PROJ
 . . . PROJECTS
 . . . SYNCHRONOUS COMMUNICATIONS SATELLITE PROJ
 RT COMMUNICATION SATELLITES
 SATELLITES
 TWENTY-FOUR HOUR ORBITS

SYNCHRONOUS DETECTORS

USE CORRELATORS

SYNCHRONOUS EARTH OBSERVATORY SATELLITE

UF SEOS
 GS SATELLITES
 . ARTIFICIAL SATELLITES
 . . METEOROLOGICAL SATELLITES
 . . . SYNCHRONOUS EARTH OBSERVATORY SATELLITE
 SMS 1
 SMS 2
 . . . SYNCHRONOUS SATELLITES
 . . . SYNCHRONOUS EARTH OBSERVATORY SATELLITE
 SMS 1
 SMS 2
 . . . EARTH SATELLITES
 . . . METEOROLOGICAL SATELLITES
 . . . SYNCHRONOUS EARTH OBSERVATORY SATELLITE
 SMS 1
 SMS 2
 . . . SYNCHRONOUS SATELLITES
 . . . SYNCHRONOUS EARTH OBSERVATORY SATELLITE
 SMS 1
 SMS 2
 RT EARLY WARNING SYSTEMS
 LANDSAT SATELLITES
 NASA PROGRAMS
 PROGRAMS
 SATELLITE OBSERVATION
 SEASAT SATELLITES
 SYNCHRONOUS METEOROLOGICAL SATELLITE
 TECHNOLOGY UTILIZATION

SYNCHRONOUS METEOROLOGICAL SATELLITE

UF SMS
 GS SATELLITES
 . ARTIFICIAL SATELLITES
 . . METEOROLOGICAL SATELLITES
 . . . SYNCHRONOUS METEOROLOGICAL SATELLITE
 SMS 1
 SMS 2
 . . . SYNCHRONOUS SATELLITES
 . . . SYNCHRONOUS METEOROLOGICAL SATELLITE
 SMS 1
 SMS 2
 . . . EARTH SATELLITES
 . . . METEOROLOGICAL SATELLITES
 . . . SYNCHRONOUS METEOROLOGICAL SATELLITE
 SMS 1
 SMS 2
 . . . SYNCHRONOUS SATELLITES
 . . . SYNCHRONOUS METEOROLOGICAL SATELLITE
 SMS 1
 SMS 2
 RT COMMUNICATION SATELLITES
 SYNCHRONOUS EARTH OBSERVATORY SATELLITE

SYNCHRONOUS MOTORS

GS MOTORS
 . ELECTRIC MOTORS
 . . SYNCHRONOUS MOTORS
 RT ASYNCHRONOUS MOTORS
 INDUCTION MOTORS

SYNCHRONOUS PLATFORMS

UF GEOSTATIONARY PLATFORMS
 GS SPACE PLATFORMS
 . SYNCHRONOUS PLATFORMS

NASA THESAURUS (VOLUME 1)

SYNCHRONOUS PLATFORMS-(CONT.)

RT COMMUNICATION SATELLITES
GEOSYNCHRONOUS ORBITS
∞ PLATFORMS

SYNCHRONOUS SATELLITES

UF GEOSTATIONARY SATELLITES
GS SATELLITES
... ARTIFICIAL SATELLITES
... **SYNCHRONOUS SATELLITES**
... AEROS SATELLITE
... AEROSAT SATELLITES
... ANIK 1
... ANIK 2
... ANIK 3
... GOES SATELLITES
... GOES 1
... GOES 2
... GOES 3
... GOES 4
... GOES 5
... MIRANDA SATELLITE
... SIRIO SATELLITE
... STORMSAT SATELLITE
... SYNCHRONOUS EARTH
OBSERVATORY SATELLITE
... SMS 1
... SMS 2
... SYNCHRONOUS METEOROLOGICAL
SATELLITE
... SMS 1
... SMS 2
... SYNCOM SATELLITES
... EARLY BIRD SATELLITES
... SYNCOM 1 SATELLITE
... SYNCOM 2 SATELLITE
... SYNCOM 3 SATELLITE
... TD SATELLITES
... TD-1 SATELLITE
... EARTH SATELLITES
... **SYNCHRONOUS SATELLITES**
... AEROS SATELLITE
... AEROSAT SATELLITES
... ANIK 1
... ANIK 2
... ANIK 3
... GOES SATELLITES
... GOES 1
... GOES 2
... GOES 3
... GOES 4
... GOES 5
... SIRIO SATELLITE
... STORMSAT SATELLITE
... SYNCHRONOUS EARTH
OBSERVATORY SATELLITE
... SMS 1
... SMS 2
... SYNCHRONOUS METEOROLOGICAL
SATELLITE
... SMS 1
... SMS 2
... SYNCOM SATELLITES
... EARLY BIRD SATELLITES
... SYNCOM 1 SATELLITE
... SYNCOM 2 SATELLITE
... SYNCOM 3 SATELLITE
... TD SATELLITES
... TD-1 SATELLITE
RT ACTIVE SATELLITES
ARCOMSAT
CANADIAN SPACE PROGRAMS
COMMUNICATION SATELLITES
COMMUNICATIONS TECHNOLOGY
SATELLITE
MILITARY SPACECRAFT
NAVIGATION SATELLITES
PASSIVE SATELLITES
REFSAT
STATIONARY ORBITS
SYMPHONIE SATELLITES
TWENTY-FOUR HOUR ORBITS

SYNCHROPHASOTRONS

GS PARTICLE ACCELERATORS
... **SYNCHROPHASOTRONS**
RT ∞ ACCELERATORS
SYNCHROTRONS

SYNCHROSCOPES

GS CIRCUITS
... PHASE DETECTORS
... **SYNCHROSCOPES**
RT CORRELATORS
MEASURING INSTRUMENTS

SYNCHROSCOPES-(CONT.)

OSCILLOSCOPES
SYNCHRONIZED OSCILLATORS

SYNCHROTRON RADIATION

GS ELECTROMAGNETIC RADIATION
... POLARIZED ELECTROMAGNETIC
RADIATION
... **SYNCHROTRON RADIATION**
POLARIZED RADIATION
... POLARIZED ELECTROMAGNETIC
RADIATION
... **SYNCHROTRON RADIATION**
RT BREMSSTRAHLUNG
EXTRATERRESTRIAL RADIATION
RADIATION PROTECTION
SYNCHROTRONS
X RAYS

SYNCHROTRONS

GS PARTICLE ACCELERATORS
... CYCLIC ACCELERATORS
... **SYNCHROTRONS**
... BEVATRON
... STORAGE RINGS (PARTICLE
ACCELERATORS)
RT BETATRONS
CYCLOTRONS
ELECTRON ACCELERATORS
ION ACCELERATORS
MICROTRONS
SYNCHROCYCLOTRONS
SYNCHROPHASOTRONS
SYNCHROTRON RADIATION

SYNCLINES

UF SYNCLINORIA
RT ANTICLINES
DOMES (GEOLOGY)
GEOLOGICAL FAULTS
GEOSYNCLINES
∞ LAYERS
STRATA
STRATIFICATION
STRATIGRAPHY

SYNCLINORIA

USE SYNCLINES

SYNCODERS

RT BIONICS
NEURONS
SYNAPSES

SYNCOM APOGEE ENGINES

GS ENGINES
... ROCKET ENGINES
... SOLID PROPELLANT ROCKET
ENGINES
... **SYNCOM APOGEE ENGINES**
... VERNIER ENGINES
... **SYNCOM APOGEE ENGINES**
... TORPEDO ENGINES
... VERNIER ENGINES
... **SYNCOM APOGEE ENGINES**

SYNCOM SATELLITES

UF SYNCHRONOUS COMMUNICATION
SATELLITES
GS SATELLITES
... ARTIFICIAL SATELLITES
... ACTIVE SATELLITES
... **SYNCOM SATELLITES**
... EARLY BIRD SATELLITES
... SYNCOM 1 SATELLITE
... SYNCOM 2 SATELLITE
... SYNCOM 3 SATELLITE
... COMMUNICATION SATELLITES
... **SYNCOM SATELLITES**
... EARLY BIRD SATELLITES
... SYNCOM 1 SATELLITE
... SYNCOM 2 SATELLITE
... SYNCOM 3 SATELLITE
... SYNCHRONOUS SATELLITES
... **SYNCOM SATELLITES**
... EARLY BIRD SATELLITES
... SYNCOM 1 SATELLITE
... SYNCOM 2 SATELLITE
... SYNCOM 3 SATELLITE
... EARTH SATELLITES
... ACTIVE SATELLITES
... **SYNCOM SATELLITES**
... EARLY BIRD SATELLITES
... SYNCOM 1 SATELLITE
... SYNCOM 2 SATELLITE
... SYNCOM 3 SATELLITE
... COMMUNICATION SATELLITES
... **SYNCOM SATELLITES**
... EARLY BIRD SATELLITES
... SYNCOM 1 SATELLITE
... SYNCOM 2 SATELLITE
... SYNCOM 3 SATELLITE
... COMMUNICATION SATELLITES

SYNCOM 4 SATELLITE

SYNCOM SATELLITES-(CONT.)

... SYNCOM 3 SATELLITE
... COMMUNICATION SATELLITES
... **SYNCOM SATELLITES**
... EARLY BIRD SATELLITES
... SYNCOM 1 SATELLITE
... SYNCOM 2 SATELLITE
... SYNCOM 3 SATELLITE
... SYNCHRONOUS SATELLITES
... **SYNCOM SATELLITES**
... EARLY BIRD SATELLITES
... SYNCOM 1 SATELLITE
... SYNCOM 2 SATELLITE
... SYNCOM 3 SATELLITE
RT THOR DELTA LAUNCH VEHICLE

SYNCOM 1 SATELLITE

GS SATELLITES
... ARTIFICIAL SATELLITES
... ACTIVE SATELLITES
... SYNCOM SATELLITES
... **SYNCOM 1 SATELLITE**
... COMMUNICATION SATELLITES
... SYNCOM SATELLITES
... **SYNCOM 1 SATELLITE**
... SYNCHRONOUS SATELLITES
... SYNCOM SATELLITES
... **SYNCOM 1 SATELLITE**
... EARTH SATELLITES
... ACTIVE SATELLITES
... SYNCOM SATELLITES
... **SYNCOM 1 SATELLITE**
... COMMUNICATION SATELLITES
... SYNCOM SATELLITES
... **SYNCOM 1 SATELLITE**
... SYNCHRONOUS SATELLITES
... SYNCOM SATELLITES
... **SYNCOM 1 SATELLITE**
RT DELTA LAUNCH VEHICLE

SYNCOM 2 SATELLITE

GS SATELLITES
... ARTIFICIAL SATELLITES
... ACTIVE SATELLITES
... SYNCOM SATELLITES
... **SYNCOM 2 SATELLITE**
... COMMUNICATION SATELLITES
... SYNCOM SATELLITES
... **SYNCOM 2 SATELLITE**
... SYNCHRONOUS SATELLITES
... SYNCOM SATELLITES
... **SYNCOM 2 SATELLITE**
... EARTH SATELLITES
... ACTIVE SATELLITES
... SYNCOM SATELLITES
... **SYNCOM 2 SATELLITE**
... COMMUNICATION SATELLITES
... SYNCOM SATELLITES
... **SYNCOM 2 SATELLITE**
... SYNCHRONOUS SATELLITES
... SYNCOM SATELLITES
... **SYNCOM 2 SATELLITE**
RT DELTA LAUNCH VEHICLE

SYNCOM 3 SATELLITE

GS SATELLITES
... ARTIFICIAL SATELLITES
... ACTIVE SATELLITES
... SYNCOM SATELLITES
... **SYNCOM 3 SATELLITE**
... COMMUNICATION SATELLITES
... SYNCOM SATELLITES
... **SYNCOM 3 SATELLITE**
... SYNCHRONOUS SATELLITES
... SYNCOM SATELLITES
... **SYNCOM 3 SATELLITE**
... EARTH SATELLITES
... ACTIVE SATELLITES
... SYNCOM SATELLITES
... **SYNCOM 3 SATELLITE**
... COMMUNICATION SATELLITES
... SYNCOM SATELLITES
... **SYNCOM 3 SATELLITE**
... SYNCHRONOUS SATELLITES
... SYNCOM SATELLITES
... **SYNCOM 3 SATELLITE**
RT DELTA LAUNCH VEHICLE

SYNCOM 4 SATELLITE

GS SATELLITES
... ARTIFICIAL SATELLITES
... COMMUNICATION SATELLITES
... **SYNCOM 4 SATELLITE**
... EARTH SATELLITES
... COMMUNICATION SATELLITES

SYNCOPE

SYNCOM 4 SATELLITE-(CONT.)

... SYNCOM 4 SATELLITE
RT SPACE TRANSPORTATION SYSTEM

SYNCOPE

UF FAINTING
GS SYNCOPE
... BLACKOUT (PHYSIOLOGY)
... BLACKOUT PREVENTION
RT UNCONSCIOUSNESS

SYNDROMES

USE SIGNS AND SYMPTOMS

SYNOPTIC MEASUREMENT

RT ∞ MEASUREMENT
NEPHANALYSIS

SYNOPTIC METEOROLOGY

GS METEOROLOGY
... SYNOPSIS METEOROLOGY
RT AIR MASSES
ANTICYCLONES
COLD FRONTS
CYCLONES
FRONTS (METEOROLOGY)
METEOROLOGICAL CHARTS
NEPHANALYSIS
WARM FRONTS
WEATHER FORECASTING

SYNTAX

GS LINGUISTICS
... SYNTAX
... SENTENCES
... WORDS (LANGUAGE)
... SYLLABLES
RT FORMAT
GRAMMARS
∞ INTERPRETATION
LANGUAGES
ORTHOGRAPHY
PARSING ALGORITHMS
PSYCHOLINGUISTICS
SEMANTICS
SPEECH

SYNTECTIC ALLOYS

GS ALLOYS
... SYNTECTIC ALLOYS
RT EUTECTICS
LIQUID PHASES
METALS
MIXTURES
PHASE TRANSFORMATIONS
SOLID PHASES

SYNTHANE

UF SYNTHETIC METHANE
GS FUELS
... CHEMICAL FUELS
... HYDROCARBON FUELS
... SYNTHANE
... SYNTHETIC FUELS
RT AUTOMOBILE FUELS
CARBON DIOXIDE
CARBON MONOXIDE
COAL
COAL GASIFICATION
GASIFICATION
HYDROGEN
LIGNITE
METHANE

∞ SYNTHESIS

SN *(USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)*
RT BIOSYNTHESIS
CHEMICAL REACTIONS
DECISION THEORY
∞ DESIGN
NETWORK SYNTHESIS
NUCLEAR FUSION
OPERATIONS RESEARCH
PLASMA JET SYNTHESIS
SYNTHESIS (CHEMISTRY)
SYNTHETIC FUELS
SYSTEMS ENGINEERING

SYNTHESIS (CHEMISTRY)

RT ADDITION RESINS
CHEMICAL REACTIONS

SYNTHESIS (CHEMISTRY)-(CONT.)

OPERATIONS RESEARCH
∞ SYNTHESIS
SYNTHETIC FIBERS
SYNTHETIC FUELS
SYNTHETIC RESINS
SYNTHETIC RUBBERS
SYSTEMS ENGINEERING

SYNTHESIZERS

RT CHEMICAL REACTORS
FREQUENCY SYNTHESIZERS

SYNTHETIC APERTURE RADAR

GS RADAR
... SYNTHETIC APERTURE RADAR
RT MICROWAVE IMAGERY
MICROWAVE SENSORS
RADAR EQUIPMENT
SATELLITE-BORNE RADAR
SURVEILLANCE RADAR
SYNTHETIC APERTURES
VENUS ORBITING IMAGING RADAR
(SPACECRAFT)

SYNTHETIC APERTURES

GS OPENINGS
... APERTURES
... SYNTHETIC APERTURES
RT IMAGING TECHNIQUES
SYNTHETIC APERTURE RADAR

SYNTHETIC ARRAYS

GS ARRAYS
... SYNTHETIC ARRAYS
RT ANTENNA RADIATION PATTERNS
APERTURES
DISTRIBUTION (PROPERTY)
EARTH RESOURCES SHUTTLE IMAGING
RADAR
∞ PATTERNS

SYNTHETIC FIBERS

GS FIBERS
... SYNTHETIC FIBERS
... DACRON (TRADEMARK)
... FORTISAN (TRADEMARK)
... GLASS FIBERS
... NYLON (TRADEMARK)
... RAYON
... VYCOR
RT ADDITION RESINS
FLAME RETARDANTS
KEVLAR (TRADEMARK)
POLYBENZIMIDAZOLE
POLYESTERS
REINFORCING FIBERS
SYNTHESIS (CHEMISTRY)
WET SPINNING

SYNTHETIC FOOD

RT AMINO ACIDS
BIOSYNTHESIS
CARBOHYDRATES
CELLULOSE
EATING
FATS
∞ FOOD
FOOD INTAKE
NUTRITIONAL REQUIREMENTS
PROTEIN METABOLISM
PROTEINS
TASTE

SYNTHETIC FUELS

GS FUELS
... CHEMICAL FUELS
... SYNTHETIC FUELS
... GASOLIN (FUEL)
... LIQUID FUELS
... SYNTHANE
RT CHEMICAL REACTIONS
CLEAN FUELS
HYDROCARBON FUELS
∞ SYNTHESIS
SYNTHESIS (CHEMISTRY)

SYNTHETIC METALS

RT CRYSTAL LATTICES
GRAPHITE
ORGANOMETALLIC COMPOUNDS

SYNTHETIC METHANE

USE SYNTHANE

NASA THESAURUS (VOLUME 1)

SYNTHETIC RESINS

GS PLASTICS
... SYNTHETIC RESINS
... ADDITION RESINS
... ACRYLIC RESINS
... VINYL COPOLYMERS
... POLYESTER RESINS
... POLYETHER RESINS
... POLYMETHYL METHACRYLATE
... THERMOPLASTIC RESINS
... QUINOXALINES
... THERMOPLASTIC FILMS
... THERMOSETTING RESINS
... EPOXY RESINS
... FURAN RESINS
... POLYAMIDE RESINS
... KEVLAR (TRADEMARK)
... PHENOLIC RESINS
... MICARTA
RESINS
... SYNTHETIC RESINS
... ADDITION RESINS
... VINYL COPOLYMERS
... POLYESTER RESINS
... POLYETHER RESINS
... POLYMETHYL METHACRYLATE
... THERMOPLASTIC RESINS
... QUINOXALINES
... THERMOPLASTIC FILMS
... THERMOSETTING RESINS
... EPOXY RESINS
... FURAN RESINS
... POLYAMIDE RESINS
... KEVLAR (TRADEMARK)
... PHENOLIC RESINS
... MICARTA
... PHENOLIC EPOXY RESINS
RT POLYETHYLENES
∞ POLYMERS
POLYPROPYLENE
POLYSTYRENE
POLYTETRAFLUOROETHYLENE
POLYVINYL ALCOHOL
POLYVINYL CHLORIDE
SYNTHESIS (CHEMISTRY)
TEFLON (TRADEMARK)

SYNTHETIC RUBBERS

GS RUBBER
... SYNTHETIC RUBBERS
... BUNA (TRADEMARK)
... ELASTOMERS
... CHLOROPRENE RESINS
... THIOPLASTICS
... VITON RUBBER (TRADEMARK)
... VULCANIZED ELASTOMERS
... RTV-40 RUBBER (TRADEMARK)
... RTV-60 RUBBER (TRADEMARK)
RT LATEX
POLYBUTADIENE
POLYISOBUTYLENE
POLYISOPRENES
SILICONE RUBBER
SOLITHANES
SYNTHESIS (CHEMISTRY)

SYNTONY

RT FREQUENCY SYNCHRONIZATION
OSCILLATIONS
RESONANCE

SYPHILIS

GS DISEASES
... INFECTIOUS DISEASES
... SYPHILIS

SYRIA

RT ASIA
NATIONS

SYRINGES

GS LABORATORY EQUIPMENT
... SYRINGES
MEDICAL EQUIPMENT
... SYRINGES
RT BULBS
∞ EQUIPMENT
FLUID FLOW
PIPES (TUBES)
TRANSFUSION

SYSTEM EFFECTIVENESS

GS EFFECTIVENESS
... SYSTEM EFFECTIVENESS
RT MODULATION TRANSFER FUNCTION

SYSTEM EFFECTIVENESS-(CONT.)

OPTICAL TRANSFER FUNCTION
RELIABILITY
RELIABILITY ENGINEERING
SYSTEMS ENGINEERING
SYSTEMS INTEGRATION

SYSTEM FAILURES

GS FAILURE
RT ∞ **SYSTEM FAILURES**
BREAKDOWN
DETERIORATION
DOWNTIME
FATIGUE (MATERIALS)
MALFUNCTIONS
SHORT CIRCUITS
STRUCTURAL FAILURE
STRUCTURAL STRAIN
SYSTEMS
WEAR

SYSTEM GENERATED ELECTROMAGNETIC PULSES

UF SGEMP
GS ELECTROMAGNETIC FIELDS
SYSTEM GENERATED
ELECTROMAGNETIC PULSES
ELECTROMAGNETIC RADIATION
ELECTROMAGNETIC PULSES
SYSTEM GENERATED
ELECTROMAGNETIC PULSES
PULSED RADIATION
ELECTROMAGNETIC PULSES
SYSTEM GENERATED
ELECTROMAGNETIC PULSES
PULSES
ELECTROMAGNETIC PULSES
SYSTEM GENERATED
ELECTROMAGNETIC PULSES
RT ELECTRIC CURRENT
ELECTRIC PULSES
ELECTROMAGNETIC INTERFERENCE
ELECTRONIC EQUIPMENT
EXTERNAL SURFACE CURRENTS
EXTRATERRESTRIAL RADIATION
IONIZING RADIATION
PLASMA SHEATHS
SPACECRAFT CHARGING
SPACECRAFT COMMUNICATION
X RAYS

SYSTEM IDENTIFICATION

GS ESTIMATING
SYSTEM IDENTIFICATION
IDENTIFYING
SYSTEM IDENTIFICATION
SYSTEMS ANALYSIS
SYSTEM IDENTIFICATION
RT COMPLEX SYSTEMS
DYNAMIC RESPONSE
ESTIMATES
FUZZY SYSTEMS
MATHEMATICAL MODELS
MAXIMUM LIKELIHOOD ESTIMATES
OBSERVABILITY (SYSTEMS)
OPTIMIZATION
PARAMETER IDENTIFICATION
PARAMETERIZATION
PREDICTION ANALYSIS TECHNIQUES
PROBABILITY THEORY
RELIABILITY ENGINEERING
STATISTICAL ANALYSIS
STEEPEST DESCENT METHOD
SYSTEMS
SYSTEMS ENGINEERING

SYSTEM 10 COMPUTER

UF PDP 10 COMPUTER
GS DATA PROCESSING EQUIPMENT
COMPUTERS
DIGITAL COMPUTERS
PDP COMPUTERS
SYSTEM 10 COMPUTER

SYSTEMS

SN (USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)
RT ADVANCED VIDICON CAMERA SYSTEM
(AVCS)
AEROSPACE SYSTEMS
AIRCRAFT FUEL SYSTEMS
AIRCRAFT HYDRAULIC SYSTEMS
ATMOSPHERIC & OCEANOGRAPHIC
INFORM SYS

SYSTEMS-(CONT.)

AUTOMATIC TRAFFIC ADVISORY AND
RESOLUTION
BINARY SYSTEMS (MATERIALS)
BIOCONTROL SYSTEMS
CENTRAL ELECTRONIC MANAGEMENT
SYSTEM
CLOSED ECOLOGICAL SYSTEMS
COMPLEX SYSTEMS
COOLING SYSTEMS
CYBERNETICS
DATA SYSTEMS
DIGITAL COMMAND SYSTEMS
DIGITAL SYSTEMS
DISPLAY DEVICES
EARLY WARNING SYSTEMS
EARTH-MOON SYSTEM
ECOSYSTEMS
EFFERENT NERVOUS SYSTEMS
ELASTIC SYSTEMS
ELECTRONIC RECORDING SYSTEMS
EMERGENCY LIFE SUSTAINING
SYSTEMS
ENDOCRINE SYSTEMS
ESCAPE SYSTEMS
EXHAUST SYSTEMS
FAIL-SAFE SYSTEMS
FEED SYSTEMS
FEEDBACK
FUEL SYSTEMS
GROUND SUPPORT SYSTEMS
GUIDANCE (MOTION)
HYBRID NAVIGATION SYSTEMS
HYDRAULIC EQUIPMENT
HYDROTHERMAL SYSTEMS
HYPERBOLIC SYSTEMS
IFF SYSTEMS (IDENTIFICATION)
IGNITION SYSTEMS
INERTIAL REFERENCE SYSTEMS
INFORMATION ADAPTIVE SYSTEM
INFORMATION SYSTEMS
INSTRUMENT LANDING SYSTEMS
INTAKE SYSTEMS
JETTISON SYSTEMS
LAUNCH ESCAPE SYSTEMS
LIFE SUPPORT SYSTEMS
LIGHT AIRBORNE MULTIPURPOSE
SYSTEM
LINEAR SYSTEMS
LUBRICATION SYSTEMS
MAN MACHINE SYSTEMS
MAN OPERATED PROPULSION SYSTEMS
MANAGEMENT SYSTEMS
METAL-GAS SYSTEMS
METHOXY SYSTEMS
MINITRACK SYSTEM
MISSILE SYSTEMS
NASA INTERACTIVE PLANNING SYSTEM
NATIONAL AIRSPACE UTILIZATION
SYSTEM
NATIONAL OCEANIC SATELLITE SYSTEM
NAVIGATION
NIKE X SYSTEMS
NOESS
NONLINEAR SYSTEMS
NOVA LASER SYSTEM
PAYLOAD DEPLOYMENT & RETRIEVAL
SYSTEM
PHASE LOCKED SYSTEMS
PIGGYBACK SYSTEMS
PNEUMATIC EQUIPMENT
POLYSTATION DOPPLER TRACKING
SYSTEM
PUBLIC ADDRESS SYSTEMS
QUALITY CONTROL
RADIO RELAY SYSTEMS
RAMIS (SYSTEM)
RAPID TRANSIT SYSTEMS
REFERENCE SYSTEMS
REPRODUCTIVE SYSTEMS
SAFEGUARD SYSTEM
SATELLITE NAVIGATION SYSTEMS
SELF ADAPTIVE CONTROL SYSTEMS
SELF ORGANIZING SYSTEMS
SENTINEL SYSTEM
SHIVA LASER SYSTEM
SNAP
SOLAR SYSTEM
SOLAR TOTAL ENERGY SYSTEMS
SPACE DETECTION AND TRACKING
SYSTEM
SUPPORT SYSTEMS
SUSPENSION SYSTEMS (VEHICLES)
SYSTEM FAILURES
SYSTEM IDENTIFICATION
SYSTEMS ENGINEERING

SYSTEMS-(CONT.)

SYSTEMS MANAGEMENT
TELECOMMUNICATION
TELEGRAPH SYSTEMS
TELETYPEWRITER SYSTEMS
TELEVISION SYSTEMS
TERCOM
TERNARY SYSTEMS
TRANSCONTINENTAL SYSTEMS
TRANSFER FUNCTIONS
TRANSOCEANIC SYSTEMS
VACUUM SYSTEMS
VARIABLE MASS SYSTEMS
WARNING SYSTEMS
WEAPON SYSTEMS

SYSTEMS ANALYSIS

GS **SYSTEMS ANALYSIS**
SYSTEM IDENTIFICATION
RT ∞ ANALYZING
BLOCK DIAGRAMS
BOND GRAPHS
COMPLEX SYSTEMS
COMPUTER PROGRAMMING
COMPUTER SYSTEMS PROGRAMS
COMPUTER SYSTEMS SIMULATION
FEASIBILITY ANALYSIS
FUZZY SYSTEMS
MAN MACHINE SYSTEMS
MATHEMATICAL MODELS
MODULATION TRANSFER FUNCTION
OBSERVABILITY (SYSTEMS)
OPERATING COSTS
OPERATIONS RESEARCH
OPTICAL TRANSFER FUNCTION
PARAMETER IDENTIFICATION
PREFLIGHT ANALYSIS
PROCEDURES
PROGRAM VERIFICATION (COMPUTERS)
SIMULATION
SOCIOLOGY
STATISTICAL ANALYSIS
TRAJECTORY ANALYSIS
WEIGHT ANALYSIS
WEIGHT REDUCTION

SYSTEMS COMPATIBILITY

GS COMPATIBILITY
SYSTEMS COMPATIBILITY
RT RELIABILITY
RELIABILITY ENGINEERING

SYSTEMS DESIGN

USE SYSTEMS ENGINEERING

SYSTEMS ENGINEERING

UF SYSTEMS DESIGN
GS **SYSTEMS ENGINEERING**
COMPUTER SYSTEMS DESIGN
RT AEROSPACE SYSTEMS
AIRCRAFT DESIGN
AUTOMATION
BIONICS
BOND GRAPHS
COMMUNICATING
CONTRACT MANAGEMENT
CONTROL
CRITICAL PATH METHOD
CYBERNETICS
DATA PROCESSING
DECISION MAKING
DECISION THEORY
DESIGN
ELECTRICAL ENGINEERING
ENGINEERING
EXPERIMENTAL DESIGN
FORECASTING
FUNCTIONAL DESIGN SPECIFICATIONS
HUMAN FACTORS ENGINEERING
INFORMATION THEORY
LIFE CYCLE COSTS
MAN MACHINE SYSTEMS
MANAGEMENT
MANAGEMENT PLANNING
MATHEMATICAL MODELS
MECHANIZATION
MISSILE DESIGN
OBSERVABILITY (SYSTEMS)
OPERATIONS
OPERATIONS RESEARCH
OPTICAL TRANSFER FUNCTION
ORBIT SPECTRUM UTILIZATION
PARAMETER IDENTIFICATION
RELIABILITY
RELIABILITY ENGINEERING

SYSTEMS FOR NUCLEAR AUXILIARY POWER

SYSTEMS ENGINEERING-(CONT.)

RESEARCH AND DEVELOPMENT
SATELLITE DESIGN
SPACECRAFT DESIGN
STATISTICAL ANALYSIS
∞ STATISTICS
∞ SYNTHESIS
SYNTHESIS (CHEMISTRY)
SYSTEM EFFECTIVENESS
SYSTEM IDENTIFICATION
SYSTEMS INTEGRATION

SYSTEMS FOR NUCLEAR AUXILIARY POWER USE SNAP

SYSTEMS INTEGRATION

RT AIRBORNE/SPACEBORNE COMPUTERS
AVIONICS
DIGITAL SYSTEMS
SYSTEM EFFECTIVENESS
SYSTEMS ENGINEERING
SYSTEMS SIMULATION

SYSTEMS MANAGEMENT

GS MANAGEMENT
RT **SYSTEMS MANAGEMENT**
INDUSTRIAL MANAGEMENT
INFORMATION SYSTEMS
MAN MACHINE SYSTEMS
MANAGEMENT METHODS
OPERATIONS RESEARCH

SYSTEMS SIMULATION

GS SIMULATION
RT **SYSTEMS SIMULATION**
ANALOG SIMULATION
COMPUTERIZED SIMULATION
DYNAMIC MODELS
FLIGHT SIMULATION
MATHEMATICAL MODELS
OPERATIONS RESEARCH
SYSTEMS INTEGRATION

SYSTEMS STABILITY

GS STABILITY
RT **SYSTEMS STABILITY**
CONTROL STABILITY
DYNAMIC STABILITY
EQUATIONS OF MOTION
∞ EQUILIBRIUM
FLOW STABILITY
UNSTEADY STATE

SYSTOLE

GS ANATOMY
CARDIOVASCULAR SYSTEM
RT **SYSTOLE**
RATES (PER TIME)
HEART RATE
RT **SYSTOLE**
BLOOD FLOW
BLOOD PRESSURE
CARDIAC VENTRICLES
DIASTOLE
SYSTOLIC PRESSURE

SYSTOLIC PRESSURE

GS PRESSURE
BLOOD PRESSURE
RT **SYSTOLIC PRESSURE**
SYSTOLE

T

T SHAPE

UF TEE
GS SHAPES
RT **T SHAPE**
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 . JINDIVIK TARGET AIRCRAFT
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 . PARTICLE ACCELERATOR TARGETS
 . RADAR TARGETS
 RT AIRBORNE INTEGRATED
 RECONNAISSANCE SYSTEM
 COMMAND AND CONTROL
 DETECTION
 FIREBEE 2 TARGET DRONE AIRCRAFT
 IRRADIATION
 LASER TARGET DESIGNATORS
 LASER TARGET INTERACTIONS
 LINE OF SIGHT
 MICROBALLOONS
 ∞MISSIONS
 RADAR ECHOES
 RADAR TARGET SCATTER SITE
 PROGRAM
 SANDPIPER TARGET MISSILE
 SKYDART 2 ROCKET VEHICLE
 SURVEILLANCE
 TARGET ACQUISITION
 TARGET DRONE AIRCRAFT
 TARGET MASKING
 TARGET RECOGNITION
 TARGET THICKNESS
- TARS**
 GS PRODUCTS
 . PETROLEUM PRODUCTS
 . . TARS
 RT ASPHALT
 GUMS (SUBSTANCES)
 PITCH (MATERIAL)
 TAR SANDS
- TARTAR MISSILE**
 GS MISSILES
 . ANTIAIRCRAFT MISSILES
 . . TARTAR MISSILE
 . SURFACE TO AIR MISSILES
 . . TARTAR MISSILE
 RT AJ-10 ENGINE
 BUMBLEBEE PROJECT
 SOLID PROPELLANT ROCKET ENGINES
- TASK COMPLEXITY**
 GS COMPLEXITY
 . TASK COMPLEXITY
 RT COSTS
 ∞PERFORMANCE
 QUALITY CONTROL
 SCHEDULING
- TASKS**
 UF JOBS
 GS TASKS
 . AUDITORY TASKS
 . VISUAL TASKS
 RT COSTS
 CREW PROCEDURES (INFLIGHT)
 CREW PROCEDURES (PREFLIGHT)
 ∞ELEMENTS
 MATRIX MANAGEMENT
 PHYSICAL WORK
 PROJECTS
 QUALITY CONTROL
 RETRAINING
 SCHEDULING
 ∞TESTS
- TASMANIA**
 GS LANDFORMS
 . ISLANDS
 . . TASMANIA
 RT AUSTRALIA
- TASTE**
 UF GUSTATORY PERCEPTION
 GS PERCEPTION
 . SENSORY PERCEPTION
 . . TASTE
 RT CHEMORECEPTORS
 SYNTHETIC FOOD
- TAURID METEORIDS**
 GS CELESTIAL BODIES
 . METEOROID SHOWERS

TAURUS CONSTELLATION

TAURID METEORIDS-(CONT.)

- .. TAURID METEORIDS
- .. METEORIDS
- .. TAURID METEORIDS

TAURUS CONSTELLATION

- GS CONSTELLATIONS
- .. TAURUS CONSTELLATION
- RT CRAB NEBULA
- T TAURI STARS

TAUTOMERS

- RT ISOMERS

TAXIING

- RT AIR TRAFFIC CONTROL
- AIRFIELD SURFACE MOVEMENTS
- RUNWAYS

TAXONOMY

- RT CLASSIFICATIONS
- ∞ CLASSIFYING
- ∞ ZOOLOGY

TAYLOR INSTABILITY

- RT DENSITY DISTRIBUTION
- INTERFACE STABILITY
- PERTURBATION THEORY
- ROTATING FLUIDS
- TWO DIMENSIONAL FLOW

TAYLOR MANIFEST ANXIETY SCALE

- RT ANXIETY
- PSYCHOLOGICAL TESTS
- PSYCHOLOGICAL EFFECTS
- PSYCHOLOGICAL TESTS

TAYLOR SERIES

- UF TAYLOR THEOREM
- GS ANALYSIS (MATHEMATICS)
- .. CALCULUS
- .. SERIES (MATHEMATICS)
- .. POWER SERIES
- .. TAYLOR SERIES
- .. MACLAURIN SERIES
- .. REAL VARIABLES
- .. SERIES (MATHEMATICS)
- .. POWER SERIES
- .. TAYLOR SERIES
- .. MACLAURIN SERIES
- RT THEOREMS

TAYLOR THEOREM

- USE TAYLOR SERIES

TCG (TRACKING)

- USE TRANSPONDER CONTROL GROUP

TCV PROGRAM

- USE TERMINAL CONFIGURED VEHICLE PROGRAM

TD SATELLITES

- GS ESA SPACECRAFT
- .. ESA SATELLITES
- .. TD SATELLITES
- .. TD-1 SATELLITE
- SATELLITES
- .. ARTIFICIAL SATELLITES
- .. ESA SATELLITES
- .. TD SATELLITES
- .. TD-1 SATELLITE
- .. SYNCHRONOUS SATELLITES
- .. TD SATELLITES
- .. TD-1 SATELLITE
- .. EARTH SATELLITES
- .. ESA SATELLITES
- .. TD SATELLITES
- .. TD-1 SATELLITE
- .. SYNCHRONOUS SATELLITES
- .. TD SATELLITES
- .. TD-1 SATELLITE

TD-1 SATELLITE

- GS ESA SPACECRAFT
- .. ESA SATELLITES
- .. TD SATELLITES
- .. TD-1 SATELLITE
- SATELLITES
- .. ARTIFICIAL SATELLITES
- .. ESA SATELLITES
- .. TD SATELLITES
- .. TD-1 SATELLITE
- .. SYNCHRONOUS SATELLITES

TD-1 SATELLITE-(CONT.)

- .. TD SATELLITES
- .. TD-1 SATELLITE
- .. EARTH SATELLITES
- .. ESA SATELLITES
- .. TD SATELLITES
- .. TD-1 SATELLITE
- .. SYNCHRONOUS SATELLITES
- .. TD SATELLITES
- .. TD-1 SATELLITE

TDMA

- USE TIME DIVISION MULTIPLE ACCESS

TDR SATELLITES

- UF TRACKING AND DATA RELAY SATELLITES
- GS SATELLITES
- .. TDR SATELLITES
- RT AUTONOMOUS SPACECRAFT CLOCKS
- COMMUNICATING
- DATA TRANSMISSION
- RADIO RELAY SYSTEMS
- SATELLITE NETWORKS
- SATELLITE TRANSMISSION
- TELECOMMUNICATION
- TELEMETRY

TE-289 ENGINE

- GS ENGINES
- .. ROCKET ENGINES
- .. SOLID PROPELLANT ROCKET ENGINES
- .. TE-289 ENGINE
- RT EXOS SOUNDING ROCKET

TE-385 ENGINE

- GS ENGINES
- .. ROCKET ENGINES
- .. RETROCKET ENGINES
- .. TE-385 ENGINE

TEA LASERS

- UF TRANSVERSELY EXCITED ATMOSPHERIC LASERS
- GS STIMULATED EMISSION DEVICES
- .. LASERS
- .. GAS LASERS
- .. TEA LASERS
- RT ATMOSPHERIC LASERS
- CARBON DIOXIDE LASERS
- CARBON MONOXIDE LASERS
- CHEMICAL LASERS
- GAS MASERS
- HF LASERS
- LASER MODES
- PULSED LASERS
- STIMULATED EMISSION

TEACHING

- USE EDUCATION

TEACHING MACHINES

- GS TRAINING DEVICES
- .. TEACHING MACHINES
- RT LEARNING
- LEARNING MACHINES
- ∞ MACHINERY

TEAMS

- RT BUREAUS (ORGANIZATIONS)
- FEDERATIONS
- INSTITUTIONS
- ORGANIZATIONS
- PROJECTS
- UNIVERSITY PROGRAM

TEARING

- RT MECHANICAL PROPERTIES
- RUPTURING
- SHREDDING

TEARING MODE (PLASMAS)

- RT MODES

TECHNETIUM

- GS CHEMICAL ELEMENTS
- .. TECHNETIUM
- METALS
- .. TRANSITION METALS
- .. TECHNETIUM

TECHNETIUM COMPOUNDS

- GS TECHNETIUM COMPOUNDS

NASA THESAURUS (VOLUME 1)

TECHNETIUM COMPOUNDS-(CONT.)

- .. TECHNETIUM FLUORIDES
- RT ∞ GROUP 7B COMPOUNDS
- ∞ METAL COMPOUNDS

TECHNETIUM FLUORIDES

- GS HALOGEN COMPOUNDS
- .. FLUORINE COMPOUNDS
- .. FLUORIDES
- .. TECHNETIUM FLUORIDES
- .. HALIDES
- .. FLUORIDES
- .. TECHNETIUM FLUORIDES
- .. METAL HALIDES
- .. TECHNETIUM FLUORIDES
- TECHNETIUM COMPOUNDS
- .. TECHNETIUM FLUORIDES

TECHNETIUM ISOTOPES

- GS METALS
- .. TRANSITION METALS
- .. TECHNETIUM ISOTOPES

TECHNICAL WRITING

- RT ABSTRACTS
- DOCUMENTATION
- EDITING
- RECORDS
- SPECIFICATIONS
- TRANSLATING

TECHNIQUES

- USE METHODOLOGY

TECHNOLOGICAL FORECASTING

- GS FORECASTING
- .. TECHNOLOGICAL FORECASTING
- .. PATTERN METHOD (FORECASTING)
- .. PROBE METHOD (FORECASTING)
- .. PROFILE METHOD (FORECASTING)
- RT AEROSPACE TECHNOLOGY TRANSFER
- ESTIMATING
- PREDICTIONS
- TECHNOLOGY TRANSFER

TECHNOLOGIES

- GS TECHNOLOGIES
- .. BIOTECHNOLOGY
- .. BUBBLE TECHNIQUE
- .. ENERGY TECHNOLOGY
- .. GEOTHERMAL TECHNOLOGY
- .. MARINE TECHNOLOGY
- .. MILITARY TECHNOLOGY
- .. REACTOR TECHNOLOGY
- RT INDUSTRIES
- LOW GRAVITY MANUFACTURING
- MANUFACTURING
- NUCLEONICS
- SPACE MANUFACTURING
- TECHNOLOGY ASSESSMENT
- TECHNOLOGY UTILIZATION
- URBAN DEVELOPMENT

TECHNOLOGY ASSESSMENT

- GS ASSESSMENTS
- .. TECHNOLOGY ASSESSMENT
- RT CANADIAN SPACE PROGRAMS
- COMMUNICATIONS TECHNOLOGY
- SATELLITE
- DELPHI METHOD (FORECASTING)
- EVALUATION
- FEASIBILITY ANALYSIS
- INDIAN SPACE PROGRAM
- INDUSTRIES
- MANUFACTURING
- PATTERN METHOD (FORECASTING)
- PROBE METHOD (FORECASTING)
- PROFILE METHOD (FORECASTING)
- TECHNOLOGIES
- VALUE

TECHNOLOGY FEASIBILITY SPACECRAFT

- GS UNMANNED SPACECRAFT
- .. TECHNOLOGY FEASIBILITY SPACECRAFT
- RT SCIENTIFIC SATELLITES
- ∞ SPACECRAFT

TECHNOLOGY TRANSFER

- GS TECHNOLOGY TRANSFER
- .. AEROSPACE TECHNOLOGY TRANSFER
- RT COMMUNICATING
- COMMUNICATION
- DOCUMENTATION

TECHNOLOGY TRANSFER-(CONT.)

DOCUMENTS
INFORMATION FLOW
INFORMATION MANAGEMENT
REPORTS
SELECTIVE DISSEMINATION OF
INFORMATION
STARSITE PROGRAM
TECHNOLOGICAL FORECASTING
TRANSFERRING

TECHNOLOGY UTILIZATION

RT AEROSPACE TECHNOLOGY TRANSFER
CANADIAN SPACE PROGRAMS
COMMUNICATIONS TECHNOLOGY
SATELLITE
CONTROL CONFIGURED VEHICLES
INDIAN SPACE PROGRAM
INDUSTRIES
LASER APPLICATIONS
MANUFACTURING
NASA PROGRAMS
PATENT APPLICATIONS
RESEARCH AND DEVELOPMENT
SYNCHRONOUS EARTH OBSERVATORY
SATELLITE
TECHNOLOGIES
UTILIZATION

TECTONIC MOVEMENT

USE TECTONICS

TECTONICS

UF TECTONIC MOVEMENT
GS GEOLOGY
TECTONICS
RT ∞ DEPRESSION
EARTH MOVEMENTS
EARTH PLANETARY STRUCTURE
FISSURES (GEOLOGY)
GEOPHYSICS
PLATES (TECTONICS)

TED

USE TRANSFERRED ELECTRON DEVICES

TEE

USE T SHAPE

TEETERING

RT ∞ MOTION

TEETH

SN (EXCLUDES GEAR TEETH AND OTHER
MECHANICAL DEVICES)
GS DIGESTIVE SYSTEM
TEETH
RT DENTAL CALCULI
DENTISTRY
MASTICATION
MOUTH
ORAL HYGIENE

TEFLON (TRADEMARK)

GS PLASTICS
TEFLON (TRADEMARK)
RT ∞ POLYMERS
POLYTETRAFLUOROETHYLENE
RESINS
SYNTHETIC RESINS

TEKTITE PROJECT

GS PROGRAMS
NASA PROGRAMS
TEKTITE PROJECT
SPACE PROGRAMS
TEKTITE PROJECT

TEKTITES

GS CELESTIAL BODIES
METEORITES
STONY METEORITES
TEKTITES
AUSTRALITES
BEDIASITES
RT CHONDRITES
COESITE
CYRILLIT METEORITIDS
METEORITIC COMPOSITION
METEORITIC MICROSTRUCTURES
MICROMETEORITES
NATURAL SATELLITES

TELECHIRICS

USE REMOTE HANDLING

TELECOMMUNICATION

UF COMMUNICATION SYSTEMS
GS TELECOMMUNICATION
AIRCRAFT COMMUNICATION
BROADCASTING
CLOSED CIRCUIT TELEVISION
COLOR TELEVISION
COMMUNICATION
FACSIMILE COMMUNICATION
LINE OF SIGHT COMMUNICATION
OPTICAL COMMUNICATION
UNDERWATER COMMUNICATION
DATA LINKS
DEFENSE COMMUNICATIONS
SATELLITE SYSTEM
FLEET SATELLITE COMMUNICATION
SYSTEM
DEFENSE COMMUNICATIONS SYSTEM
(DCS)
EDUCATIONAL TELEVISION
GROUND-AIR-GROUND
COMMUNICATION
HET EXPERIMENT
MULTICHANNEL COMMUNICATION
MULTIPLE ACCESS
ALOHA SYSTEM
CODE DIVISION MULTIPLE ACCESS
FREQUENCY DIVISION MULTIPLE
ACCESS
TIME DIVISION MULTIPLE ACCESS
PLAT SYSTEM
PULSE COMMUNICATION
DIGITAL SPACECRAFT TELEVISION
RADIO COMMUNICATION
RADIO RELAY SYSTEMS
CODE DIVISION MULTIPLE ACCESS
TIME DIVISION MULTIPLE ACCESS
RADIO TELEGRAPHY
RADIO TELEMETRY
PULSE FREQUENCY MODULATION
TELEMETRY
TELEPHONY
RADIOTELEPHONES
SELECTIVE DISSEMINATION OF
INFORMATION
SINGLE CHANNEL PER CARRIER
TRANSMISSION
SPACE COMMUNICATION
EXTRATERRESTRIAL
COMMUNICATION
INTERPLANETARY COMMUNICATION
LUNAR COMMUNICATION
CIRCUMLUNAR COMMUNICATION
SPACECRAFT COMMUNICATION
REENTRY COMMUNICATION
SPACECRAFT ANTENNAS
SPACECRAFT TELEVISION
DIGITAL SPACECRAFT TELEVISION
SATELLITE TELEVISION
STEREOTELEVISION
TELEMETRY
BIOTELEMETRY
P.A.C.M. TELEMETRY
PCM TELEMETRY
RADIO TELEMETRY
PULSE FREQUENCY MODULATION
TELEMETRY
TRANSOCEANIC COMMUNICATION
VIDEO COMMUNICATION
VOICE COMMUNICATION
TELEPHONY
VOICE DATA PROCESSING
WIDEBAND COMMUNICATION
WIRELESS COMMUNICATION
RT ACCESS CONTROL
ANTENNAS
ARPA COMPUTER NETWORK
∞ CHANNELS
CODE DIVISION MULTIPLEXING
COMMUNICATING
COMMUNICATION NETWORKS
COMMUNICATION SATELLITES
COMPUTERS
DATA COMPRESSION
DATA PROCESSING
DATA SAMPLING
DATA TRANSMISSION
DEMODULATION
∞ DETECTORS
DIGITAL SYSTEMS
ELECTROMAGNETIC RADIATION
FLEET SATELLITE COMMUNICATION
SYSTEM

TELECOMMUNICATION-(CONT.)

FREQUENCY DIVISION MULTIPLE
ACCESS
FREQUENCY DIVISION MULTIPLEXING
INFORMATION THEORY
INTERFACES
INTERPHONES
MODULATION
MOLNIYA SATELLITES
MORSE CODE
NASCOM NETWORK
ONBOARD EQUIPMENT
PACKET SWITCHING
POINT TO POINT COMMUNICATION
SATELLITE ANTENNAS
SEAFARER PROJECT
SIGNAL DETECTION
SIGNAL DETECTORS
SIGNAL ENCODING
SIGNAL TRANSMISSION
∞ SIGNALS
∞ SYSTEMS
TDR SATELLITES
TELECONFERENCING
TELEGRAPH SYSTEMS
TELETYPEWRITER SYSTEMS
TELEVISION SYSTEMS
TRANSCONTINENTAL SYSTEMS
TRANSMISSION
TRANSMISSION CIRCUITS
TRANSMISSION LINES
TRANSMITTERS
TRANSOCEANIC SYSTEMS
VIDEO DATA
WESTAR SATELLITES

TELECONFERENCING

GS TELECONFERENCING
HET EXPERIMENT
RT COMMUNICATION SATELLITES
CONFERENCES
MULTICHANNEL COMMUNICATION
SATELLITE NETWORKS
SATELLITES
TELECOMMUNICATION

TELEGRAPH SYSTEMS

UF TELEGRAPHY
RT PULSE COMMUNICATION
RADIO COMMUNICATION
SINGLE CHANNEL PER CARRIER
TRANSMISSION
∞ SYSTEMS
TELECOMMUNICATION
TELEPRINTERS
TELETYPEWRITERS
WESTAR SATELLITES

TELEGRAPHY

USE TELEGRAPH SYSTEMS

TELEMETERS

USE TELEMETRY

TELEMETRY

UF TELEMETERS
GS TELECOMMUNICATION
TELEMETRY
BIOTELEMETRY
P.A.C.M. TELEMETRY
PCM TELEMETRY
RADIO TELEMETRY
PULSE FREQUENCY MODULATION
TELEMETRY
RT ADVANCED RANGE INSTRUMENTATION
AIRCRAFT
COMMUNICATION EQUIPMENT
DATA COMPRESSION
DATA LINKS
DATA RETRIEVAL
DATA TRANSMISSION
DECOMMUTATORS
DIFFERENTIAL PULSE CODE
MODULATION
IN-FLIGHT MONITORING
MEASURING INSTRUMENTS
PULSE COMMUNICATION
RADIO COMMUNICATION
SIGNAL PROCESSING
SINGLE CHANNEL PER CARRIER
TRANSMISSION
SPIRAL ANTENNAS
TDR SATELLITES
TIME DIVISION MULTIPLEXING
TRAJECTORY MEASUREMENT

TELEOPERATORS

TELEMETRY-(CONT.)

TRANSPONDER CONTROL GROUP
WEATHER DATA RECORDERS
WIRELESS COMMUNICATION

TELEOPERATORS

GS CONTROL EQUIPMENT
. TELEOPERATORS
RT HUMAN FACTORS ENGINEERING
MAN MACHINE SYSTEMS
MANIPULATORS
REMOTE CONTROL
REMOTE HANDLING

TELEPHONES

GS TELEPHONES
. RADIOTELEPHONES
RT EARPHONES
TELEPHONY
UTILITIES

TELEPHONY

GS TELECOMMUNICATION
. RADIO COMMUNICATION
. TELEPHONY
. VOICE COMMUNICATION
. TELEPHONY
TRANSMISSION
. TELEPHONY
RT COMMUNICATION EQUIPMENT
CROSSTALK
ECHO SUPPRESSORS
RADIOTELEPHONES
SINGLE CHANNEL PER CARRIER
TRANSMISSION
SOUND TRANSMISSION
SYMPHONIE SATELLITES
TELEPHONES
VERBAL COMMUNICATION

TELEPHOTOMETERS

USE TELEPHOTOMETRY

TELEPHOTOMETRY

UF TELEPHOTOMETERS
GS OPTICAL MEASUREMENT
. PHOTOMETRY
. TELEPHOTOMETRY
RT ASTRONOMICAL PHOTOMETRY
OPTICAL MEASURING INSTRUMENTS
PHOTOMETERS
TRANSMISSOMETERS

TELEPRINTERS

GS PRINTERS
. TELEPRINTERS
TYPEWRITERS
. TELETYPEWRITERS
. TELEPRINTERS
RT KEYING
PRINTERS (DATA PROCESSING)
RECEIVERS
TELEGRAPH SYSTEMS

TELESAT CANADA A

USE ANIK 1

TELESAT CANADA B

USE ANIK 2

TELESAT CANADA C

USE ANIK 3

TELESAT CANADA 3

USE ANIK 3

TELESCOPES

GS TELESCOPES
. APOLLO TELESCOPE MOUNT
. ASTRONOMICAL TELESCOPES
. HELIOMETERS
. PYROHELIOMETERS
. INFRARED TELESCOPES
. KILOMETER WAVE ORBITING
TELESCOPE
. SPECTROSCOPIC TELESCOPES
. MULTISPECTRAL TRACKING
TELESCOPES
. STRATOSCOPE TELESCOPES
. STARSAT TELESCOPE
. ULTRAVIOLET TELESCOPES
. X RAY TELESCOPES
. CELESCOPES
. CIRCUMSOLAR TELESCOPES

TELESCOPES-(CONT.)

. GAMMA RAY TELESCOPES
. GRIST (TELESCOPE)
. MANNED ORBITAL TELESCOPES
. PARTICLE TELESCOPES
. RADIO TELESCOPES
. KILOMETER WAVE ORBITING
TELESCOPE
. REFLECTING TELESCOPES
. STARSAT TELESCOPE
. REFRACTING TELESCOPES
. SCHMIDT CAMERAS
. SCHMIDT TELESCOPES
. SPACEBORNE TELESCOPES
. LARGE SPACE TELESCOPE
. LIRTS (TELESCOPE)
. STARSAT TELESCOPE
RT ANTENNAS
ASTRONOMICAL OBSERVATORIES
ASTRONOMY
BINOCULARS
EYEPIECES
GAMMA RAY OBSERVATORY
LENSES
MIRRORS
OPTICAL EQUIPMENT
OPTICAL MEASURING INSTRUMENTS
OPTICAL TRANSFER FUNCTION
PERISCOPES
REFLECTORS
SOLAR INSTRUMENTS
SPACEBORNE ASTRONOMY
ULTRAVIOLET ASTRONOMY
X RAY ASTROPHYSICS FACILITY

TELETYPEWRITER SYSTEMS

RT FACSIMILE COMMUNICATION
MICROWAVE TRANSMISSION
∞ SYSTEMS
TELECOMMUNICATION
TELETYPEWRITERS

TELETYPEWRITERS

GS TYPEWRITERS
. TELETYPEWRITERS
. TELEPRINTERS
RT KEYING
RECEIVERS
TELEGRAPH SYSTEMS
TELETYPEWRITER SYSTEMS

TELEVISION CAMERAS

GS OPTICAL EQUIPMENT
. CAMERAS
. TELEVISION CAMERAS
PHOTOGRAPHIC EQUIPMENT
. CAMERAS
. TELEVISION CAMERAS
TELEVISION EQUIPMENT
. TELEVISION CAMERAS
RT CAMERA TUBES
CLOSED CIRCUIT TELEVISION
LALLEMAND CAMERAS
OPTICAL SCANNERS
ORTHICONS
RETURN BEAM VIDICONS
SATELLITE TELEVISION

TELEVISION EQUIPMENT

GS TELEVISION EQUIPMENT
. IMAGE DISSECTOR TUBES
. MONOSCOPES
. TELEVISION CAMERAS
. TELEVISION RECEIVERS
RT CATHODE RAY TUBES
DIPLEXERS
∞ EQUIPMENT
FLYING SPOT SCANNERS
ORTHICONS
PICTURE TUBES
VIDEO EQUIPMENT

TELEVISION RECEIVERS

GS RECEIVERS
. TELEVISION RECEIVERS
TELEVISION EQUIPMENT
. TELEVISION RECEIVERS
RT CLOSED CIRCUIT TELEVISION
TUNERS

TELEVISION RECEPTION

GS SIGNAL RECEPTION
. TELEVISION RECEPTION
RT COLOR TELEVISION
RADIO RECEIVERS

NASA THESAURUS (VOLUME 1)

TELEVISION RECEPTION-(CONT.)

RADIO RECEPTION
∞ RECEIVING

TELEVISION SYSTEMS

GS TELEVISION SYSTEMS
. ADVANCED VIDICON CAMERA SYSTEM
(AVCS)
. CLOSED CIRCUIT TELEVISION
. COLOR TELEVISION
. EDUCATIONAL TELEVISION
. PLAT SYSTEM
. SPACECRAFT TELEVISION
. DIGITAL SPACECRAFT TELEVISION
. RANGER BLOCK 3 TELEVISION
SYSTEM
. SATELLITE TELEVISION
. STEREOTELEVISION
RT COMMUNICATION EQUIPMENT
DIGITAL TELEVISION
EARTH TERMINALS
FACSIMILE COMMUNICATION
IMAGING TECHNIQUES
ORBIT SPECTRUM UTILIZATION
RADIO COMMUNICATION
SPACE COMMUNICATION
∞ SYSTEMS
TELECOMMUNICATION
VIDEO COMMUNICATION
VIDEO DATA

TELEVISION TRANSMISSION

GS TRANSMISSION
. ELECTROMAGNETIC WAVE
TRANSMISSION
. TELEVISION TRANSMISSION
SIGNAL TRANSMISSION
. TELEVISION TRANSMISSION
RT AUTOMATIC PICTURE TRANSMISSION
CLOSED CIRCUIT TELEVISION
COLOR TELEVISION
DIGITAL TELEVISION
DOUBLE SIDEBAND TRANSMISSION
LINE OF SIGHT COMMUNICATION
MOLNIYA SATELLITES
RADIO TRANSMITTERS
SATELLITE TELEVISION
SATELLITE TRANSMISSION
SINGLE SIDEBAND TRANSMISSION
SMEAR
SPACECRAFT TELEVISION
SWEEP FREQUENCY
TIME DIVISION MULTIPLEXING
TRANSMITTERS
WAVE PROPAGATION

TELLEGEN THEORY

USE GYRATORS
NETWORK ANALYSIS
NETWORK SYNTHESIS

TELLURIC CURRENTS

UF EARTH CURRENTS
GS ELECTRIC CURRENT
. TELLURIC CURRENTS
ELECTRICITY
. GEOELECTRICITY
. TELLURIC CURRENTS
RT ATMOSPHERIC ELECTRICITY
AURORAL ELECTROJETS
DYNAMO THEORY
GEOMAGNETIC MICROPULSATIONS

TELLURIC LINES

GS SPECTRA
. ABSORPTION SPECTRA
. TELLURIC LINES
. RADIATION SPECTRA
. ELECTROMAGNETIC SPECTRA
. LINE SPECTRA
. TELLURIC LINES
. SPECTRAL BANDS
. TELLURIC LINES
RT H LINES

TELLURIDES

GS CHALCOGENIDES
. TELLURIDES
. BISMUTH TELLURIDES
. CADMIUM TELLURIDES
. INDIUM TELLURIDES
. LANTHANUM TELLURIDES
. LEAD TELLURIDES
. MERCURY TELLURIDES
. TIN TELLURIDES

TELLURIDES-(CONT.)

.. ZINC TELLURIDES
TELLURIUM COMPOUNDS
.. **TELLURIDES**
.. BISMUTH TELLURIDES
.. CADMIUM TELLURIDES
.. INDIUM TELLURIDES
.. LANTHANUM TELLURIDES
.. LEAD TELLURIDES
.. MERCURY TELLURIDES
.. TIN TELLURIDES
.. ZINC TELLURIDES
RT INTERMETALLICS

TELLURIUM

GS CHEMICAL ELEMENTS
.. METALLOIDS
.. **TELLURIUM**
.. TELLURIUM ISOTOPES
.. NUCLIDES
.. ISOTOPES
.. **TELLURIUM**
.. TELLURIUM ISOTOPES

TELLURIUM ALLOYS

GS ALLOYS
.. **TELLURIUM ALLOYS**

TELLURIUM COMPOUNDS

GS **TELLURIUM COMPOUNDS**
.. TELLURIDES
.. BISMUTH TELLURIDES
.. CADMIUM TELLURIDES
.. INDIUM TELLURIDES
.. LANTHANUM TELLURIDES
.. LEAD TELLURIDES
.. MERCURY TELLURIDES
.. TIN TELLURIDES
.. ZINC TELLURIDES
RT ∞ GROUP 6A COMPOUNDS

TELLURIUM ISOTOPES

UF TELLURIUM 119
GS CHEMICAL ELEMENTS
.. METALLOIDS
.. TELLURIUM
.. **TELLURIUM ISOTOPES**
.. NUCLIDES
.. ISOTOPES
.. TELLURIUM
.. **TELLURIUM ISOTOPES**

TELLURIUM 119

USE TELLURIUM ISOTOPES

TELLUROMETERS

GS MEASURING INSTRUMENTS
.. DISTANCE MEASURING EQUIPMENT
.. **TELLUROMETERS**
RT GEODIMETERS
RANGE FINDERS

TELSTAR PROJECT

GS PROGRAMS
.. PROJECTS
.. **TELSTAR PROJECT**
RT ARTIFICIAL SATELLITES
COMMUNICATION SATELLITES
COMSAT PROGRAM

TELSTAR SATELLITES

GS SATELLITES
.. ARTIFICIAL SATELLITES
.. **TELSTAR SATELLITES**
.. TELSTAR 1 SATELLITE
.. TELSTAR 2 SATELLITE
.. EARTH SATELLITES
.. **TELSTAR SATELLITES**
.. TELSTAR 1 SATELLITE
.. TELSTAR 2 SATELLITE
RT COMSAT PROGRAM
THOR DELTA LAUNCH VEHICLE

TELSTAR 1 SATELLITE

GS SATELLITES
.. ARTIFICIAL SATELLITES
.. TELSTAR SATELLITES
.. **TELSTAR 1 SATELLITE**
.. EARTH SATELLITES
.. TELSTAR SATELLITES
.. **TELSTAR 1 SATELLITE**

TELSTAR 2 SATELLITE

GS SATELLITES

TELSTAR 2 SATELLITE-(CONT.)

.. ARTIFICIAL SATELLITES
.. TELSTAR SATELLITES
.. **TELSTAR 2 SATELLITE**
.. EARTH SATELLITES
.. TELSTAR SATELLITES
.. **TELSTAR 2 SATELLITE**

TEMPEL 2 COMET

GS CELESTIAL BODIES
.. COMETS
.. **TEMPEL 2 COMET**
RT ∞ COMA
METEORIODS
SOLAR SYSTEM

TEMPER (METALLURGY)

RT COLD WORKING
DUCTILITY
HARDNESS
HEAT TREATMENT

TEMPERATE REGIONS

UF MIDLATITUDES
SUBTROPICAL REGIONS
GS REGIONS
.. **TEMPERATE REGIONS**
RT CLIMATOLOGY
GEOGRAPHY
POLAR REGIONS
TROPICAL REGIONS

TEMPERATURE

UF BODY TEMPERATURE (NON-BIOLOGICAL)
GS **TEMPERATURE**
.. ABSOLUTE ZERO
.. AMBIENT TEMPERATURE
.. ATMOSPHERIC TEMPERATURE
.. AURORAL TEMPERATURE
.. IONOSPHERIC TEMPERATURE
.. BODY TEMPERATURE
.. BRIGHTNESS TEMPERATURE
.. COMBUSTION TEMPERATURE
.. CRITICAL TEMPERATURE
.. CURIE TEMPERATURE
.. FLAME TEMPERATURE
.. GAS TEMPERATURE
.. HIGH TEMPERATURE
.. IGNITION TEMPERATURE
.. FLASH POINT
.. INLET TEMPERATURE
.. ION TEMPERATURE
.. LOW TEMPERATURE
.. ULTRALOW TEMPERATURES
.. LUNAR TEMPERATURE
.. NEEL TEMPERATURE
.. NOISE TEMPERATURE
.. OPERATING TEMPERATURE
.. PLANETARY TEMPERATURE
.. PLASMA TEMPERATURE
.. ROOM TEMPERATURE
.. SATELLITE TEMPERATURE
.. SKIN TEMPERATURE (BIOLOGY)
.. SOLAR TEMPERATURE
.. SPACE TEMPERATURE
.. STAGNATION TEMPERATURE
.. STELLAR TEMPERATURE
.. SUBZERO TEMPERATURE
.. SURFACE TEMPERATURE
.. SKIN TEMPERATURE
.. (NON-BIOLOGICAL)
.. WALL TEMPERATURE
.. TRANSITION TEMPERATURE
.. WATER TEMPERATURE
.. OCEAN TEMPERATURE
RT ADIABATIC CONDITIONS
AIR CONDITIONING
BIOLOGICAL EFFECTS
CLIMATOLOGY
COMFORT
ELECTRON ENERGY
EMISSIVITY
ENVIRONMENTS
GEOTEMPERATURE
GIBBS-HELMHOLTZ EQUATIONS
HEAT
HEATING
HUMIDITY
ISOTHERMS
LAPSE RATE
MELTING POINTS
METEOROLOGY
REFRIGERATING
SAHA EQUATIONS
TEPHIGRAMS

TEMPERATURE-(CONT.)

THERMAL CONDUCTIVITY
THERMAL CYCLING TESTS
THERMAL EXPANSION
THERMAL SHOCK
THERMAL STABILITY
THERMODYNAMIC PROPERTIES
VENTILATION

TEMPERATURE COMPENSATION

GS INSTRUMENT COMPENSATION
.. **TEMPERATURE COMPENSATION**
RT ∞ COMPENSATION

TEMPERATURE CONTROL

UF HEAT REGULATION
RT AIR CONDITIONING
AUTOMATIC CONTROL
AUTOMATIC CONTROL VALVES
CHEMICAL REACTION CONTROL
COMBUSTION CONTROL
∞ CONTROL
CONTROLLERS
COOLING
COOLING SYSTEMS
CRYOSTATS
ENGINE CONTROL
ENVIRONMENTAL CONTROL
ENVIRONMENTAL ENGINEERING
EXHAUST SYSTEMS
HEAT SHIELDING
HEATING
HEATING EQUIPMENT
HIGH TEMPERATURE TESTS
INFRARED SUPPRESSION
LOW TEMPERATURE TESTS
MANUAL CONTROL
PLASMA COOLING
REFRIGERATING
REFRIGERATING MACHINERY
REMOTE CONTROL
REUSABLE HEAT SHIELDING
SPACE COOLING (BUILDINGS)
SPACE HEATING (BUILDINGS)
THERMAL CONTROL COATINGS
THERMAL CYCLING TESTS
THERMAL INSULATION
THERMOMETERS
THERMOREGULATION
THERMOSTATS
TRANSPIRATION
VENTILATION
WATER HEATING

TEMPERATURE DEPENDENCE

GS DEPENDENCE
.. **TEMPERATURE DEPENDENCE**

TEMPERATURE DIFFERENCES

USE TEMPERATURE GRADIENTS

TEMPERATURE DISTRIBUTION

UF TEMPERATURE FIELDS
GS DISTRIBUTION (PROPERTY)
.. **TEMPERATURE DISTRIBUTION**
RT AIR CONDITIONING
COOLING
COOLING SYSTEMS
ENVIRONMENTAL ENGINEERING
FIELD THEORY (PHYSICS)
HEAT TREATMENT
HEATING
ISOTHERMAL FLOW
ISOTHERMAL LAYERS
ISOTHERMS
OCEAN TEMPERATURE
REFRIGERATING
SATELLITE TEMPERATURE
THERMAL MAPPING
THERMAL RESOURCES
THERMAL SHOCK
THERMAL STRESSES
VENTILATION
VERTICAL DISTRIBUTION
WATER TEMPERATURE

TEMPERATURE EFFECTS

UF HEAT EFFECTS
PHOTOTHERMOTROPISM
RICHARDSON-DUSHMAN EQUATION
THERMAL EFFECTS
THERMOTROPISM
RT ABLATION
ABSOLUTE ZERO
CHEMICAL EFFECTS

TEMPERATURE FIELDS

TEMPERATURE EFFECTS-(CONT.)

- ∞ EFFECTS
 - ETTINGSHAUSEN EFFECT
 - JET BLAST EFFECTS
 - MAGNETIC EFFECTS
 - NERNST-ETTINGSHAUSEN EFFECT
 - PELTIER EFFECTS
 - PRESSURE EFFECTS
- ∞ RADIATION
 - REENTRY EFFECTS
 - SEEBECK EFFECT
 - SHAPE MEMORY ALLOYS
 - SOLAR GRANULATION
 - STERILIZATION EFFECTS
 - THERMAL BUCKLING
 - THERMAL DEGRADATION
 - THERMAL DISSOCIATION
 - THERMAL RESISTANCE
 - THERMAL STRESSES
 - THERMOGRAVIMETRY
 - THERMOLUMINESCENCE
 - THERMOPLASTICITY

TEMPERATURE FIELDS

- USE TEMPERATURE DISTRIBUTION

TEMPERATURE GRADIENTS

- UF TEMPERATURE DIFFERENCES
- GS GRADIENTS
 - TEMPERATURE GRADIENTS
 - ... THERMOCLINES
- RT ATMOSPHERIC TEMPERATURE
 - BATHYTHERMOGRAPHS
 - CHAPMAN-ENSKOG THEORY
 - CONVECTIVE HEAT TRANSFER
 - DIFFERENTIAL THERMAL ANALYSIS
 - ISOTHERMAL LAYERS
 - ISOTHERMS
 - NONISOTHERMAL PROCESSES
 - OCEAN TEMPERATURE
 - POTENTIAL GRADIENTS
 - STRATIFICATION
 - THERMAL MAPPING
 - THERMOMIGRATION

TEMPERATURE INDICATORS

- USE INDICATING INSTRUMENTS
- TEMPERATURE MEASURING INSTRUMENTS

TEMPERATURE INSTRUMENTS

- USE TEMPERATURE MEASURING INSTRUMENTS

TEMPERATURE INVERSIONS

- GS INVERSIONS
 - TEMPERATURE INVERSIONS
- RT AIR POLLUTION
 - ATMOSPHERIC TEMPERATURE
 - BENDING
 - BIREFRINGENCE
 - BUCKLING
 - CRACKING (FRACTURING)
 - CRACKS
 - CREEP PROPERTIES
 - DEFLECTION
 - DEFORMATION
 - DISPLACEMENT
 - DISTORTION
 - FAILURE
 - FATIGUE (MATERIALS)
 - INTERNAL PRESSURE
 - LAPSE RATE
 - MECHANICAL PROPERTIES
 - METEOROLOGICAL PARAMETERS
 - METEOROLOGY
 - PHOTOELASTIC ANALYSIS
 - PLASTIC DEFORMATION
 - PRESSURE
 - PRESSURE EFFECTS
 - RESIDUAL STRESS
 - SAINT VENANT PRINCIPLE
 - SHEAR PROPERTIES
 - SHRINKAGE
 - STRAIN GAGES
 - STRAIN HARDENING
 - STRAIN RATE
 - STRESS ANALYSIS
 - STRESS RELAXATION
 - STRESS WAVES
 - STRESSES
 - STRUCTURAL STRAIN
 - TENSILE DEFORMATION
 - ∞ TENSION
 - TEPHIGRAMS

TEMPERATURE INVERSIONS-(CONT.)

- TORSION
- VOLUMETRIC STRAIN
- X RAY STRESS ANALYSIS
- YIELD STRENGTH

TEMPERATURE MEASUREMENT

- UF PYROMETRY
 - THERMOMETRY
- RT ANOMALOUS TEMPERATURE ZONES
 - BOLOMETERS
 - BRIGHTNESS TEMPERATURE
 - CRAYONS
 - GAS TEMPERATURE
 - HIGH TEMPERATURE
 - ∞ MEASUREMENT
 - NOISE TEMPERATURE
 - PYROMETERS
 - RADIATION PYROMETERS
 - RESISTANCE THERMOMETERS
 - SATELLITE TEMPERATURE
 - SODAR
 - SOUND DETECTING AND RANGING
 - THERMOCOUPLE PYROMETERS
 - THERMOCOUPLES
 - THERMOMETERS
 - WIND TUNNEL CALIBRATION

TEMPERATURE MEASURING INSTRUMENTS

- UF TEMPERATURE INDICATORS
- TEMPERATURE INSTRUMENTS
- THERMOGRAMS
- GS MEASURING INSTRUMENTS
 - TEMPERATURE MEASURING INSTRUMENTS
 - ... BATHYTHERMOGRAPHS
 - ... OPTICAL PYROMETERS
 - ... PYROMETERS
 - ... RADIATION PYROMETERS
 - ... THERMOCOUPLE PYROMETERS
 - ... TEMPERATURE PROBES
 - ... PNEUMATIC PROBES
 - ... THERMOMETERS
 - ... RESISTANCE THERMOMETERS
- RT ANOMALOUS TEMPERATURE ZONES
 - BOLOMETERS
 - BOMB CALORIMETERS
 - CALORIMETERS
 - DROP CALORIMETERS
 - FLAME CALORIMETERS
 - FLAME PROBES
 - THERMISTORS
 - THERMOCOUPLES
 - THERMOPILES
 - THERMOSTATS
 - TRANSDUCERS

TEMPERATURE PROBES

- GS MEASURING INSTRUMENTS
 - TEMPERATURE MEASURING INSTRUMENTS
 - ... TEMPERATURE PROBES
 - ... PNEUMATIC PROBES
- RT THERMOCOUPLES

TEMPERATURE PROFILES

- RT DIFFERENTIAL THERMAL ANALYSIS
- HEAT TRANSFER

TEMPERATURE SCALES

- UF FAHRENHEIT TEMPERATURE SCALE
- INTERNATIONAL PRACTICAL TEMPERATURE
- RT ABSOLUTE ZERO
- ANOMALOUS TEMPERATURE ZONES
- CALIBRATING
- ∞ SCALE
- STANDARDS
- THERMOMETERS

TEMPERATURE SENSORS

- GS TEMPERATURE SENSORS
 - THERMISTORS
- RT ANOMALOUS TEMPERATURE ZONES

TEMPERING

- GS HEAT TREATMENT
 - TEMPERING
- RT ANNEALING
 - ∞ DRAWING
 - HARDENING (MATERIALS)
 - LASER ANNEALING
 - METAL WORKING
 - NORMALIZING (HEAT TREATMENT)
 - STRESS RELIEVING

NASA THESAURUS (VOLUME 1)

TEMPERING-(CONT.)

- STRETCHING

TEMPLATES

- RT LOFTING
- MOLDS
- ∞ PATTERNS

TEMPORAL DISTRIBUTION

- RT ANNUAL VARIATIONS
- SPATIAL DISTRIBUTION
- TIME DEPENDENCE
- ∞ TIME RESPONSE

TEMPORAL RESOLUTION

- RT SPATIAL RESOLUTION

TENDENCIES

- RT ∞ INCLINATION

TENDONS

- RT CONNECTIVE TISSUE
- FIBROBLASTS

TENITE

- RT CELLULOSE
- MOLDING MATERIALS

TENNESSEE

- GS UNITED STATES OF AMERICA
 - ... TENNESSEE
- RT GREAT SMOKY MOUNTAINS (NC-TN)
- TENNESSEE VALLEY (AL-KY-TN)

TENNESSEE VALLEY (AL-KY-TN)

- GS VALLEYS
 - ... TENNESSEE VALLEY (AL-KY-TN)
- RT ALABAMA
- KENTUCKY
- TENNESSEE

TENSILE CREEP

- GS MECHANICAL PROPERTIES
 - ... CREEP PROPERTIES
 - ... TENSILE CREEP
- RT PLASTIC DEFORMATION
- SHEAR CREEP

TENSILE DEFORMATION

- GS DEFORMATION
 - ... TENSILE DEFORMATION
- RT ELASTIC DEFORMATION
- ELONGATION
- PLASTIC DEFORMATION
- TEMPERATURE INVERSIONS

TENSILE PROPERTIES

- GS MECHANICAL PROPERTIES
 - ... TENSILE PROPERTIES
- RT ELASTIC PROPERTIES
- HIGH STRENGTH ALLOYS

TENSILE STRENGTH

- GS MECHANICAL PROPERTIES
 - ... TENSILE STRENGTH
- RT DUCTILITY
- ELASTIC PROPERTIES
- ELONGATION
- FIBER STRENGTH
- HIGH STRENGTH
- HYSTERESIS
- POISSON RATIO
- RESILIENCE
- SHEAR STRENGTH
- ∞ STRENGTH
- TOUGHNESS

TENSILE STRESS

- GS STRESSES
 - ... TENSILE STRESS
- RT AXIAL STRESS
- HIGH STRENGTH
- HOOPS
- STRESS INTENSITY FACTORS
- ∞ TENSION
- TRIAXIAL STRESSES

TENSILE TESTS

- RT DESTRUCTIVE TESTS
- FATIGUE TESTS
- LOAD TESTS
- SPECIMEN GEOMETRY
- STATIC TESTS

TENSIMETERS

- GS MEASURING INSTRUMENTS
- . **TENSIMETERS**
- RT CABLE FORCE RECORDERS
- MECHANICAL MEASUREMENT

∞ TENSION

- SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED—CONSULT THE TERMS LISTED BELOW)*
- RT BLOOD PRESSURE
- INTERFACIAL TENSION
- PARTIAL PRESSURE
- STRETCHING
- TEMPERATURE INVERSIONS
- TENSILE STRESS

TENSOMETERS

- GS MEASURING INSTRUMENTS
- . **TENSOMETERS**
- RT DEFORMETERS
- EXTENSOMETERS
- STRAIN GAGES
- STRESS MEASUREMENT
- WEIGHT INDICATORS

TENSOR ANALYSIS

- GS GEOMETRY
- . DIFFERENTIAL GEOMETRY
- . . **TENSOR ANALYSIS**
- RT RELATIVITY
- SCALARS
- SCALERS
- TENSORS

TENSOR FIELDS

- USE TENSORS

TENSORS

- UF TENSOR FIELDS
- TRANSFORMATION TENSORS
- GS ALGEBRA
- . **TENSORS**
- . . STRESS TENSORS
- RT FIELD THEORY (PHYSICS)
- JORDAN FORM
- SCALARS
- TENSOR ANALYSIS

TEPHIGRAMS

- GS DIAGRAMS
- . **TEPHIGRAMS**
- RT ATMOSPHERIC TURBULENCE
- ENTROPY
- LAPSE RATE
- TEMPERATURE
- TEMPERATURE INVERSIONS
- THERMODYNAMIC PROPERTIES

TERBIUM

- GS CHEMICAL ELEMENTS
- . RARE EARTH ELEMENTS
- . . **TERBIUM**
- . . . TERBIUM ISOTOPES
- METALS
- . RARE EARTH ELEMENTS
- . . **TERBIUM**
- . . . TERBIUM ISOTOPES

TERBIUM ISOTOPES

- UF TERBIUM 155
- TERBIUM 161
- GS CHEMICAL ELEMENTS
- . NUCLIDES
- . . ISOTOPES
- . . . **TERBIUM ISOTOPES**
- . . . RARE EARTH ELEMENTS
- . . . **TERBIUM**
- . . . **TERBIUM ISOTOPES**
- METALS
- . RARE EARTH ELEMENTS
- . . **TERBIUM**
- . . . **TERBIUM ISOTOPES**

TERBIUM 155

- USE TERBIUM ISOTOPES

TERBIUM 161

- USE TERBIUM ISOTOPES

TERCOM

- UF TERRAIN CONTOUR MATCHING
- NAVIGATION SYSTEM
- GS NAVIGATION AIDS

TERCOM-(CONT.)

- . **TERCOM**
- ONBOARD EQUIPMENT
- . AIRBORNE EQUIPMENT
- . . **TERCOM**
- . . . AIRCRAFT EQUIPMENT
- . . . **TERCOM**
- RT DISPLAY DEVICES
- FLIGHT INSTRUMENTS
- MAP MATCHING GUIDANCE
- NAVIGATION INSTRUMENTS
- ∞ SYSTEMS
- VIDEO LANDMARK ACQUISITION AND TRACKING

TEREPHTHALATE

- GS ACIDS
- . FATTY ACIDS
- . . CARBOXYLIC ACIDS
- . . . DICARBOXYLIC ACIDS
- **TEREPHTHALATE**

TERMINAL AREA ENERGY MANAGEMENT

- GS MANAGEMENT
- . **TERMINAL AREA ENERGY MANAGEMENT**
- RT DIGITAL TECHNIQUES
- SPACE SHUTTLE ORBITERS
- SPACE TRANSPORTATION
- SPACECRAFT LANDING

TERMINAL BALLISTICS

- UF PENETRATION BALLISTICS
- PROJECTILE PENETRATION
- TARGET PENETRATION
- GS BALLISTICS
- . **TERMINAL BALLISTICS**
- RT ENERGY TRANSFER
- FRAGMENTATION
- MISSILES
- PENETRATION
- PROJECTILES

TERMINAL CONFIGURED VEHICLE PROGRAM

- UF TCV PROGRAM
- GS PROGRAMS
- . NASA PROGRAMS
- . . **TERMINAL CONFIGURED VEHICLE PROGRAM**
- RT AIRCRAFT DESIGN
- AUTOMATIC CONTROL
- AUTOMATIC FLIGHT CONTROL
- AUTOMATIC LANDING CONTROL
- ELECTRONIC CONTROL
- FEEDBACK CONTROL
- ∞ VEHICLES

TERMINAL FACILITIES

- GS **TERMINAL FACILITIES**
- . SHIP TERMINALS
- RT ARTIFICIAL HARBORS
- DEEPWATER TERMINALS
- ∞ FACILITIES
- HARBORS
- OFFSHORE DOCKING
- OFFSHORE PLATFORMS
- SITE SELECTION
- TANKER TERMINALS
- ∞ TERMINALS
- TRANSPORTATION
- WHARVES

TERMINAL GUIDANCE

- GS GUIDANCE (MOTION)
- . **TERMINAL GUIDANCE**
- . . LASER GUIDANCE
- RT COMMAND GUIDANCE
- DESCENT TRAJECTORIES
- ENTRY GUIDANCE (STS)
- GLIDE PATHS
- HOMING
- INERTIAL GUIDANCE
- MIDCOURSE GUIDANCE
- REENTRY
- REENTRY GUIDANCE
- REENTRY TRAJECTORIES
- REENTRY VEHICLES
- RENDEZVOUS GUIDANCE
- SPACECRAFT GUIDANCE

TERMINAL VELOCITY

- GS RATES (PER TIME)
- . **TERMINAL VELOCITY**
- VELOCITY
- . **TERMINAL VELOCITY**

TERMINAL VELOCITY-(CONT.)

- RT GRAVITATION

∞ TERMINALS

- SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED—CONSULT THE TERMS LISTED BELOW)*
- RT CONNECTORS
- ELECTRIC TERMINALS
- ∞ HEADERS
- JUMPERS
- OUTLETS
- SHIP TERMINALS
- TERMINAL FACILITIES

TERMINATING

- USE STOPPING

TERMINATOR LINES

- RT ∞ LINES
- LUNAR PHASES
- ∞ PHASES
- SUNRISE
- SUNSET

TERMINOLOGY

- RT DICTIONARIES
- NOMENCLATURES
- THESAURI
- WORDS (LANGUAGE)

TERMS

- RT INFORMATION THEORY
- THESAURI

TERNARY ALLOYS

- GS ALLOYS
- . **TERNARY ALLOYS**
- . . ASTROLOY (TRADEMARK)

TERNARY SYSTEMS

- RT ALLOYS
- BINARY SYSTEMS (MATERIALS)
- SOLID SOLUTIONS
- ∞ SYSTEMS

TERNARY SYSTEMS (DIGITAL)

- USE DIGITAL SYSTEMS

TERPENES

- GS **TERPENES**
- . AZULENE
- . CAMPHOR
- . MECAMYLAMINE
- . MENTHOL
- . TURPENTINE
- RT ALKENES

TERPHENYLS

- GS PHENYLS
- . **TERPHENYLS**

TERRACES (LANDFORMS)

- GS LANDFORMS
- . **TERRACES (LANDFORMS)**
- . . PLATEAUS
- . . . ALLEGHENY PLATEAU (US)
- . . . COLORADO PLATEAU (US)
- . . . MESAS
- . . . BUTTES
- . . . PIEDMONTS
- . . . CENTRAL PIEDMONT (US)
- RT FORMATIONS
- MOUNTAINS

TERRADYNAMICS

- RT ∞ DYNAMICS
- EARTH SURFACE
- GEODYNAMICS
- PROJECTILES

TERRAIN

- UF LANDSCAPE
- GS TOPOGRAPHY
- . **TERRAIN**
- RT GEOMORPHOLOGY
- LANDFORMS
- LANDMARKS

TERRAIN ANALYSIS

- UF SATAN (SENSOR)
- RT ∞ ANALYZING
- EARTH RESOURCES
- EROS (SATELLITES)

TERRAIN CONTOUR MATCHING NAVIGATION SYSTEM

TERRAIN ANALYSIS-(CONT.)

GEOGRAPHIC APPLICATIONS PROGRAM
HOLOGRAMMETRY
MAPPING
NAP-OF-THE-EARTH NAVIGATION
PHOTOGRAMMETRY
RECONNAISSANCE
SATELLITE SURFACES
SOIL MAPPING
VIDEO LANDMARK ACQUISITION AND TRACKING

TERRAIN CONTOUR MATCHING NAVIGATION SYSTEM

USE TERCOM

TERRAIN FOLLOWING AIRCRAFT

GS TERRAIN FOLLOWING AIRCRAFT
RT . TSR-2 AIRCRAFT
AH-1G HELICOPTER
AH-63 HELICOPTER
AH-64 HELICOPTER
∞ AIRCRAFT
ATTACK AIRCRAFT
JET AIRCRAFT
LIGHT AIRCRAFT
∞ MILITARY AIRCRAFT
NAP-OF-THE-EARTH NAVIGATION
OBSERVATION AIRCRAFT
SH-34 HELICOPTER
∞ SUBSONIC AIRCRAFT
UTILITY AIRCRAFT

TERRESTRIAL DUST BELT

GS DUST
RT . TERRESTRIAL DUST BELT
∞ BELTS
COSMIC DUST
GEGENSCHNEID
METEOROID DUST CLOUDS
MICROMETEORIDS
ZODIACAL DUST

TERRESTRIAL MAGNETISM

USE GEOMAGNETISM

TERRESTRIAL PLANETS

GS CELESTIAL BODIES
PLANETS
... TERRESTRIAL PLANETS
... EARTH (PLANET)
... MARS (PLANET)
... MERCURY (PLANET)
... VENUS (PLANET)
RT CELESTIAL MECHANICS
PLANETARY ENVIRONMENTS
PLANETOLOGY
SOLAR SYSTEM

TERRESTRIAL RADIATION

SN (EXCLUDES ATMOSPHERIC RADIATION AND REFLECTED VISIBLE LIGHT)
UF EARTH RADIATION
GS ELECTROMAGNETIC RADIATION
RT . TERRESTRIAL RADIATION
ATMOSPHERIC RADIATION
EARTH (PLANET)
EARTH ALBEDO
EARTH RADIATION BUDGET
EXPERIMENT
EXTRATERRESTRIAL RADIATION
FAR INFRARED RADIATION
GREENHOUSE EFFECT
INFRARED RADIATION
NEAR INFRARED RADIATION
PLANETARY RADIATION
∞ RADIATION
TROPOSPHERIC RADIATION

TERRIER MISSILE

GS MISSILES
ANTIAIRCRAFT MISSILES
... TERRIER MISSILE
SURFACE TO AIR MISSILES
... TERRIER MISSILE
RT BUMBLEBEE PROJECT
MULTISTAGE ROCKET VEHICLES
SOLID PROPELLANT ROCKET ENGINES

TESSERAL HARMONICS

GS ANALYSIS (MATHEMATICS)
FUNCTIONAL ANALYSIS
... HARMONIC ANALYSIS
... TESSERAL HARMONICS
HARMONICS

TESSERAL HARMONICS-(CONT.)

RT TESSERAL HARMONICS
SATELLITE PERTURBATION

TEST BEDS

USE TEST EQUIPMENT

TEST CHAMBERS

UF ENVIRONMENTAL CHAMBERS
GS COMPARTMENTS
... TEST CHAMBERS
... ANECHOIC CHAMBERS
... PRESSURE CHAMBERS
... HYPERBARIC CHAMBERS
... VACUUM CHAMBERS
RT ∞ CAPSULES
∞ CHAMBERS
CRYOGENIC WIND TUNNELS
ENVIRONMENT MODELS
ENVIRONMENT SIMULATORS
ENVIRONMENTAL CONTROL
ENVIRONMENTAL LABORATORIES
ENVIRONMENTAL TESTS
THERMAL VACUUM TESTS
VACUUM TESTS
WIND TUNNELS

∞ TEST EQUIPMENT

SN (USE OF A MORE SPECIFIC TERM IS RECOMMENDED-CONSULT THE TERMS LISTED BELOW)
UF CHECKOUT EQUIPMENT
TEST BEDS
TESTERS
RT TESTING MACHINES
ANALYZERS
ASTRONICS
AUTOMATIC TEST EQUIPMENT
AVIONICS
∞ CAPSULES
CEFOAM CHECKOUT EQUIPMENT
CENTRIFUGES
CHECKOUT
DYNAMOMETERS
EARTH TERMINAL MEASUREMENT SYSTEM
ELECTRONIC EQUIPMENT TESTS
∞ EQUIPMENT
FATIGUE TESTING MACHINES
FREE FLIGHT TEST APPARATUS
FREQUENCY ANALYZERS
GEOPHYSICAL FLUID FLOW CELLS
GROUND SUPPORT EQUIPMENT
HYPERSONIC TEST APPARATUS
IMPACT TESTING MACHINES
LOAD TESTING MACHINES
MEASURING INSTRUMENTS
MONOSCOPES
ONBOARD EQUIPMENT
ROCKET PROPELLED SLEDS
SAMPLERS
SIMULATORS
SUPERSONIC TEST APPARATUS
TEST FACILITIES
TEST PATTERN GENERATORS
TEST STANDS
WIND TUNNEL MODELS
WIND TUNNELS

TEST FACILITIES

GS TEST FACILITIES
ANECHOIC CHAMBERS
CENTRAL ATLANTIC REGIONAL ECOL
TEST SITE
ENGINE TESTING LABORATORIES
ENVIRONMENTAL LABORATORIES
HYDRAULIC TEST TUNNELS
ROCKET TEST FACILITIES
TEST RANGES
... BALLISTIC RANGES
... MISSILE RANGES
TEST STANDS
TRANSIENT REACTOR TEST FACILITY
WIND TUNNELS
... BLOWDOWN WIND TUNNELS
... COMBUSTION WIND TUNNELS
... CRYOGENIC WIND TUNNELS
... HYPERSONIC WIND TUNNELS
... CASCADE WIND TUNNELS
... HOTSHOT WIND TUNNELS
... PLASMA JET WIND TUNNELS
... SHOCK TUNNELS
... HYPERVELOCITY WIND TUNNELS
... CASCADE WIND TUNNELS
... HOTSHOT WIND TUNNELS

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TEST FACILITIES-(CONT.)

... PLASMA JET WIND TUNNELS
... SHOCK TUNNELS
... LOW DENSITY WIND TUNNELS
... LOW SPEED WIND TUNNELS
... SUBSONIC WIND TUNNELS
... RECTANGULAR WIND TUNNELS
... SLOTTED WIND TUNNELS
... SUPERSONIC WIND TUNNELS
... TRANSONIC WIND TUNNELS
... TRISONIC WIND TUNNELS
RT ARIZONA REGIONAL ECOLOGICAL TEST SITE
∞ FACILITIES
FLIGHT SIMULATORS
LABORATORIES
MODELS
MOTION SIMULATORS
RESEARCH FACILITIES
SHOCK TUBES
SIMULATORS
SOLAR SIMULATORS
SPACECRAFT CABIN SIMULATORS
∞ TEST EQUIPMENT
∞ TESTS

TEST FIRING

GS FIRING (IGNITING)
TEST FIRING
... STATIC FIRING
RT ENGINE TESTS
FUEL TESTS
GROUND TESTS
MISSILE TESTS
PREFIRING TESTS
PRELAUNCH TESTS
ROCKET FIRING
ROCKET TEST FACILITIES
STATIC TESTS
∞ TESTS

TEST PATTERN GENERATORS

RT ∞ FAULTS
∞ GENERATORS
∞ PATTERNS
∞ TEST EQUIPMENT

TEST PILOTS

GS PERSONNEL
FLYING PERSONNEL
... PILOTS (PERSONNEL)
... AIRCRAFT PILOTS
... TEST PILOTS
... OPERATORS (PERSONNEL)
... PILOTS (PERSONNEL)
... AIRCRAFT PILOTS
... TEST PILOTS
RT ∞ PILOTS

TEST RANGES

GS RANGES (FACILITIES)
TEST RANGES
... BALLISTIC RANGES
... MISSILE RANGES
TEST FACILITIES
TEST RANGES
... BALLISTIC RANGES
... MISSILE RANGES
RT DOWNRANGE
DOWNRANGE MEASUREMENT
RANGE SAFETY
ROCKET TEST FACILITIES

TEST STANDS

GS TEST FACILITIES
TEST STANDS
RT ENGINE TESTS
FLAME DEFLECTORS
PREFIRING TESTS
PRELAUNCH TESTS
ROCKET TEST FACILITIES
∞ TEST EQUIPMENT

TEST VEHICLES

GS TEST VEHICLES
FLIGHT TEST VEHICLES
RT ∞ AIRCRAFT
ALTITUDE TESTS
∞ BALLISTIC VEHICLES
∞ CAPSULES
ELECTRIC MOTOR VEHICLES
HIGH ALTITUDE TESTS
HYPERSONIC VEHICLES
LAUNCH VEHICLES
MISSILE TESTS

TEST VEHICLES-(CONT.)

MISSILES
 REENTRY VEHICLES
 RESEARCH AIRCRAFT
 ROCKET VEHICLES
 ∞ SPACECRAFT
 ∞ TESTS
 TOWED BODIES
 ∞ VEHICLES

TESTERS

USE TEST EQUIPMENT

TESTES

GS ANATOMY
 . GENITOURINARY SYSTEM
 . . TESTES
 . GLANDS (ANATOMY)
 . . SEX GLANDS
 . . . TESTES
 . ORGANS
 . . TESTES
 REPRODUCTIVE SYSTEMS
 . TESTES
 VISCERA
 . ORGANS
 . . TESTES
 . SEX GLANDS
 . . TESTES

TESTING

USE TESTS

TESTING MACHINES

USE TEST EQUIPMENT

TESTING TIME

GS TIME
 . TESTING TIME
 RT BURNING TIME
 ENGINE TESTS
 FATIGUE TESTS
 FLIGHT TIME
 ∞ TESTS
 TURNAROUND (STS)
 WINDOWS (INTERVALS)

∞ TESTS

SN *(USE OF A MORE SPECIFIC TERM IS
 RECOMMENDED—CONSULT THE TERMS
 LISTED BELOW)*
 UF PRETESTS
 TESTING
 RT ACCELERATED LIFE TESTS
 ACCEPTABILITY
 ACCURACY
 ADHESION TESTS
 ALTITUDE TESTS
 APPROACH AND LANDING TESTS (STS)
 CAPTIVE TESTS
 CHECKOUT
 CHEMICAL ANALYSIS
 CHEMICAL TESTS
 COMPRESSION TESTS
 CONFIDENCE LIMITS
 CORROSION TEST LOOPS
 CREW PROCEDURES (INFLIGHT)
 CREW PROCEDURES (PREFLIGHT)
 DESTRUCTIVE TESTS
 DROP TESTS
 EDUCATION
 ELECTRIC EQUIPMENT TESTS
 ELECTRONIC EQUIPMENT TESTS
 EMPLOYMENT
 ENGINE TESTS
 ENVIRONMENTAL TESTS
 ERRORS
 EVALUATION
 EXAMINATION
 EXTRAPOLATION
 FATIGUE TESTS
 FLIGHT TESTS
 FUEL TESTS
 FULL SCALE TESTS
 GROUND TESTS
 HARDNESS TESTS
 HIGH ALTITUDE TESTS
 IMPACT TESTS
 LABORATORIES
 LOAD TESTS
 LUBRICANT TESTS
 MEDIAN (STATISTICS)
 MISSILE TESTS
 NONDESTRUCTIVE TESTS
 NOTCH TESTS

TESTS-(CONT.)

PATCH TESTS
 PERFORMANCE TESTS
 PERSONALITY TESTS
 PHYSIOLOGICAL TESTS
 PREFLIGHT ANALYSIS
 PROGRAM VERIFICATION (COMPUTERS)
 PROPELLANT TESTS
 PROVING
 PSYCHOLOGICAL TESTS
 QUALIFICATIONS
 QUALITY
 QUALITY CONTROL
 RAILROAD HUMMING TESTS
 REACTOR STARTUP TESTS
 RECORDS
 RELIABILITY
 RESONANCE TESTING
 SALT SPRAY TESTS
 SAMPLING
 SELECTION
 SHOCK TESTS
 SPACE TRANSPORTATION SYSTEM
 FLIGHTS
 SPACE VEHICLE CHECKOUT PROGRAM
 SPIN TESTS
 STABILITY TESTS
 STATIC TESTS
 STATISTICAL TESTS
 STROKING TESTS
 TASKS
 TEST FACILITIES
 TEST FIRING
 TEST VEHICLES
 TESTING TIME
 THERMAL CYCLING TESTS
 THERMAL VACUUM TESTS
 ULTRASONIC TESTS
 VACUUM TESTS
 VIBRATION TESTS
 WEAR TESTS
 WELD TESTS
 WIND TUNNEL TESTS
 WING FLOW METHOD TESTS
 X RAY INSPECTION

TETHERED BALLOONS

UF KITE BALLOONS
 GS EXPANDABLE STRUCTURES
 . INFLATABLE STRUCTURES
 . . BALLOONS
 . . . TETHERED BALLOONS
 RT METEOROLOGICAL BALLOONS

TETHERED SATELLITES

GS SATELLITES
 . ARTIFICIAL SATELLITES
 . . TETHERED SATELLITES
 . EARTH SATELLITES
 . . TETHERED SATELLITES

TETHERING

RT ORBITAL RENDEZVOUS
 TETHERLINES

TETHERLINES

RT ANCHORS (FASTENERS)
 ∞ CABLES
 ∞ LINES
 TETHERING
 UMBILICAL CONNECTORS

TETHYS

GS SATELLITES
 . NATURAL SATELLITES
 . . SATURN SATELLITES
 . . . TETHYS
 RT SATURN (PLANET)

TETRABUTYLS

GS ALIPHATIC COMPOUNDS
 . TETRABUTYLS

TETRACHLORIDES

GS HALOGEN COMPOUNDS
 . CHLORINE COMPOUNDS
 . . CHLORIDES
 . . . TETRACHLORIDES
 . HALIDES
 . . CHLORIDES
 . . . TETRACHLORIDES

TETRACHLOROMETHANE

USE CARBON TETRACHLORIDE

TETRACYCLINES

GS DRUGS
 . ANTIBIOTICS
 . . TETRACYCLINES
 HETEROCYCLIC COMPOUNDS
 . TETRACYCLINES
 STEROIDS
 . TETRACYCLINES

TETRAD THEORY

RT CHROMOSOMES
 MIOSIS
 SPORES

TETRAETHYL ORTHOCARBONATES

GS CARBON COMPOUNDS
 . CARBONATES
 . . TETRAETHYL ORTHOCARBONATES

TETRAETHYL ORTHOSILICATE

GS ADHESIVES
 . TETRAETHYL ORTHOSILICATE
 RT ETHYL COMPOUNDS
 GLUES
 SILICATES

TETRAFLUOROHYDRAZINE

GS ALIPHATIC COMPOUNDS
 . HYDRAZINES
 . . TETRAFLUOROHYDRAZINE
 AMINES
 . TETRAFLUOROHYDRAZINE

TETRAGONS

UF QUADRANGLES
 GS GEOMETRY
 . EUCLIDEAN GEOMETRY
 . . POLYGONS
 . . . TETRAGONS
 PARALLELOGRAMS
 RHOMBOIDS
 RECTANGLES
 SQUARES (MATHEMATICS)
 TRAPEZOIDS

TETRAHEDRONS

GS GEOMETRY
 . EUCLIDEAN GEOMETRY
 . . POLYHEDRONS
 . . . TETRAHEDRONS
 RT TRIANGLES

TETRAHYDROFURAN

UF BUTYLENE OXIDES
 GS HETEROCYCLIC COMPOUNDS
 . FURANS
 . . TETRAHYDROFURAN
 ORGANIC COMPOUNDS
 . FURANS
 . . TETRAHYDROFURAN
 SOLVENTS
 . TETRAHYDROFURAN
 RT ADDITIVES
 ∞ CHEMICAL COMPOUNDS
 PLASTICS
 POLYVINYL CHLORIDE

TETRANITROTETRAZACYCLOOCTANE

USE HMX

TETRAPHENYLS

GS PHENYLS
 . POLYPHENYLS
 . . TETRAPHENYLS

TETRAZOLES

GS HETEROCYCLIC COMPOUNDS
 . TETRAZOLES

TETRODES

RT ELECTRON TUBES
 PENTODES
 SEMICONDUCTOR DEVICES
 TRANSISTORS
 TRIODES

TETROONS

USE SUPERPRESSURE BALLOONS

TETRYL

GS AMINES
 . TETRYL
 EXPLOSIVES
 . TETRYL

TEXAS

TETRYL-(CONT.)

NITROGEN COMPOUNDS
 . NITRO COMPOUNDS
 . . **TETRYL**
 PROPELLANTS
 . **TETRYL**

TEXAS

GS UNITED STATES OF AMERICA
 . **TEXAS**
 RT GULF OF MEXICO
 HOUSTON (TX)
 LAKE TEXOMA (OK-TX)
 RIO GRANDE (NORTH AMERICA)

TEXTBOOKS

GS DOCUMENTS
 . **TEXTBOOKS**
 RT EDUCATION
 HANDBOOKS
 KNOWLEDGE
 LEARNING
 LIBRARIES
 MANUALS
 SUBJECTS

TEXTILES

GS **TEXTILES**
 . COTTON FIBERS
 . LINEN
 . RAYON
 RT CLOTHING
 COTTON
 FABRICS
 FIBERS
 VAPOR BARRIER CLOTHING
 WET SPINNING

TEXTS

GS DOCUMENTS
 . **TEXTS**
 RT FORMAT
 RECORDS

TEXTURES

RT CURL (MATERIALS)
 FINENESS
 MECHANICAL PROPERTIES
 POROSITY
 SURFACE PROPERTIES

TF-30 ENGINE

GS AIRCRAFT ENGINES
 . **TF-30 ENGINE**
 ENGINES
 . INTERNAL COMBUSTION ENGINES
 . . GAS TURBINE ENGINES
 . . . JET ENGINES
 TURBOJET ENGINES
 TURBOFAN ENGINES
 **TF-30 ENGINE**
 . TURBINE ENGINES
 . . GAS TURBINE ENGINES
 . . . JET ENGINES
 TURBOJET ENGINES
 TURBOFAN ENGINES
 **TF-30 ENGINE**

TF-34 ENGINE

GS AIRCRAFT ENGINES
 . **TF-34 ENGINE**

TF-41 ENGINE

GS AIRCRAFT ENGINES
 . **TF-41 ENGINE**
 ENGINES
 . AIR BREATHING ENGINES
 . . GAS TURBINE ENGINES
 . . . JET ENGINES
 TURBOJET ENGINES
 TURBOFAN ENGINES
 **TF-41 ENGINE**
 . INTERNAL COMBUSTION ENGINES
 . . GAS TURBINE ENGINES
 . . . JET ENGINES
 TURBOJET ENGINES
 TURBOFAN ENGINES
 **TF-41 ENGINE**
 . TURBINE ENGINES
 . . GAS TURBINE ENGINES
 . . . JET ENGINES
 TURBOJET ENGINES
 TURBOFAN ENGINES
 **TF-41 ENGINE**

TF-106 ENGINE

GS ENGINES
 . AIR BREATHING ENGINES
 . . GAS TURBINE ENGINES
 . . . JET ENGINES
 TURBOJET ENGINES
 TURBOFAN ENGINES
 **TF-106 ENGINE**
 . INTERNAL COMBUSTION ENGINES
 . . GAS TURBINE ENGINES
 . . . JET ENGINES
 TURBOJET ENGINES
 TURBOFAN ENGINES
 **TF-106 ENGINE**
 . TURBINE ENGINES
 . . GAS TURBINE ENGINES
 . . . JET ENGINES
 TURBOJET ENGINES
 TURBOFAN ENGINES
 **TF-106 ENGINE**
 RT VERTICAL TAKEOFF AIRCRAFT

TFX AIRCRAFT

USE F-111 AIRCRAFT

TH-55 HELICOPTER

GS HUGHES AIRCRAFT
 . **TH-55 HELICOPTER**
 V/STOL AIRCRAFT
 . ROTARY WING AIRCRAFT
 . . HELICOPTERS
 . . . **TH-55 HELICOPTER**

THAILAND

RT ASIA
 NATIONS

THALAMUS

GS NERVOUS SYSTEM
 . CENTRAL NERVOUS SYSTEM
 . . **THALAMUS**
 RT BRAIN

THALLIUM

GS CHEMICAL ELEMENTS
 . **THALLIUM**
 . . THALLIUM ISOTOPES
 METALS
 . **THALLIUM**
 . . THALLIUM ISOTOPES
 RT THALLIUM COMPOUNDS

THALLIUM ALLOYS

GS ALLOYS
 . **THALLIUM ALLOYS**

THALLIUM COMPOUNDS

RT ∞ COMPOUNDS
 ∞ METAL COMPOUNDS
 THALLIUM

THALLIUM ISOTOPES

GS CHEMICAL ELEMENTS
 . **THALLIUM**
 . . **THALLIUM ISOTOPES**
 METALS
 . **THALLIUM**
 . . **THALLIUM ISOTOPES**

THAWING

USE MELTING

THEMATIC MAPPING

GS MAPPING
 . **THEMATIC MAPPING**
 RT CADASTRAL MAPPING
 MAPS
 PHOTO GEOLOGY
 PHOTOMAPPING
 PHOTOMAPS

THEMIS PROJECT

GS PROGRAMS
 . PROJECTS
 . . **THEMIS PROJECT**

THEODOLITES

GS . MEASURING INSTRUMENTS
 . OPTICAL MEASURING INSTRUMENTS
 . . TRANSITS
 . . . **THEODOLITES**
 CINETHEODOLITES
 OPTICAL EQUIPMENT
 . OPTICAL MEASURING INSTRUMENTS

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THEODOLITES-(CONT.)

. . TRANSITS
 . . . **THEODOLITES**
 CINETHEODOLITES
 RT SEXTANTS

THEODORSEN TRANSFORMATION

RT AIRFOIL PROFILES
 COMPLEX VARIABLES
 CONFORMAL MAPPING
 COORDINATE TRANSFORMATIONS
 JOUKOWSKI TRANSFORMATION
 PRESSURE DISTRIBUTION

THEOREM PROVING

GS PROBLEM SOLVING
 . **THEOREM PROVING**
 PROVING
 . **THEOREM PROVING**
 RT ARTIFICIAL INTELLIGENCE
 COMPUTER PROGRAMMING
 THEOREMS

THEOREMS

UF LEMMAS
 GS **THEOREMS**
 . ADDITION THEOREM
 . BAYES THEOREM
 . BERNOULLI THEOREM
 . BINOMIAL THEOREM
 . CASTIGLIANO VARIATIONAL THEOREM
 . EXISTENCE THEOREMS
 . FLOUQUET THEOREM
 . FOULIS THEOREM
 . GAUSS-MARKOV THEOREM
 . HELLMANN-FEYNMAN THEOREM
 . KAKUTANI THEOREM
 . LEBESGUE THEOREM
 . LIOUVILLE THEOREM
 . MICHELL THEOREM
 . POMERANCHUK THEOREM
 . POYNTING THEOREM
 . RECIPROCAL THEOREMS
 . RICHARDS THEOREM
 . RIESZ THEOREM
 . SCHAUDER FIXPOINT THEOREM
 . SIMILARITY THEOREM
 . . LAGRANGE SIMILARITY HYPOTHESIS
 . STOKES THEOREM (VECTOR
 CALCULUS)
 . UNIQUENESS THEOREM
 RT DUALITY THEOREM
 HYPOTHESES
 MATHEMATICAL LOGIC
 ∞ MATHEMATICS
 TAYLOR SERIES
 THEOREM PROVING

THEORETICAL PHYSICS

GS **THEORETICAL PHYSICS**
 . BOHR THEORY
 . CHARM (PARTICLE PHYSICS)
 . NEWTON THEORY
 . QUANTUM THEORY
 RT ASTROPHYSICS
 BROKEN SYMMETRY
 ELECTROPHYSICS
 GEOPHYSICS
 NAKED SINGULARITIES
 NUCLEAR PHYSICS
 ∞ PHYSICS
 PLASMA PHYSICS
 RADIO PHYSICS
 ∞ SOLID STATE PHYSICS
 YANG-MILLS THEORY

∞ THEORIES

SN (USE OF A MORE SPECIFIC TERM IS
 RECOMMENDED--CONSULT THE TERMS
 LISTED BELOW)
 RT ABRIKOSOV THEORY
 ASSUMPTIONS
 ATOMIC THEORY
 BENDING THEORY
 BESSEL-BREDICHIN THEORY
 BIMETRIC THEORIES
 BOGOLIUBOV THEORY
 BOHR THEORY
 BORN-INFELD THEORY
 CATASTROPHE THEORY
 COMMUNICATION THEORY
 CONTROL THEORY
 CROCCO-LEE THEORY
 DEBYE-HUCKEL THEORY
 DECISION THEORY

THEORIES-(CONT.)

DIFFUSION THEORY
 DYNAMO THEORY
 DYSON THEORY
 EYRING THEORY
 FIELD MODE THEORY
 FIELD THEORY (ALGEBRA)
 FIELD THEORY (PHYSICS)
 FINITE DIFFERENCE THEORY
 FLOW THEORY
 FLUCTUATION THEORY
 FOSTER THEORY
 GAME THEORY
 GAUGE THEORY
 GESTALT THEORY
 GLAUBER THEORY
 GOAL THEORY
 GRAPH THEORY
 GRAVITATION THEORY
 GRIFFITH CRACK
 GROUP THEORY
 HANSEN LUNAR THEORY
 HEISENBERG THEORY
 HILL LUNAR THEORY
 HOMOTOPY THEORY
 HUECKEL THEORY
 HYPOTHESES
 INFORMATION THEORY
 JEANS THEORY
 KINETIC THEORY
 KOLMOGOROFF THEORY
 MALKUS THEORY
 MATRIX THEORY
 MICHAELIS THEORY
 MOLECULAR THEORY
 MOMENTUM THEORY
 NEEMAN-GELLMAN THEORY
 NEWTON THEORY
 NONADIABATIC THEORY
 NUMBER THEORY
 NUMERICAL DIFFERENTIATION
 OPIK THEORY
 ORTHOGONAL MULTIPLEXING THEORY
 PARTICLE THEORY
 PERTURBATION THEORY
 PHYSICAL OPTICS
 POPULATION THEORY
 POTENTIAL THEORY
 PROBABILITY THEORY
 QUANTUM CHROMODYNAMICS
 QUANTUM THEORY
 QUEUEING THEORY
 REISSNER THEORY
 S MATRIX THEORY
 SET THEORY
 SHELL THEORY
 SPECTRAL THEORY
 STURM-LIOUVILLE THEORY
 SWITCHING THEORY
 TRANSPORT THEORY

THERAPY

GS **THERAPY**
 . CHEMOTHERAPY
 . MASSAGING
 . PSYCHOTHERAPY
 . RADIATION THERAPY
 RT CURES
 DISEASES
 HEALING
 MEDICAL EQUIPMENT
 PATIENTS
 RESPIRATORS
 SKIN GRAFTS

THERMAL ABSORPTION

GS ENERGY ABSORPTION
 . **THERMAL ABSORPTION**
 . . POLAR CAP ABSORPTION
 RT ABLATION
 ∞ ABSORPTION
 . ATMOSPHERIC ATTENUATION
 CHARRING
 GRAY GAS
 HEAT SINKS
 PYROLYSIS

THERMAL ACCOMMODATION COEFFICIENTS

USE ACCOMMODATION COEFFICIENT

THERMAL AGITATION

USE THERMAL ENERGY

THERMAL BATTERIES

GS ELECTRIC GENERATORS

THERMAL BATTERIES-(CONT.)

. DIRECT POWER GENERATORS
 . . PRIMARY BATTERIES
 . . . **THERMAL BATTERIES**
 ELECTROCHEMICAL CELLS
 . ELECTRIC BATTERIES
 . . PRIMARY BATTERIES
 . . . **THERMAL BATTERIES**
 RT ALKALINE BATTERIES
 DRY CELLS

THERMAL BLOOMING

UF LASER BEAM DEFOCUSING
 THERMAL DEFOCUSING
 RT LASER CUTTING
 LASER HEATING
 LASER OUTPUTS
 LASERS
 PHOTON BEAMS

THERMAL BOUNDARY LAYER

GS BOUNDARY LAYERS
 . **THERMAL BOUNDARY LAYER**
 RT HYPERSONIC BOUNDARY LAYER
 LAMINAR BOUNDARY LAYER
 TURBULENT BOUNDARY LAYER

THERMAL BUCKLING

GS BUCKLING
 . **THERMAL BUCKLING**
 THERMODYNAMIC PROPERTIES
 . THERMAL EXPANSION
 . . **THERMAL BUCKLING**
 RT EXPANSION
 TEMPERATURE EFFECTS

THERMAL COMFORT

RT HEAT STROKE
 THERMAL ENVIRONMENTS

THERMAL CONDUCTIVITY

GS THERMODYNAMIC PROPERTIES
 . THERMOPHYSICAL PROPERTIES
 . . **THERMAL CONDUCTIVITY**
 TRANSPORT PROPERTIES
 . **THERMAL CONDUCTIVITY**
 RT AIR CONDUCTIVITY
 ATMOSPHERIC CONDUCTIVITY
 CONDUCTIVE HEAT TRANSFER
 ∞ CONDUCTIVITY
 . FOURIER LAW
 HOT-WIRE FLOWMETERS
 LEWIS NUMBERS
 SPECIFIC HEAT
 TEMPERATURE
 THERMOHYDRAULICS

THERMAL CONDUCTIVITY GAGES

SN (GAGES FOR MEASURING THERMAL
 CONDUCTIVITY--EXCLUDES GAGES
 USING THERMAL CONDUCTIVITY TO
 MEASURE OTHER PROPERTIES OR
 VARIABLES)
 GS MEASURING INSTRUMENTS
 . **THERMAL CONDUCTIVITY GAGES**

THERMAL CONDUCTORS

GS CONDUCTORS
 . **THERMAL CONDUCTORS**
 RT ∞ CONDUCTION
 CONDUCTIVE HEAT TRANSFER
 ELECTRIC CONDUCTORS

THERMAL CONTROL COATINGS

GS COATINGS
 . **THERMAL CONTROL COATINGS**
 RT ABLATIVE MATERIALS
 HEAT SHIELDING
 REENTRY SHIELDING
 REUSABLE HEAT SHIELDING
 TEMPERATURE CONTROL

THERMAL CONVECTION

USE FREE CONVECTION

THERMAL CURRENTS

USE CONVECTIVE FLOW

THERMAL CYCLING TESTS

RT CLOSED CYCLES
 COOLING
 FATIGUE TESTS
 HEATING
 TEMPERATURE

THERMAL CYCLING TESTS-(CONT.)

TEMPERATURE CONTROL
 ∞ TESTS
 THERMODYNAMIC PROPERTIES

THERMAL DECOMPOSITION

GS CHEMICAL REACTIONS
 . **THERMAL DECOMPOSITION**
 . . PYROLYSIS
 DECOMPOSITION
 . **THERMAL DECOMPOSITION**
 RT ABLATION
 ENDOTHERMIC REACTIONS
 EXOTHERMIC REACTIONS
 THERMOCHEMISTRY
 THERMOGRAVIMETRY

THERMAL DEFOCUSING

USE THERMAL BLOOMING

THERMAL DEGRADATION

GS DEGRADATION
 . **THERMAL DEGRADATION**
 STERILIZATION EFFECTS
 . **THERMAL DEGRADATION**
 RT PYROLYSIS
 TEMPERATURE EFFECTS

THERMAL DIFFUSION

GS DIFFUSION
 . **THERMAL DIFFUSION**
 THERMODYNAMIC PROPERTIES
 . THERMOPHYSICAL PROPERTIES
 . . **THERMAL DIFFUSION**
 RT CHAPMAN-ENSKOG THEORY
 ∞ CONDUCTION
 . CONVECTIVE FLOW
 ELECTRON DIFFUSION
 GAS HEATING
 GASEOUS DIFFUSION
 HEAT TRANSFER
 KIRKENDALL EFFECT
 PECLET NUMBER
 ∞ SEPARATION
 . SORET COEFFICIENT
 SURFACE DIFFUSION
 THERMOCHEMISTRY
 THERMOHYDRAULICS
 VISCOSITY

THERMAL DIFFUSIVITY

GS THERMODYNAMIC PROPERTIES
 . THERMOPHYSICAL PROPERTIES
 . . **THERMAL DIFFUSIVITY**
 TRANSPORT PROPERTIES
 . **THERMAL DIFFUSIVITY**
 RT VISCOSITY

THERMAL DISSOCIATION

GS CHEMICAL REACTIONS
 . **THERMAL DISSOCIATION**
 DISSOCIATION
 . **THERMAL DISSOCIATION**
 RT CRACKING (CHEMICAL ENGINEERING)
 DECOMPOSITION
 DEGRADATION
 GAS DISSOCIATION
 HEAT OF DISSOCIATION
 HYDROGEN PRODUCTION
 IONIZATION
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 TEMPERATURE EFFECTS

THERMAL EFFECTS

USE TEMPERATURE EFFECTS

THERMAL EFFICIENCY

USE THERMODYNAMIC EFFICIENCY

THERMAL EMISSION

GS DECAY
 . EMISSION
 . . **THERMAL EMISSION**
 . . . THERMIONIC EMISSION
 RT ELECTRON EMISSION
 EMISSIVITY
 EXHAUST EMISSION
 INCANDESCENCE
 INFRARED ABSORPTION

THERMAL ENERGY

UF THERMAL AGITATION
 RT COGENERATION
 ∞ ENERGY

THERMAL ENERGY STORAGE

THERMAL ENERGY-(CONT.)

FREE ENERGY
GEOTHERMAL ENERGY CONVERSION
GEOTHERMAL RESOURCES
HEAT
HEAT OF FUSION
HEAT OF SOLUTION
INTERNAL ENERGY
KINETIC ENERGY
LATTICE VIBRATIONS
PHOTOTHERMAL CONVERSION

THERMAL ENERGY STORAGE

USE HEAT STORAGE

THERMAL ENVIRONMENTS

GS ENVIRONMENTS
RT . THERMAL ENVIRONMENTS
ADIABATIC CONDITIONS
AEROSPACE ENVIRONMENTS
HEAT STROKE
HIGH TEMPERATURE ENVIRONMENTS
LIFE SUPPORT SYSTEMS
LOW TEMPERATURE ENVIRONMENTS
LUNAR ENVIRONMENT
PLANETARY ENVIRONMENTS
SATELLITE TEMPERATURE
SPACECRAFT ENVIRONMENTS
THERMAL COMFORT

THERMAL EXPANSION

GS EXPANSION
RT . THERMAL EXPANSION
THERMODYNAMIC PROPERTIES
THERMAL EXPANSION
THERMAL BUCKLING
BOUSSINESQ APPROXIMATION
DILATOMETRY
EXTENSOMETERS
GRUNEISEN CONSTANT
HEAT TRANSFER
HIGH TEMPERATURE TESTS
LOW TEMPERATURE TESTS
NEEL TEMPERATURE
PHYSICAL PROPERTIES
TEMPERATURE
THERMOPHYSICAL PROPERTIES
WARPAGE

THERMAL FATIGUE

GS FATIGUE (MATERIALS)
RT . THERMAL FATIGUE
HIGH TEMPERATURE ENVIRONMENTS
METAL FATIGUE

THERMAL INSTABILITY

GS THERMODYNAMIC PROPERTIES
RT . THERMAL INSTABILITY
CLEAR AIR TURBULENCE
COMBUSTION STABILITY
MAGNETOHYDRODYNAMIC STABILITY
PYROLYSIS
SPUTTERING
STELLARATORS

THERMAL INSULATION

GS INSULATION
RT . THERMAL INSULATION
AIR CONDITIONING
AMBERLITE (TRADEMARK)
ASBESTOS
CORK (MATERIALS)
CRYOGENIC FLUID STORAGE
HEAT
HEAT SHIELDING
HEAT SINKS
HEAT TRANSFER
HEAT TRANSMISSION
HEATING EQUIPMENT
REENTRY SHIELDING
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GS REGENERATORS
THERMOSIPHONS
RT CONVECTIVE HEAT TRANSFER
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THERMOSPHERE

GS EARTH ATMOSPHERE
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RT CHEMOSPHERE
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GS PINCH EFFECT
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GS WALLS
. **THICK WALLS**
RT BOILER PLATE
BULKHEADS
REINFORCEMENT (STRUCTURES)
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THIN WALLS
WALL PRESSURE
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SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)*
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RT AIRFOIL PROFILES
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GS RATIOS
. **THICKNESS RATIO**
RT AIRFOIL PROFILES
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GS ANATOMY
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. **THIN AIRFOILS**
. . THIN WINGS
. . . INFINITE SPAN WINGS
RT AIRFOIL PROFILES
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THIN BODIES

SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)*
RT SLENDER BODIES
THIN PLATES
THIN WALLS
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GS **THIN FILMS**
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. FERROMAGNETIC FILMS
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RT COATINGS
COMPUTER STORAGE DEVICES
ELECTRODE FILM BARRIERS
. FILMS
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ION PLATING
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GS CHROMATOGRAPHY
. **THIN LAYER CHROMATOGRAPHY**
RT GAS CHROMATOGRAPHY
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SN (EXCLUDES THIN SURFACE COATINGS AND FILMS)
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FOILS (MATERIALS)
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GS SHELLS (STRUCTURAL FORMS)
. **THIN WALLED SHELLS**
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GS WALLS
. **THIN WALLS**
RT BULKHEADS
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GS AIRFOILS
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. . **THIN WINGS**
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. . **THIN WINGS**
. . . INFINITE SPAN WINGS
RT AIRFOIL PROFILES
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. THIN BODIES
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THINNERS

USE SOLVENTS

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GS ALIPHATIC COMPOUNDS
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. **THIOLS**
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. . . **THIOPLASTICS**
RT PLASTICS
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THIOUREAS

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. AMIDES
. . UREAS
. . . **THIOUREAS**
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THIURONIUM

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. **THIURONIUM**
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. . UREAS
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GELS
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∞ PHYSICAL PROPERTIES
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UF THOMAS-FERMI THEORY
GS MODELS
. MATHEMATICAL MODELS
. THOMAS-FERMI MODEL
RT ATOMIC STRUCTURE
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THOMSON EFFECT

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GS SCATTERING
. WAVE SCATTERING
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. THOR ABLE ROCKET VEHICLE
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. THOR ABLE ROCKET VEHICLE
RT EXPLORER 6 SATELLITE
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GS LAUNCH VEHICLES
. THOR LAUNCH VEHICLES
. THOR AGENA LAUNCH VEHICLE
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ROCKET VEHICLES
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. THOR AGENA LAUNCH VEHICLE
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AGENA B RANGER PROGRAM
AGENA ROCKET VEHICLES
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OGO-3
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UF ECHO 1 CARRIER ROCKET
GS LAUNCH VEHICLES
. THOR LAUNCH VEHICLES
. THOR DELTA LAUNCH VEHICLE
. THORAD LAUNCH VEHICLES
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. THOR LAUNCH VEHICLES
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THORAD LAUNCH VEHICLES

GS LAUNCH VEHICLES
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. THOR DELTA LAUNCH VEHICLE
RT LIQUID PROPELLANT ROCKET ENGINES
THOR LAUNCH VEHICLES

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RT CHEST
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STERNUM

THORIUM

GS CHEMICAL ELEMENTS
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. THORIUM
. THORIUM ISOTOPES
METALS
. ACTINIDE SERIES
. THORIUM
. THORIUM ISOTOPES
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THORIUM ALLOYS

GS ALLOYS
. THORIUM ALLOYS
RT NUCLEAR FUELS

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GS ACTINIDE SERIES COMPOUNDS
. THORIUM COMPOUNDS
. THORIUM FLUORIDES
. THORIUM OXIDES
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∞ METAL COMPOUNDS
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THORIUM FLUORIDES

GS ACTINIDE SERIES COMPOUNDS
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. THORIUM FLUORIDES
HALOGEN COMPOUNDS
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. THORIUM FLUORIDES
. HALIDES
. METAL HALIDES
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THORIUM ISOTOPES

UF THORIUM 228
THORIUM 230
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GS CHEMICAL ELEMENTS
. ACTINIDE SERIES
. THORIUM
. THORIUM ISOTOPES
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THREE DIMENSIONAL FLOW

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. ACTINIDE SERIES
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. . . THORIUM ISOTOPES

THORIUM OXIDES

GS ACTINIDE SERIES COMPOUNDS
. THORIUM COMPOUNDS
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USE THORIUM ISOTOPES

THORIUM 230

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THORIUM 234

USE THORIUM ISOTOPES

THORON

USE RADON ISOTOPES

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SN (EXCLUDES TEXTILES AND
FILAMENTARY FORMS)
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NUTS (FASTENERS)
SCREWS

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RT AIRCRAFT HAZARDS
AIRCRAFT SAFETY
COLLISION AVOIDANCE
MIDAIR COLLISIONS
RADAR TRACKING
WARNING SYSTEMS

THREE AXIS STABILIZATION

GS STABILIZATION
. THREE AXIS STABILIZATION
RT INERTIAL PLATFORMS
SATELLITE ATTITUDE CONTROL
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STABILIZED PLATFORMS

THREE BODY PROBLEM

RT CELESTIAL MECHANICS
FOUR BODY PROBLEM
MANY BODY PROBLEM
ORBITS
PERTURBATION
∞ PROBLEMS
TROJAN ORBITS
TWO BODY PROBLEM

THREE DIMENSIONAL BOUNDARY LAYER

GS BOUNDARY LAYERS
. THREE DIMENSIONAL BOUNDARY
LAYER
RT AXISYMMETRIC FLOW
BOUNDARY LAYER TRANSITION
COMPRESSIBLE BOUNDARY LAYER
LAMINAR BOUNDARY LAYER
∞ LAYERS
SECONDARY FLOW
TURBULENT BOUNDARY LAYER
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THREE DIMENSIONAL COMPOSITES

GS COMPOSITE MATERIALS
. THREE DIMENSIONAL COMPOSITES
RT FIBER COMPOSITES
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GS FLUID FLOW
. PARALLEL FLOW
. THREE DIMENSIONAL FLOW
TRANSLATIONAL MOTION
. THREE DIMENSIONAL MOTION
. THREE DIMENSIONAL FLOW
. SECONDARY FLOW
RT AXIAL FLOW
CONICAL FLOW
FLOW GEOMETRY
HELICAL FLOW
ONE DIMENSIONAL FLOW

THREE DIMENSIONAL MOTION

THREE DIMENSIONAL FLOW-(CONT.)

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SPHERICAL WAVES
TWO DIMENSIONAL FLOW
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THREE DIMENSIONAL MOTION

GS TRANSLATIONAL MOTION
 . **THREE DIMENSIONAL MOTION**
 . . . THREE DIMENSIONAL FLOW
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RT DEGREES OF FREEDOM

THRESHOLD CURRENTS

GS ELECTRIC CURRENT
 . **THRESHOLD CURRENTS**
RT LASERS
 . THRESHOLDS

THRESHOLD DETECTORS (DOSIMETERS)

GS MEASURING INSTRUMENTS
 . RADIATION MEASURING INSTRUMENTS
 . . RADIATION DETECTORS
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 **THRESHOLD DETECTORS**
 (DOSIMETERS)
RT IONIZATION CHAMBERS
 . THRESHOLDS

THRESHOLD GATES

GS CIRCUITS
 . GATES (CIRCUITS)
 . . **THRESHOLD GATES**
 . . . LOGIC CIRCUITS
 **THRESHOLD GATES**
RT . THRESHOLDS
 . TRIGGER CIRCUITS

THRESHOLD LOGIC

GS MATHEMATICAL LOGIC
 . SET THEORY
 . . **THRESHOLD LOGIC**
RT GATES (CIRCUITS)
 . LOGIC
 . LOGIC CIRCUITS
 . THRESHOLDS
 . TRANSISTOR LOGIC
 . TRIGGER CIRCUITS

THRESHOLD SHIFT

USE THRESHOLDS

THRESHOLDS

SN *(USE OF A MORE SPECIFIC TERM IS
RECOMMENDED—CONSULT THE TERMS
LISTED BELOW)*
UF THRESHOLD SHIFT
RT DOORS
 ENTRANCES
 NOISE THRESHOLD
 RESOLUTION
 RESPONSES
 SENSITIVITY
 THRESHOLD CURRENTS
 THRESHOLD DETECTORS (DOSIMETERS)
 THRESHOLD GATES
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THRESHOLDS (PERCEPTION)

RT ACUITY
 ADAPTATION
 AUDIOMETRY
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 AUDITORY STIMULI
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 . FREQUENCY RESPONSE
 HEARING
 LIGHT ADAPTATION
 LIMEN
 NEUROLOGY
 PERCEPTION
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 . THRESHOLDS
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THROATS

SN (NONBIOLOGICAL)
RT CARBURETORS
 . CHANNELS

THROATS-(CONT.)

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DUCTS
NOZZLE GEOMETRY
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THROMBIN

GS ANATOMY
 . CARDIOVASCULAR SYSTEM
 . . **THROMBIN**
 . BODY FLUIDS
 . BLOOD
 . . **THROMBIN**
 . ENZYMES
 . **THROMBIN**
 . PROTEINS
 . **THROMBIN**
RT FIBRINOGEN
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RT BLOOD COAGULATION
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THROMBOPENIA

GS DISEASES
 . **THROMBOPENIA**
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 . BODY FLUIDS
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 . . **THROMBOPLASTIN**
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GS DISEASES
 . **THROMBOSIS**
RT BLOOD COAGULATION
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 MYOCARDIAL INFARCTION

THROTTLING

RT JOULE-THOMSON EFFECT
 VARIABLE THRUST

THROWING

RT EJECTION
 SPREADING

THRUST

UF THRUST POWER
GS **THRUST**
 . HIGH THRUST
 . JET THRUST
 . LEADING EDGE THRUST
 . LOW THRUST
 . MICROTHRUST
 . ROCKET THRUST
 . . RETROTHRUST
 . STATIC THRUST
 . VARIABLE THRUST
RT ACCELERATION (PHYSICS)
 AUXILIARY PROPULSION
 BURNING TIME
 DUAL THRUST NOZZLES
 . FORCE
 JET ENGINES
 NOZZLE THRUST COEFFICIENTS
 . POWER
 PROPULSION
 . REACTION
 ROCKET ENGINES
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 SPECIFIC IMPULSE

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GS AUGMENTATION
 . **THRUST AUGMENTATION**
RT AFTERBURNING
 COANDA EFFECT
 HIGH THRUST

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SECONDARY INJECTION
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VARIABLE THRUST
WATER INJECTION

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GS BEARINGS
 . **THRUST BEARINGS**
RT ANTIFRICTION BEARINGS
 BALL BEARINGS
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THRUST CHAMBER PRESSURE

GS PRESSURE
 . **THRUST CHAMBER PRESSURE**

THRUST CHAMBERS

UF ROCKET CHAMBERS
RT ARC CHAMBERS
 . CHAMBERS
 COMBUSTION CHAMBERS
 DIVERGENT NOZZLES
 ROCKET ENGINE CASES

THRUST CONTROL

GS **THRUST CONTROL**
 . THRUST VECTOR CONTROL
RT ATTITUDE CONTROL
 . CONTROL
 CONTROL ROCKETS
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 JET CONTROL
 . REACTION CONTROL
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 VARIABLE THRUST

THRUST DISTRIBUTION

RT AERODYNAMIC FORCES
 . DISTRIBUTION
 FORCE DISTRIBUTION
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 VORTICES
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THRUST FAULTS

USE GEOLOGICAL FAULTS

THRUST LOADS

GS LOADS (FORCES)
 . DYNAMIC LOADS
 . . **THRUST LOADS**
RT AERODYNAMIC LOADS
 AXIAL COMPRESSION LOADS
 AXIAL LOADS
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 JET THRUST
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THRUST MEASUREMENT

GS MECHANICAL MEASUREMENT
 . **THRUST MEASUREMENT**
RT ACCELEROMETERS
 DYNAMOMETERS
 . FORCE
 . MEASUREMENT

THRUST POWER

USE THRUST

THRUST PROGRAMMING

UF OPTIMUM THRUST PROGRAMMING
GS PROGRAMMING (SCHEDULING)
 . **THRUST PROGRAMMING**
RT FLIGHT MECHANICS
 FLIGHT OPTIMIZATION
 FLIGHT PLANS
 ORBITAL MECHANICS
 PARKING ORBITS
 PROPULSIVE EFFICIENCY
 TRAJECTORY CONTROL

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RT AIRCRAFT BRAKES
 BRAKES (FOR ARRESTING MOTION)
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 DECELERATION

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GS STOPPING
 . THRUST TERMINATION
 RT BURNOUT
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 STAGE SEPARATION
 VARIABLE THRUST

THRUST VECTOR CONTROL

UF TVC (CONTROL)
 GS ATTITUDE CONTROL
 . DIRECTIONAL CONTROL
 . . THRUST VECTOR CONTROL
 FLIGHT CONTROL
 . THRUST VECTOR CONTROL
 THRUST CONTROL
 . THRUST VECTOR CONTROL
 RT AIR SLEW MISSILES
 AUTOMATIC CONTROL
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 GUIDE VANES
 GYROSTABILIZERS
 JET VANES
 LIQUID INJECTION
 MANEUVERABLE SPACECRAFT
 MISSILE CONTROL
 NOZZLE THRUST COEFFICIENTS
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 SECONDARY INJECTION
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 . THRUST-WEIGHT RATIO
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THRUSTORS

USE ROCKET ENGINES

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GS CHEMICAL ELEMENTS
 . RARE EARTH ELEMENTS
 . . THULIUM
 . . . THULIUM ISOTOPES
 METALS
 . RARE EARTH ELEMENTS
 . . THULIUM
 . . . THULIUM ISOTOPES

THULIUM COMPOUNDS

GS RARE EARTH COMPOUNDS
 . THULIUM COMPOUNDS
 RT ∞ METAL COMPOUNDS

THULIUM ISOTOPES

UF THULIUM 171
 GS CHEMICAL ELEMENTS
 . NUCLIDES
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 METALS
 . RARE EARTH ELEMENTS
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GS MISSILES
 . ANTIAIRCRAFT MISSILES
 . . THUNDERBIRD MISSILE
 . SURFACE TO AIR MISSILES
 . . THUNDERBIRD MISSILE
 RT SOLID PROPELLANT ROCKET ENGINES

THUNDERCHIEF AIRCRAFT

USE F-105 AIRCRAFT

THUNDERSTORMS

GS STORMS
 . STORMS (METEOROLOGY)
 . . RAINSTORMS
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 RT ANVIL CLOUDS
 ATMOSPHERICS

THUNDERSTORMS-(CONT.)

CIRROCUMULUS CLOUDS
 CIRROSTRATUS CLOUDS
 CLOUDS (METEOROLOGY)
 COLD FRONTS
 CUMULONIMBUS CLOUDS
 FRONTS (METEOROLOGY)
 HAIL
 HAILSTORMS
 LIGHTNING
 LIGHTNING SUPPRESSION
 RAIN
 STORM DAMAGE
 WARM FRONTS
 WIND (METEOROLOGY)

THYMIDINE

GS ACIDS
 . THYMIDINE
 HETEROCYCLIC COMPOUNDS
 . THYMIDINE
 PYRIMIDINES
 . THYMIDINE
 RT ALLOXAN
 DEOXYRIBONUCLEIC ACID
 NUCLEOSIDES

THYMINE

GS ACIDS
 . THYMINE
 HETEROCYCLIC COMPOUNDS
 . THYMINE
 NITROGEN COMPOUNDS
 . THYMINE
 PYRIMIDINES
 . THYMINE
 RT ALLOXAN
 DEOXYRIBONUCLEIC ACID

THYMOL

GS HYDROXYL COMPOUNDS
 . ALCOHOLS
 . . PHENOLS
 . . . THYMOL

THYMUS GLAND

GS ANATOMY
 . GLANDS (ANATOMY)
 . . ENDOCRINE GLANDS
 . . . THYMUS GLAND
 VISCERA
 . ENDOCRINE GLANDS
 . . THYMUS GLAND

THYRATRONS

GS ELECTRON TUBES
 . VACUUM TUBES
 . . VACUUM TUBE OSCILLATORS
 . . . GAS DISCHARGE TUBES
 THYRATRONS
 . . . MICROWAVE TUBES
 PLANOTRONS
 THYRATRONS
 MICROWAVE EQUIPMENT
 . MICROWAVE TUBES
 . . PLANOTRONS
 . . . THYRATRONS
 RECTIFIERS
 . THYRATRONS
 RT CURRENT CONVERTERS (AC TO DC)
 SILICON CONTROLLED RECTIFIERS
 THYRISTORS

THYRISTORS

GS ELECTRONIC EQUIPMENT
 . SOLID STATE DEVICES
 . . SEMICONDUCTOR DEVICES
 . . . THYRISTORS
 SILICON CONTROLLED RECTIFIERS
 RECTIFIERS
 . THYRISTORS
 . . SILICON CONTROLLED RECTIFIERS
 JUNCTION TRANSISTORS
 P-N-P-N JUNCTIONS
 THYRATRONS
 TRIGGER CIRCUITS
 TRIODES

THYROID GLAND

GS ANATOMY
 . GLANDS (ANATOMY)
 . . ENDOCRINE GLANDS
 . . . THYROID GLAND
 VISCERA

THYROID GLAND-(CONT.)

. ENDOCRINE GLANDS
 . . THYROID GLAND
 CALCIUM METABOLISM
 HYPOMETABOLISM

THYROXINE

GS ACIDS
 . AMINO ACIDS
 . . THYROXINE
 ORGANIC COMPOUNDS
 . AMINO ACIDS
 . . THYROXINE

TIBET

RT ASIA
 BHUTAN
 NATIONS

TIBIA

GS ANATOMY
 . MUSCULOSKELETAL SYSTEM
 . . BONES
 . . . TIBIA
 RT LEG (ANATOMY)

TID

USE TRAVELING IONOSPHERIC
 DISTURBANCES

TIDAL FLATS

GS LANDFORMS
 . FLATS (LANDFORMS)
 . . TIDAL FLATS
 RT AQUICULTURE
 COASTS
 ESTUARIES
 FISHERIES
 MARSHLANDS
 MUD
 OCEANS
 SHORELINES
 TIDES

TIDAL OSCILLATION

USE TIDES

TIDAL WAVES

GS WATER WAVES
 . TIDAL WAVES
 RT OCEAN CURRENTS
 OCEAN SURFACE
 OCEANOGRAPHY
 SEA BREEZE
 SEA ROUGHNESS
 SEISMOLOGY
 TSUNAMI WAVES
 ∞ WAVES
 WIND (METEOROLOGY)

TIDE POWERED GENERATORS

RT ELECTRIC GENERATORS
 ENERGY CONVERSION EFFICIENCY
 ∞ GENERATORS
 OCEAN CURRENTS
 OCEAN SURFACE
 OCEANOGRAPHY
 OCEANS
 SEA ROUGHNESS
 TIDEPOWER
 TIDES
 WATERWAVE ENERGY CONVERSION
 WATERWAVE POWERED MACHINES

TIDE POWERED MACHINES

RT ∞ MACHINERY
 OCEAN CURRENTS
 OCEAN SURFACE
 SEA ROUGHNESS
 TIDEPOWER
 TIDES
 WATERWAVE ENERGY CONVERSION
 WATERWAVE POWERED MACHINES

TIDEPOWER

RT CLEAN ENERGY
 EARTH RESOURCES
 ∞ ENERGY SOURCES
 OCEAN CURRENTS
 OCEAN SURFACE
 OCEANOGRAPHY
 SEA ROUGHNESS
 TIDE POWERED GENERATORS
 TIDE POWERED MACHINES

TIDES

TIDEPOWER-(CONT.)

TIDES
WATERWAVE ENERGY
WATERWAVE ENERGY CONVERSION
WATERWAVE POWERED MACHINES

TIDES

UF TIDAL OSCILLATION
GS TIDES
. ATMOSPHERIC TIDES
. EARTH TIDES
. LUNAR TIDES
RT COASTAL CURRENTS
ESTUARIES
FLOOD DAMAGE
FLOODS
OCEAN CURRENTS
OCEAN SURFACE
OCEANOGRAPHY
PRESSURE ICE
SEA ROUGHNESS
TIDAL FLATS
TIDE POWERED GENERATORS
TIDE POWERED MACHINES
TIDEPOWER
WATER CURRENTS
WATERWAVE ENERGY CONVERSION
WATERWAVE POWERED MACHINES
WETLANDS

TIEBOLTS

GS FASTENERS
. BOLTS
. TIEBOLTS

TIG WELDING

USE GAS TUNGSTEN ARC WELDING

TIGHTNESS

RT CLEARANCES
CLOSURES
PROXIMITY

TILES

RT CERAMICS
FLOORS
GROUT
LUDOX (TRADEMARK)
MASONRY
WALLS

TILT

USE ATTITUDE (INCLINATION)

TILT ROTOR AIRCRAFT

GS V/STOL AIRCRAFT
. ROTARY WING AIRCRAFT
. TILT ROTOR AIRCRAFT
. . . XV-15 AIRCRAFT
RT HELICOPTERS
TILTING ROTORS

TILT ROTOR RESEARCH AIRCRAFT PROGRAM

GS PROGRAMS
. NASA PROGRAMS
. . TILT ROTOR RESEARCH AIRCRAFT
PROGRAM
RT HELICOPTERS
ROTARY WINGS
XV-15 AIRCRAFT

TILT WING AIRCRAFT

UF PIVOTED WING AIRCRAFT
GS TILT WING AIRCRAFT
. CL-84 AIRCRAFT
. L-29 JET TRAINER
. VZ-2 AIRCRAFT
. XC-142 AIRCRAFT
RT ∞ AIRCRAFT
FAN IN WING AIRCRAFT
RESEARCH AIRCRAFT
SHORT TAKEOFF AIRCRAFT
V/STOL AIRCRAFT
VERTICAL TAKEOFF AIRCRAFT
X-22 AIRCRAFT

TILTED PROPELLERS

GS PROPELLERS
. TILTED PROPELLERS
RT HELICOPTER PROPELLER DRIVE

TILTING

USE ATTITUDE (INCLINATION)

TILTING ROTORS

GS AIRFOILS
. WINGS
. . . ROTARY WINGS
. . . TILTING ROTORS
ROTATING BODIES
. ROTORS
. . . ROTARY WINGS
. . . TILTING ROTORS
RT TILT ROTOR AIRCRAFT
XV-3 AIRCRAFT

TILTMETERS

GS MEASURING INSTRUMENTS
. TILTMETERS
RT ATTITUDE (INCLINATION)
GEOPHYSICS
SEISMOGRAPHS

TIMBER IDENTIFICATION

GS IDENTIFYING
. TIMBER IDENTIFICATION
RECOGNITION
. TIMBER IDENTIFICATION
RT CONIFERS
CROP IDENTIFICATION
DECIDUOUS TREES
EARTH RESOURCES
EVALUATION
FORESTS
TREES (PLANTS)

TIMBER INVENTORY

GS INVENTORIES
. TIMBER INVENTORY
RT AERIAL PHOTOGRAPHY
EARTH RESOURCES
FOREST MANAGEMENT
FORESTS
INFRARED PHOTOGRAPHY
PHOTOGRAPHY
SATELLITE-BORNE PHOTOGRAPHY
TREES (PLANTS)

TIMBER VIGOR

RT FOLIAGE
FORESTS
GROWTH
TIMBERLINE
TREES (PLANTS)

TIMBERLINE

RT DENDROCHRONOLOGY
FORESTS
GROWTH
HIGH ALTITUDE ENVIRONMENTS
POLAR REGIONS
TIMBER VIGOR
TREES (PLANTS)

TIME

UF DURATION
GS TIME
. ACCESS TIME
. BURNING TIME
. DOWNTIME
. EPHEMERIS TIME
. FLIGHT TIME
. MTBF
. REACTION TIME
. . CHRONAXY
. RELAXATION TIME
. RESPONSE TIME (COMPUTERS)
. SIDEREAL TIME
. TESTING TIME
. TRANSIT TIME
. TURNAROUND TIME (STS)
. UNIVERSAL TIME
RT CALENDARS
CELESTIAL GEODESY
CHRONOLOGY
EXPOSURE
INTERVALS
LAUNCH DATES
MONTH
PROLONGATION
RELATIVISTIC EFFECTS
SCHEDULES
SYNCHRONISM
TIME MEASUREMENT
UNITS OF MEASUREMENT

TIME CONSTANT

GS CONSTANTS
. TIME CONSTANT

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TIME CONSTANT-(CONT.)

. . PERCEPTUAL TIME CONSTANT
RT ACCESS TIME
 ∞ CONSTANT
DAMPING
. DYNAMIC CHARACTERISTICS
DYNAMIC RESPONSE
IMPEDANCE
LC CIRCUITS
RC CIRCUITS
REACTION TIME
RELAXATION TIME
RL CIRCUITS
RLC CIRCUITS
 ∞ TIME RESPONSE
TRANSFER FUNCTIONS
TRANSIENT RESPONSE

TIME DELAY

USE TIME LAG

TIME DEPENDENCE

GS DEPENDENCE
. TIME DEPENDENCE
RT ∞ HELMHOLTZ EQUATIONS
STOCHASTIC PROCESSES
TEMPORAL DISTRIBUTION
 ∞ TIME RESPONSE

TIME DISCRIMINATION

RT COMPARATOR CIRCUITS
SENSORY DISCRIMINATION

TIME DIVISION MULTIPLE ACCESS

UF TDMA
GS TELECOMMUNICATION
. MULTIPLE ACCESS
. . TIME DIVISION MULTIPLE ACCESS
. RADIO COMMUNICATION
. . RADIO RELAY SYSTEMS
. . . TIME DIVISION MULTIPLE ACCESS
RT ALOHA SYSTEM
CHANNEL NOISE
FREQUENCY DIVISION MULTIPLE
ACCESS
MULTICHANNEL COMMUNICATION
MULTIPLE ACCESS
PACKET SWITCHING
PULSE COMMUNICATION
SATELLITE NETWORKS
SWITCHING
WIDEBAND COMMUNICATION

TIME DIVISION MULTIPLEXING

GS TRANSMISSION
. MULTIPLEXING
. . TIME DIVISION MULTIPLEXING
RT DEMULTIPLEXING
FREQUENCY DIVISION MULTIPLEXING
PULSE MODULATION
TELEMETRY
TELEVISION TRANSMISSION
WAVELENGTH DIVISION MULTIPLEXING

TIME FUNCTIONS

GS FUNCTIONS (MATHEMATICS)
. TIME FUNCTIONS
RT RATES (PER TIME)
SQUARE WAVES
STOCHASTIC PROCESSES
WAVE FUNCTIONS
WAVEFORMS

TIME LAG

UF CHRONOTRONS
LAG (DELAY)
TIME DELAY
RT CEPSTRAL ANALYSIS
DELAY
DELAY LINES
ELECTRIC RELAYS
HYSTERESIS
INVENTORY CONTROLS
REACTION TIME
REFRACTORY PERIOD
RESPONSES
SCHEDULES
 ∞ TIME RESPONSE

TIME LAPSE PHOTOGRAPHY

USE CHRONOPHOTOGRAPHY

TIME MARCHING

RT FINITE DIFFERENCE THEORY

TIME MARCHING-(CONT.)		TIME SIGNALS-(CONT.)		TIP DRIVEN ROTORS-(CONT.)	
	NUMERICAL ANALYSIS		PULSE DURATION		.. ROTARY WINGS
	SPATIAL MARCHING		∞ SIGNALS		.. TIP DRIVEN ROTORS
			TIMING DEVICES		ROTATING BODIES
TIME MEASUREMENT		TIMERS			.. ROTORS
UF	DATING	USE	TIMING DEVICES	RT	.. ROTARY WINGS
	EPOCHS				.. TIP DRIVEN ROTORS
	TIMING				XV-9A AIRCRAFT
GS	TIME MEASUREMENT	TIMING		TIP SPEED	
	. CLOCK PARADOX	USE	TIME MEASUREMENT	GS	RATES (PER TIME)
RT	ATOMIC CLOCKS				.. TIP SPEED
	CHRONOMETERS	TIMING DEVICES			VELOCITY
	CLOCKS	UF	TIMERS	RT	.. TIP SPEED
	CONSECUTIVE EVENTS	GS	MEASURING INSTRUMENTS		ANGULAR VELOCITY
	FREQUENCY MEASUREMENT		. TIME MEASURING INSTRUMENTS		CRITICAL VELOCITY
∞ MEASUREMENT			.. TIMING DEVICES		ROTOR SPEED
	OSCILLOGRAPHS	RT	CHRONOMETERS	TIPS	
	RADIOACTIVE AGE DETERMINATION		CLOCK PARADOX	GS	TIPS
	RATES (PER TIME)		CLOCKS		.. BLADE TIPS
	SIDEREAL TIME		DWELL		.. NOSE TIPS
	STROBOSCOPES		PENDULUMS		.. WING TIPS
	SYNCHRONISM		TACHOMETERS	RT	AIRFOIL PROFILES
∞ TIME RESPONSE			TIME MEASUREMENT		EDGES
	TIMING DEVICES		TIME SIGNALS	TIRES	
	VELOCITY	TIMOSHENKO BEAMS		GS	TIRES
	VELOCITY MEASUREMENT	GS	STRUCTURAL MEMBERS		.. AIRCRAFT TIRES
	WINDOWS (INTERVALS)		. BEAMS (SUPPORTS)	RT	BLOWOUTS
TIME MEASURING INSTRUMENTS			.. TIMOSHENKO BEAMS		INFLATABLE STRUCTURES
GS	MEASURING INSTRUMENTS	RT	COLUMNS (SUPPORTS)		LANDING GEAR
	. TIME MEASURING INSTRUMENTS		TRUSSES		ROLLERS
	.. CLOCKS	TIN			TOROIDAL WHEELS
	.. . ATOMIC CLOCKS	GS	CHEMICAL ELEMENTS		TREADS
	.. . AUTONOMOUS SPACECRAFT		. TIN		VEHICLE WHEELS
	.. . CLOCKS		. . TIN ISOTOPES		WHEEL BRAKES
	.. . CHRONOMETERS		METALS		WHEELS
	.. TIMING DEVICES		. TIN		
			. . TIN ISOTOPES	TIROS D SATELLITE	
TIME OF FLIGHT SPECTROMETERS		TIN ALLOYS		USE	TIROS 4 SATELLITE
GS	MEASURING INSTRUMENTS	GS	ALLOYS	TIROS E SATELLITE	
	. SPECTROMETERS		. TIN ALLOYS	USE	TIROS 5 SATELLITE
	.. TIME OF FLIGHT SPECTROMETERS	RT	. . BABBITT METAL	TIROS F SATELLITE	
RT	SPECTROSCOPY		BEARING ALLOYS	USE	TIROS 6 SATELLITE
			SOLDERS	TIROS G SATELLITE	
TIME OPTIMAL CONTROL			STANNIDES	USE	TIROS 7 SATELLITE
GS	AUTOMATIC CONTROL		ZIRCALOYS (TRADEMARK)	TIROS H SATELLITE	
	. OPTIMAL CONTROL	TIN COMPOUNDS		USE	TIROS 8 SATELLITE
	.. TIME OPTIMAL CONTROL	GS	TIN COMPOUNDS	TIROS K SATELLITE	
	OPTIMIZATION		. ORGANIC TIN COMPOUNDS	GS	SATELLITES
	. OPTIMAL CONTROL		. STANNATES		. ARTIFICIAL SATELLITES
	.. TIME OPTIMAL CONTROL		. STANNIDES		. . METEOROLOGICAL SATELLITES
			. . NIOBIUM STANNIDES		.. TIROS SATELLITES
∞ TIME RESPONSE			. TIN OXIDES		.. . TIROS K SATELLITE
SN	(USE OF A MORE SPECIFIC TERM IS		. TIN TELLURIDES		. EARTH SATELLITES
	RECOMMENDED--CONSULT THE TERMS	RT	∞ GROUP 4A COMPOUNDS		. . METEOROLOGICAL SATELLITES
	LISTED BELOW)		∞ METAL COMPOUNDS		.. TIROS SATELLITES
RT	ACCESS TIME	TIN ISOTOPES		RT	.. . TIROS K SATELLITE
	DELAY	GS	CHEMICAL ELEMENTS		. EARTH SATELLITES
	RESPONSE BIAS		. NUCLIDES		. . METEOROLOGICAL SATELLITES
	RESPONSES		. . ISOTOPES		.. TIROS SATELLITES
	TEMPORAL DISTRIBUTION		.. TIN ISOTOPES		.. . TIROS K SATELLITE
	TIME CONSTANT		. TIN		. DELTA LAUNCH VEHICLE
	TIME DEPENDENCE		. . TIN ISOTOPES		IMPROVED TIROS OPERATIONAL
	TIME LAG		METALS		SATELLITES
	TIME MEASUREMENT		. TIN		ITOS 1
TIME SERIES ANALYSIS			. . TIN ISOTOPES		ITOS 2
RT	∞ APPLICATIONS OF MATHEMATICS	TIN OXIDES			ITOS 3
	AUTOCORRELATION	GS	CHALCOGENIDES		ITOS 4
	CORRELATION		. OXIDES	TIROS M	
	CURVE FITTING		. . METAL OXIDES	GS	SATELLITES
	DATA SAMPLING		.. TIN OXIDES		. ARTIFICIAL SATELLITES
	EXTRAPOLATION		. . TIN COMPOUNDS		. . METEOROLOGICAL SATELLITES
	FORECASTING		. TIN OXIDES		.. TIROS SATELLITES
	FOURIER ANALYSIS	RT	SIS (SEMICONDUCTORS)		.. . TIROS M
	KALMAN-SCHMIDT FILTERING	TIN TELLURIDES			. EARTH SATELLITES
	MAXIMUM ENTROPY METHOD	GS	CHALCOGENIDES		. . METEOROLOGICAL SATELLITES
	SCHEDULING		. TELLURIDES		.. TIROS SATELLITES
∞ STATISTICS			. . TIN TELLURIDES		.. . TIROS M
	STOCHASTIC PROCESSES		TELLURIUM COMPOUNDS	RT	IMPROVED TIROS OPERATIONAL
	TRENDS		. TELLURIDES		SATELLITES
TIME SHARING			. . TIN TELLURIDES		ITOS SATELLITES
RT	COMPUTER PROGRAMMING		TIN COMPOUNDS		ITOS 1
	COORDINATION		. TIN TELLURIDES		ITOS 2
	MULTIPLE OUTPUT PROGRAMS		TIN COMPOUNDS		ITOS 3
	MULTIPROCESSING (COMPUTERS)		. TIN TELLURIDES		ITOS 4
	MULTIPROGRAMMING		TIN COMPOUNDS	TIROS N SATELLITE	
	PIPELINING (COMPUTERS)		. TIN TELLURIDES	UF	NOAA-A SATELLITE
	RUN TIME (COMPUTERS)	TIP DRIVEN ROTORS			
TIME SIGNALS		UF	HOT CYCLE PROPULSION SYSTEM		
RT	CLOCK PARADOX	GS	AIRFOILS		
	FREQUENCY STANDARDS		. WINGS		
	PICOSECOND PULSES				

TIROS N SERIES SATELLITES

TIROS N SATELLITE-(CONT.)

GS SATELLITES
 . EARTH SATELLITES
 . . METEOROLOGICAL SATELLITES
 . . . TIROS SATELLITES
 **TIROS N SATELLITE**
 RT IMPROVED TIROS OPERATIONAL
 SATELLITES
 ITOS 1
 ITOS 2
 ITOS 3
 ITOS 4
 NOAA 7 SATELLITE
 TIROS OPERATIONAL SATELLITE
 SYSTEM

TIROS N SERIES SATELLITES

GS SATELLITES
 . ARTIFICIAL SATELLITES
 . . **TIROS N SERIES SATELLITES**
 . EARTH SATELLITES
 . . **TIROS N SERIES SATELLITES**
 RT NOAA 6 SATELLITE

TIROS OPERATIONAL SATELLITE SYSTEM

RT CLOUD PHOTOGRAPHY
 ITOS 1
 ITOS 2
 ITOS 3
 ITOS 4
 SATELLITE OBSERVATION
 TIROS K SATELLITE
 TIROS N SATELLITE

TIROS PROJECT

GS PROGRAMS
 . NASA PROGRAMS
 . . **TIROS PROJECT**
 . PROJECTS
 . . **TIROS PROJECT**
 RT CLOUD PHOTOGRAPHS
 CLOUD PHOTOGRAPHY
 METEOROLOGICAL SATELLITES

TIROS SATELLITES

GS SATELLITES
 . ARTIFICIAL SATELLITES
 . . METEOROLOGICAL SATELLITES
 . . . **TIROS SATELLITES**
 IMPROVED TIROS OPERATIONAL
 SATELLITES
 ITOS 1
 ITOS 2
 ITOS 3
 ITOS 4
 ITOS SATELLITES
 ITOS 1
 ITOS 2
 ITOS 3
 ITOS 4
 TIROS K SATELLITE
 TIROS M
 TIROS 1 SATELLITE
 TIROS 2 SATELLITE
 TIROS 3 SATELLITE
 TIROS 4 SATELLITE
 TIROS 5 SATELLITE
 TIROS 6 SATELLITE
 TIROS 7 SATELLITE
 TIROS 8 SATELLITE
 TIROS 9 SATELLITE
 TIROS 10 SATELLITE
 . EARTH SATELLITES
 . . METEOROLOGICAL SATELLITES
 . . . **TIROS SATELLITES**
 IMPROVED TIROS OPERATIONAL
 SATELLITES
 ITOS 1
 ITOS 2
 ITOS 3
 ITOS 4
 ITOS SATELLITES
 ITOS 1
 ITOS 2
 ITOS 3
 ITOS 4
 TIROS K SATELLITE
 TIROS M
 TIROS N SATELLITE
 TIROS 1 SATELLITE
 TIROS 2 SATELLITE
 TIROS 3 SATELLITE
 TIROS 4 SATELLITE
 TIROS 5 SATELLITE
 TIROS 6 SATELLITE

TIROS SATELLITES-(CONT.)

. . . . TIROS 7 SATELLITE
 TIROS 8 SATELLITE
 TIROS 9 SATELLITE
 TIROS 10 SATELLITE
 RT CLOUD PHOTOGRAPHY
 ESSA SATELLITES
 POLAR ORBITS
 SATELLITE OBSERVATION

TIROS WHEEL SATELLITE

USE TIROS 9 SATELLITE

TIROS 1 SATELLITE

GS SATELLITES
 . ARTIFICIAL SATELLITES
 . . METEOROLOGICAL SATELLITES
 . . . TIROS SATELLITES
 **TIROS 1 SATELLITE**
 . EARTH SATELLITES
 . . METEOROLOGICAL SATELLITES
 . . . TIROS SATELLITES
 **TIROS 1 SATELLITE**
 RT THOR ABLE ROCKET VEHICLE

TIROS 2 SATELLITE

GS SATELLITES
 . ARTIFICIAL SATELLITES
 . . METEOROLOGICAL SATELLITES
 . . . TIROS SATELLITES
 **TIROS 2 SATELLITE**
 . EARTH SATELLITES
 . . METEOROLOGICAL SATELLITES
 . . . TIROS SATELLITES
 **TIROS 2 SATELLITE**
 RT DELTA LAUNCH VEHICLE

TIROS 3 SATELLITE

GS SATELLITES
 . ARTIFICIAL SATELLITES
 . . METEOROLOGICAL SATELLITES
 . . . TIROS SATELLITES
 **TIROS 3 SATELLITE**
 . EARTH SATELLITES
 . . METEOROLOGICAL SATELLITES
 . . . TIROS SATELLITES
 **TIROS 3 SATELLITE**
 RT DELTA LAUNCH VEHICLE

TIROS 4 SATELLITE

UF TIROS D SATELLITE
 GS SATELLITES
 . ARTIFICIAL SATELLITES
 . . METEOROLOGICAL SATELLITES
 . . . TIROS SATELLITES
 **TIROS 4 SATELLITE**
 . EARTH SATELLITES
 . . METEOROLOGICAL SATELLITES
 . . . TIROS SATELLITES
 **TIROS 4 SATELLITE**
 RT DELTA LAUNCH VEHICLE

TIROS 5 SATELLITE

UF TIROS E SATELLITE
 GS SATELLITES
 . ARTIFICIAL SATELLITES
 . . METEOROLOGICAL SATELLITES
 . . . TIROS SATELLITES
 **TIROS 5 SATELLITE**
 . EARTH SATELLITES
 . . METEOROLOGICAL SATELLITES
 . . . TIROS SATELLITES
 **TIROS 5 SATELLITE**
 RT DELTA LAUNCH VEHICLE

TIROS 6 SATELLITE

UF TIROS F SATELLITE
 GS SATELLITES
 . ARTIFICIAL SATELLITES
 . . METEOROLOGICAL SATELLITES
 . . . TIROS SATELLITES
 **TIROS 6 SATELLITE**
 . EARTH SATELLITES
 . . METEOROLOGICAL SATELLITES
 . . . TIROS SATELLITES
 **TIROS 6 SATELLITE**
 RT DELTA LAUNCH VEHICLE

TIROS 7 SATELLITE

UF TIROS G SATELLITE
 GS SATELLITES
 . ARTIFICIAL SATELLITES
 . . METEOROLOGICAL SATELLITES
 . . . TIROS SATELLITES
 **TIROS 7 SATELLITE**

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TIROS 7 SATELLITE-(CONT.)

. EARTH SATELLITES
 . . METEOROLOGICAL SATELLITES
 . . . TIROS SATELLITES
 **TIROS 7 SATELLITE**
 RT DELTA LAUNCH VEHICLE

TIROS 8 SATELLITE

UF TIROS H SATELLITE
 GS SATELLITES
 . ARTIFICIAL SATELLITES
 . . METEOROLOGICAL SATELLITES
 . . . TIROS SATELLITES
 **TIROS 8 SATELLITE**
 . EARTH SATELLITES
 . . METEOROLOGICAL SATELLITES
 . . . TIROS SATELLITES
 **TIROS 8 SATELLITE**
 RT DELTA LAUNCH VEHICLE

TIROS 9 SATELLITE

UF TIROS WHEEL SATELLITE
 GS SATELLITES
 . ARTIFICIAL SATELLITES
 . . METEOROLOGICAL SATELLITES
 . . . TIROS SATELLITES
 **TIROS 9 SATELLITE**
 . EARTH SATELLITES
 . . METEOROLOGICAL SATELLITES
 . . . TIROS SATELLITES
 **TIROS 9 SATELLITE**
 RT DELTA LAUNCH VEHICLE

TIROS 10 SATELLITE

GS SATELLITES
 . ARTIFICIAL SATELLITES
 . . METEOROLOGICAL SATELLITES
 . . . TIROS SATELLITES
 **TIROS 10 SATELLITE**
 . EARTH SATELLITES
 . . METEOROLOGICAL SATELLITES
 . . . TIROS SATELLITES
 **TIROS 10 SATELLITE**
 RT DELTA LAUNCH VEHICLE

TISSUES (BIOLOGY)

GS **TISSUES (BIOLOGY)**
 . ADIPOSE TISSUES
 . ENDOTHELIUM
 . EPICARDIUM
 . EPITHELIUM
 . HYPODERMIS
 . NEUROGLIA
 . PERITONEUM
 . PLANTAR TISSUES
 . SCARS
 RT ATROPHY
 CANCER
 ∞ CELLS
 CELLS (BIOLOGY)
 CULTIVATION
 CYSTIC FIBROSIS
 CYSTS
 FIBROBLASTS
 FIBROSIS
 HISTOCHEMICAL ANALYSIS
 INFARCTION
 MACROPHAGES
 MEDIASTINUM

TITAN

GS CELESTIAL BODIES
 . NATURAL SATELLITES
 . . **TITAN**
 SATELLITES
 . NATURAL SATELLITES
 . . SATURN SATELLITES
 . . . **TITAN**
 RT ATMOSPHERIC COMPOSITION
 CHARON
 SATELLITE ATMOSPHERES
 SATURN (PLANET)
 TRITON

TITAN CENTAUR LAUNCH VEHICLE

GS LAUNCH VEHICLES
 . **TITAN CENTAUR LAUNCH VEHICLE**
 ROCKET VEHICLES
 . **TITAN CENTAUR LAUNCH VEHICLE**
 RT CENTAUR LAUNCH VEHICLE

TITAN ICBM

GS MISSILES
 . BALLISTIC MISSILES

NASA THESAURUS (VOLUME 1)

TOLERANCES (MECHANICS)

TITAN ICBM-(CONT.)

.. INTERCONTINENTAL BALLISTIC MISSILES
 ... **TITAN ICBM**
 TITAN 1 ICBM
 TITAN 2 ICBM
 .. SURFACE TO SURFACE MISSILES
 .. INTERCONTINENTAL BALLISTIC MISSILES
 ... **TITAN ICBM**
 TITAN 1 ICBM
 TITAN 2 ICBM
 RT LIQUID PROPELLANT ROCKET ENGINES
 LR-87-AJ-3 ENGINE
 LR-91-AJ-3 ENGINE
 LR-91-AJ-5 ENGINE
 MULTISTAGE ROCKET VEHICLES
 YLR-91-AJ-1 ENGINE

TITAN LAUNCH VEHICLES

GS LAUNCH VEHICLES
 .. **TITAN LAUNCH VEHICLES**
 ... TITAN 3 LAUNCH VEHICLE
 .. ROCKET VEHICLES
 .. MULTISTAGE ROCKET VEHICLES
 .. **TITAN LAUNCH VEHICLES**
 ... TITAN 3 LAUNCH VEHICLE
 RT GEMINI 3 FLIGHT
 GEMINI 7 FLIGHT
 GEMINI 8 FLIGHT
 GEMINI 9 FLIGHT
 GEMINI 10 FLIGHT
 GEMINI 11 FLIGHT
 GEMINI 12 FLIGHT
 LIQUID PROPELLANT ROCKET ENGINES
 SOLID PROPELLANT ROCKET ENGINES

TITAN PROJECT

GS PROGRAMS
 .. NASA PROGRAMS
 .. **TITAN PROJECT**
 .. PROJECTS
 .. **TITAN PROJECT**
 RT ∞ BOOSTERS
 GEMINI PROJECT
 GEMINI SPACECRAFT
 LAUNCH VEHICLES
 LAUNCHERS
 LAUNCHING

TITAN 1 ICBM

UF SM-68 MISSILE
 GS MISSILES
 .. BALLISTIC MISSILES
 .. INTERCONTINENTAL BALLISTIC MISSILES
 ... TITAN ICBM
 **TITAN 1 ICBM**
 .. SURFACE TO SURFACE MISSILES
 .. INTERCONTINENTAL BALLISTIC MISSILES
 ... TITAN ICBM
 **TITAN 1 ICBM**
 RT LR-87-AJ-5 ENGINE

TITAN 2 ICBM

UF SM-68B MISSILE
 GS MISSILES
 .. BALLISTIC MISSILES
 .. INTERCONTINENTAL BALLISTIC MISSILES
 ... TITAN ICBM
 **TITAN 2 ICBM**
 .. SURFACE TO SURFACE MISSILES
 .. INTERCONTINENTAL BALLISTIC MISSILES
 ... TITAN ICBM
 **TITAN 2 ICBM**
 RT HYLA-STAR ROCKET VEHICLE

TITAN 3 LAUNCH VEHICLE

GS LAUNCH VEHICLES
 .. TITAN LAUNCH VEHICLES
 .. **TITAN 3 LAUNCH VEHICLE**
 .. ROCKET VEHICLES
 .. MULTISTAGE ROCKET VEHICLES
 .. TITAN LAUNCH VEHICLES
 ... **TITAN 3 LAUNCH VEHICLE**
 RT MANNED ORBITAL LABORATORIES

TITANATES

GS TITANIUM COMPOUNDS
 .. **TITANATES**
 .. BARIUM TITANATES
 .. ILMENITE

TITANATES-(CONT.)

.. LEAD TITANATES
 .. MAGNESIUM TITANATES
 .. PEROVSKITES
 .. PIEZOELECTRIC CERAMICS
 .. LEAD ZIRCONATE TITANATES
 .. STRONTIUM TITANATES
 .. ZIRCONIUM TITANATES
 RT EUXENITE

TITANIUM

GS CHEMICAL ELEMENTS
 .. **TITANIUM**
 .. TITANIUM ISOTOPES
 METALS
 .. TRANSITION METALS
 .. **TITANIUM**
 ... TITANIUM ISOTOPES

TITANIUM ALLOYS

GS ALLOYS
 .. **TITANIUM ALLOYS**
 .. NITINOL ALLOYS
 RT SHAPE MEMORY ALLOYS

TITANIUM BORIDES

GS BORON COMPOUNDS
 .. BORIDES
 .. **TITANIUM BORIDES**
 TITANIUM COMPOUNDS
 .. **TITANIUM BORIDES**

TITANIUM CARBIDES

GS CARBON COMPOUNDS
 .. CARBIDES
 .. **TITANIUM CARBIDES**
 TITANIUM COMPOUNDS
 .. **TITANIUM CARBIDES**

TITANIUM CHLORIDES

GS HALOGEN COMPOUNDS
 .. CHLORINE COMPOUNDS
 .. CHLORIDES
 .. **TITANIUM CHLORIDES**
 .. HALIDES
 .. CHLORIDES
 .. **TITANIUM CHLORIDES**
 .. METAL HALIDES
 .. **TITANIUM CHLORIDES**
 TITANIUM COMPOUNDS
 .. **TITANIUM CHLORIDES**

TITANIUM COMPOUNDS

GS **TITANIUM COMPOUNDS**
 .. TITANATES
 .. BARIUM TITANATES
 .. ILMENITE
 .. LEAD TITANATES
 .. MAGNESIUM TITANATES
 .. PEROVSKITES
 .. PIEZOELECTRIC CERAMICS
 .. LEAD ZIRCONATE TITANATES
 .. STRONTIUM TITANATES
 .. ZIRCONIUM TITANATES
 .. TITANIUM BORIDES
 .. TITANIUM CARBIDES
 .. TITANIUM CHLORIDES
 .. TITANIUM NITRIDES
 .. TITANIUM OXIDES
 .. ANATASE
 .. ILMENITE
 .. RUTILE
 RT ∞ GROUP 4B COMPOUNDS
 ∞ METAL COMPOUNDS

TITANIUM DIOXIDE

USE TITANIUM OXIDES

TITANIUM ISOTOPES

GS CHEMICAL ELEMENTS
 .. NUCLIDES
 .. ISOTOPES
 .. **TITANIUM ISOTOPES**
 .. TITANIUM
 .. **TITANIUM ISOTOPES**
 METALS
 .. TRANSITION METALS
 .. TITANIUM
 ... **TITANIUM ISOTOPES**

TITANIUM NITRIDES

GS NITROGEN COMPOUNDS
 .. NITRIDES
 .. **TITANIUM NITRIDES**

TITANIUM NITRIDES-(CONT.)

TITANIUM COMPOUNDS
 .. TITANIUM NITRIDES

TITANIUM OXIDES

UF TITANIUM DIOXIDE
 GS CHALCOGENIDES
 .. OXIDES
 .. METAL OXIDES
 ... **TITANIUM OXIDES**
 ANATASE
 ILMENITE
 RUTILE
 TITANIUM COMPOUNDS
 .. **TITANIUM OXIDES**
 .. ANATASE
 .. ILMENITE
 .. RUTILE
 RT DIOXIDES

TITRATION

GS CHEMICAL REACTIONS
 .. **TITRATION**
 RT ACIDITY
 COULOMETERS
 IODIMETRY
 ION CONCENTRATION
 KJELDAHL METHOD
 SOLUTIONS

TITRIMETERS

GS MEASURING INSTRUMENTS
 .. **TITRIMETERS**
 RT CHEMICAL ANALYSIS

TNT (TRINITROTOLUENE)

USE TRINITROTOLUENE

TOBACCO

GS PLANTS (BOTANY)
 .. **TOBACCO**
 RT NICOTINE

TOCOPHEROL

UF VITAMIN E
 GS HETEROCYCLIC COMPOUNDS
 .. **TOCOPHEROL**
 VITAMINS
 .. **TOCOPHEROL**

TOGO

RT AFRICA
 NATIONS

TOKAMAK DEVICES

GS NUCLEAR REACTORS
 .. **TOKAMAK DEVICES**
 PLASMA GENERATORS
 .. **TOKAMAK DEVICES**
 RT BEAM INJECTION
 BETA FACTOR
 BUMPY TORUSES
 ∞ ELECTRIC POWER
 LIMITERS (FUSION REACTORS)
 NUCLEAR FUSION
 PLASMA COMPRESSION
 PLASMA CONTROL
 PLASMA PHYSICS
 POLOIDAL FLUX
 ∞ REACTORS
 SPHEROMAKS
 TOPOLOTRONS

TOLERANCES (MECHANICS)

GS **TOLERANCES (MECHANICS)**
 .. IMPACT TOLERANCES
 RT ACCEPTABILITY
 ACCURACY
 ALLOWANCES
 CLEARANCES
 CONSISTENCY
 DIMENSIONAL STABILITY
 DRIFT (INSTRUMENTATION)
 ERRORS
 HYSTERESIS
 INSPECTION
 LINEARITY
 MECHANICAL PROPERTIES
 NONDESTRUCTIVE TESTS
 PRECISION
 QUALITY CONTROL
 RADIATION TOLERANCE
 RANGE (EXTREMES)
 RELIABILITY

TOLERANCES (PHYSIOLOGY)

TOLERANCES (MECHANICS)-(CONT.)

RESOLUTION
SENSITIVITY
SPECIFICATIONS
STABILITY
STANDARDS

TOLERANCES (PHYSIOLOGY)

GS **TOLERANCES (PHYSIOLOGY)**
. ACCELERATION TOLERANCE
. ALTITUDE TOLERANCE
. COLD TOLERANCE
. HEAT TOLERANCE
. HUMAN TOLERANCES
. RADIATION TOLERANCE
RT ACCLIMATIZATION
BARANY CHAIR
BIOCONTROL SYSTEMS
IMPACT RESISTANCE
NOISE TOLERANCE
ORTHOSTATIC TOLERANCE
RANGE (EXTREMES)
∞ RESISTANCE

TOLLMEIN-SCHLICHTING WAVES

GS ELASTIC WAVES
. **TOLLMEIN-SCHLICHTING WAVES**
RT BLASIUS FLOW
BOUNDARY LAYER FLOW
BOUNDARY LAYER TRANSITION
LAMINAR FLOW
TURBULENT FLOW

TOLUENE

GS HYDROCARBONS
. **TOLUENE**
RT SOLVENTS
XYLENE

TOMAHAWK MISSILES

GS MISSILES
. SURFACE TO SURFACE MISSILES
. CRUISE MISSILES
. **TOMAHAWK MISSILES**
RT WEAPONS

TOMBOLOS

USE BARS (LANDFORMS)

TOMOGRAPHY

UF PLANIGRAPHY
GS IMAGERY
. RADIOGRAPHY
. **TOMOGRAPHY**
RT COMPUTER GRAPHICS
IMAGE ENHANCEMENT
OPTICAL DATA PROCESSING
X RAY ANALYSIS

TONE

USE PITCH

TONGUE

GS DIGESTIVE SYSTEM
. **TONGUE**
RT MOUTH
VOICE

TONK METEORITE

GS CELESTIAL BODIES
. METEORITES
. STONY METEORITES
. CHONDRITES
. CARBONACEOUS METEORITES
. **TONK METEORITE**

TONOMETRY

USE INTRAOCULAR PRESSURE
PRESSURE MEASUREMENT

TONUS

USE MUSCULAR TONUS

TOOLING

RT ∞ AUTOMATION
MACHINING
MECHANIZATION
SETUPS
TOOLS

TOOLS

GS **TOOLS**
. BORING MACHINES
. DRILL BITS

TOOLS-(CONT.)

. FILES (TOOLS)
. MACHINE TOOLS
. GRINDING MACHINES
. LATHES
. TURRET LATHES
. MILLING MACHINES
. SHAPERS
. SAWS
. SHEARS
. SPACE TOOLS
. WRENCHES

RT

ANTIQUITIES
ANVILS
CUTTERS
DRILLS
FIXTURES
HAMMERS
HARDWARE
JIGS
KITS
∞ MACHINERY
MECHANICAL DEVICES
MECHANIZATION
PLATENS
PRESSES
∞ PRODUCTION
TAPS
TOOLING
ULTRASONIC CLEANING

TOOTH DISEASES

UF AERODONTALGIA
DISEASES
GS **TOOTH DISEASES**
MEDICAL SCIENCE
. **TOOTH DISEASES**
RT CAVITIES
DENTAL CALCULI
DENTISTRY
ORAL HYGIENE

TOPEX

RT GULF STREAM
MARITIME SATELLITES
OCEAN CURRENTS
OCEAN SURFACE
OCEANOGRAPHY
SATELLITE OBSERVATION
SEA STATES
TOPOGRAPHY

TOPOGRAPHY

UF LANDSCAPE
GS **TOPOGRAPHY**
. LUNAR TOPOGRAPHY
. TERRAIN
RT BADLANDS
BARREN LAND
BEACHES
CLIFFS
CONTOUR SENSORS
CONTOURS
CUSPS (LANDFORMS)
∞ DEPRESSION
DESERTLINE
DESERTS
DUNES
EARTH SURFACE
ELEVATION
ELEVATION ANGLE
ESCARPMENTS
GEODESY
GEODETIC SURVEYS
GEOMORPHOLOGY
GEOPHYSICS
GULFS
HIGHLANDS
HYPSOGRAPHY
ISTHUSES
JUPITER RED SPOT
LAGOONS
LAND
LANDFORMS
LANDMARKS
LEDGES
MAPPING
MARIA
MARS SURFACE
MEANDERS
MUSKEGS
OCEANOGRAPHY
PEAKS (LANDFORMS)
PENEPLAINS

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TOPOGRAPHY-(CONT.)

PHOTOMAPPING
PLAINS
PLANETARY SURFACES
∞ PROFILES
RELIEF MAPS
SHALLOW WATER
SLOPES
STAIRSTEPS
SURFACE ROUGHNESS
TOPEX
VALLEYS
WADIS

TOPOLOGY

GS GEOMETRY
. **TOPOLOGY**
. FIXED POINTS (MATHEMATICS)
. HOMOTOPY THEORY
. IMBEDDINGS (MATHEMATICS)
. INVARIANT IMBEDDINGS
. LINKS (MATHEMATICS)
. METRIC SPACE
RT CATASTROPHE THEORY
∞ CELLS
CONTINUITY
CONTINUITY (MATHEMATICS)
CONTINUUMS
DEFORMATION
DIMENSIONS
FAULT TREES
FIBERS (MATHEMATICS)
GRAPH THEORY
HOMOLOGY
INTERVALS
ISOPERIMETRIC PROBLEM
MANIFOLDS (MATHEMATICS)
MAPPING
NETWORK SYNTHESIS
∞ NETWORKS
SHAPES
SWITCHING THEORY
TORUSES
TREES (MATHEMATICS)

TOPOLOTRONS

RT CONTROLLED FUSION
TOKAMAK DEVICES
TOROIDAL PLASMAS

TOPS (SPACECRAFT)

UF THERMOELECTRIC OUTER PLANET
SPACECRAFT
GS THERMOELECTRIC SPACECRAFT
INTERPLANETARY SPACECRAFT
. **TOPS (SPACECRAFT)**
RT FLYBY MISSIONS
INTERPLANETARY FLIGHT
OUTER PLANETS EXPLORERS
SPACE EXPLORATION
SPACE MISSIONS
∞ SPACECRAFT

TORCHES

RT CUTTING
PYROGEN
WELDING
WELDING MACHINES

TORNADO AIRCRAFT

USE MRCA AIRCRAFT

TORNADOES

GS STORMS
. STORMS (METEOROLOGY)
. **TORNADOES**
RT ATMOSPHERIC CIRCULATION
COLD FRONTS
CUMULONIMBUS CLOUDS
CYCLONES
FRONTS (METEOROLOGY)
GROUND WIND
HURRICANES
NATIONAL SEVERE STORMS PROJECT
RAINSTORMS
STORM DAMAGE
TROPICAL STORMS
TYPHOONS
WARM FRONTS
WIND (METEOROLOGY)

TORO ASTEROID

GS CELESTIAL BODIES
. ASTEROID BELTS

TORO ASTEROID-(CONT.)

- .. ASTEROIDS
- ... **TORO ASTEROID**
- RT METEORIDS
- SOLAR SYSTEM
- SPACE DEBRIS

TOROIDAL DISCHARGE

- GS ELECTRIC CURRENT
- .. ELECTRIC DISCHARGES
- ... TOWNSEND DISCHARGE
- ... GAS DISCHARGES
- ... **TOROIDAL DISCHARGE**
- ... RING DISCHARGE
- RT ELECTRODELESS DISCHARGES
- HIGH FREQUENCIES
- PLASMA JETS
- SPECTRUM ANALYSIS

TOROIDAL PLASMAS

- UF PLASMA RINGS
- GS PARTICLES
- .. CHARGED PARTICLES
- ... **TOROIDAL PLASMAS**
- RT BEAM INJECTION
- BETA FACTOR
- BUMPY TORUSES
- ELLIPTICAL PLASMAS
- LIMITERS (FUSION REACTORS)
- PLASMA CONTROL
- PLASMA CURRENTS
- POLOIDAL FLUX
- REVERSE FIELD PINCH
- ∞ RINGS
- ROTATING PLASMAS
- SOLENOIDS
- SPHEROMAKS
- STELLARATORS
- TOPOLOTRONS

TOROIDAL SHELLS

- GS SHELLS (STRUCTURAL FORMS)
- .. **TOROIDAL SHELLS**
- RT METAL SHELLS
- REINFORCED SHELLS
- SKIN (STRUCTURAL MEMBER)
- THIN WALLED SHELLS
- TORIDS

TOROIDAL WHEELS

- UF DOUGHNUT SHAPE WHEELS
- GS WHEELS
- .. **TOROIDAL WHEELS**
- RT ROVING VEHICLES
- SUSPENSION SYSTEMS (VEHICLES)
- TIRES
- VEHICLE WHEELS

TOROIDS

- RT ∞ COILS
- ∞ CURVES
- GEOMETRY
- INDUCTORS
- ION IMPACT
- MAGNET COILS
- MAGNETIC CORES
- TOROIDAL SHELLS
- TRANSFORMERS

TORPEDO ENGINES

- GS ENGINES
- .. **TORPEDO ENGINES**
- ... TURBOROCKET ENGINES
- ... ULLAGE ROCKET ENGINES
- ... VERNIER ENGINES
- ... CONTROL ROCKETS
- ... SYNCOM APOGEE ENGINES
- ... YLR-101-NA-13 ENGINE
- ... YLR-101-NA-15 ENGINE
- RT INTERNAL COMBUSTION ENGINES
- ROCKET PROPELLANTS
- TURBINE ENGINES
- UNDERWATER PROPULSION

TORPEDOES

- UF RETORC (TORPEDOES)
- GS EXPLOSIVE DEVICES
- .. **TORPEDOES**
- RT AMMUNITION
- ANTISUBMARINE WARFARE
- ASROC ENGINE
- BOMBS (ORDNANCE)
- ∞ CONFIGURATIONS
- COUNTERMEASURES
- EXPLOSIVES

TORPEDOES-(CONT.)

- HYDROBALLISTICS
- MISSILES
- NUCLEAR WEAPONS
- PROPELLANTS
- ∞ ROCKETS
- SEA LAUNCHING
- SHAPED CHARGES
- SUBMERGED BODIES
- UNDERWATER TRAJECTORIES
- WARHEADS
- WEAPONS

TORQUE

- UF HINGE MOMENTS
- GS MOMENTS
- .. **TORQUE**
- RT BENDING MOMENTS
- ∞ FORCE
- LOADING MOMENTS
- MOMENTS OF INERTIA
- PITCHING MOMENTS
- ROLLING MOMENTS
- ROTATION
- SHAFTS (MACHINE ELEMENTS)
- TORQUEMETERS
- TORSION
- TORSIONAL STRESS
- TORSIONAL VIBRATION
- TWISTING
- YAWING MOMENTS

TORQUE CONVERTERS

- RT POWER CONVERTERS
- TRANSMISSIONS (MACHINE ELEMENTS)

TORQUE MEASURING APPARATUS

- USE TORQUEMETERS

TORQUE MOTORS

- GS MOTORS
- .. ELECTRIC MOTORS
- ... **TORQUE MOTORS**
- RT ACTUATORS
- SERVOMOTORS
- TRANSMISSIONS (MACHINE ELEMENTS)

TORQUEMETERS

- UF TORQUE MEASURING APPARATUS
- GS MEASURING INSTRUMENTS
- .. **TORQUEMETERS**
- RT DYNAMOMETERS
- MECHANICAL MEASUREMENT
- TORQUE

TORQUERS

- GS TRANSDUCERS
- .. **TORQUERS**
- RT DEGREES OF FREEDOM
- GYROSCOPES
- SEA KEEPING

TORRES STRAIT

- GS PASSAGEWAYS
- .. STRAITS
- ... **TORRES STRAIT**
- RT AUSTRALIA
- NEW GUINEA (ISLAND)

TORSION

- RT BUCKLING
- DEFLECTION
- DEFORMATION
- ∞ FORCE
- MOMENTS
- TEMPERATURE INVERSIONS
- TORQUE
- TORSIONAL STRESS
- TORSIONAL VIBRATION
- TWISTING

TORSIONAL STRESS

- GS STRESSES
- .. SHEAR STRESS
- ... **TORSIONAL STRESS**
- RT TORQUE
- TORSION

TORSIONAL VIBRATION

- GS VIBRATION
- .. STRUCTURAL VIBRATION
- ... **TORSIONAL VIBRATION**
- RT MISSILE VIBRATION
- RANDOM VIBRATION

TORSIONAL VIBRATION-(CONT.)

- SELF INDUCED VIBRATION
- SHEAR STRAIN
- TORQUE
- TORSION
- TWISTING

TORSO

- GS ANATOMY
- .. **TORSO**
- RT CHEST

TORUSES

- GS GEOMETRY
- .. EUCLIDEAN GEOMETRY
- ... ANALYTIC GEOMETRY
- ... **TORUSES**
- SYMMETRICAL BODIES
- BODIES OF REVOLUTION
- .. **TORUSES**
- RT DESCRIPTIVE GEOMETRY
- LOOPS
- ∞ RINGS
- TOPOLOGY

TORY 2 REACTOR

- GS NUCLEAR ELECTRIC POWER
- GENERATION
- .. NUCLEAR POWER REACTORS
- ... **TORY 2 REACTOR**
- NUCLEAR REACTORS
- GAS COOLED REACTORS
- .. **TORY 2 REACTOR**
- NUCLEAR POWER REACTORS
- .. **TORY 2 REACTOR**
- NUCLEAR RESEARCH AND TEST
- REACTORS
- .. **TORY 2 REACTOR**

TORY 2-A REACTOR

- GS NUCLEAR ELECTRIC POWER
- GENERATION
- .. NUCLEAR POWER REACTORS
- ... **TORY 2-A REACTOR**
- NUCLEAR REACTORS
- GAS COOLED REACTORS
- .. **TORY 2-A REACTOR**
- NUCLEAR POWER REACTORS
- .. **TORY 2-A REACTOR**
- NUCLEAR RESEARCH AND TEST
- REACTORS
- .. **TORY 2-A REACTOR**

TORY 2-C REACTOR

- GS NUCLEAR ELECTRIC POWER
- GENERATION
- .. NUCLEAR POWER REACTORS
- ... **TORY 2-C REACTOR**
- NUCLEAR REACTORS
- GAS COOLED REACTORS
- .. **TORY 2-C REACTOR**
- NUCLEAR POWER REACTORS
- .. **TORY 2-C REACTOR**
- NUCLEAR RESEARCH AND TEST
- REACTORS
- .. **TORY 2-C REACTOR**

TOS-A

- USE ESSA 3 SATELLITE

TOTAL ENERGY SYSTEMS

- GS **TOTAL ENERGY SYSTEMS**
- .. SOLAR TOTAL ENERGY SYSTEMS
- RT INTEGRATED ENERGY SYSTEMS
- PHOSPHORIC ACID FUEL CELLS

TOUCH

- UF CUTANEOUS PERCEPTION
- TACTILE SENSATION
- PERCEPTION
- .. **SENSORY PERCEPTION**
- ... **TOUCH**
- ... TACTILE DISCRIMINATION
- RT ELECTROCUTANEOUS COMMUNICATION
- SKIN (ANATOMY)

TOUCHDOWN

- GS LANDING
- .. **TOUCHDOWN**
- RT AIRCRAFT LANDING
- APPROACH
- APPROACH AND LANDING TESTS (STS)
- DOWNRANGE
- SPACECRAFT LANDING

TOUGHNESS

TOUCHDOWN-(CONT.)

VERTICAL LANDING
VERTICAL MOTION
WATER LANDING

TOUGHNESS

GS MECHANICAL PROPERTIES
. **TOUGHNESS**
. . . NOTCH SENSITIVITY
RT ABRASION RESISTANCE
BRITTLENESS
COMPRESSIVE STRENGTH
CRACK INITIATION
DUCTILITY
FRACTURE STRENGTH
HARDNESS
IMPACT TESTS
J INTEGRAL
SHEAR PROPERTIES
TENSILE STRENGTH

TOURMALINE

GS ALUMINUM COMPOUNDS
. **TOURMALINE**
BORON COMPOUNDS
. **TOURMALINE**
MINERALS
. **TOURMALINE**
SILICON COMPOUNDS
. SILICATES
. . . SODIUM SILICATES
. . . **TOURMALINE**
SODIUM COMPOUNDS
. SODIUM SILICATES
. . **TOURMALINE**
RT IGNEOUS ROCKS

TOURNESOLE SATELLITE

USE D-2 SATELLITES

TOURNIQUETS

GS MEDICAL EQUIPMENT
. **TOURNIQUETS**
RT BLOOD CIRCULATION
BLOOD FLOW
FIRST AID

TOW MISSILES

GS MISSILES
. SURFACE TO SURFACE MISSILES
. . . ANTITANK MISSILES
. . . **TOW MISSILES**

TOWED BODIES

UF DROGUES
TOWED TARGETS
RT AIRCRAFT BRAKES
∞ BODIES
BRAKES (FOR ARRESTING MOTION)
DRAG CHUTES
GLIDERS
LIFTING BODIES
PARACHUTES
SLEDS
STREAMLINED BODIES
SUBMERGED BODIES
TEST VEHICLES
TOWING
TRAILERS

TOWED TARGETS

USE TARGETS
TOWED BODIES

TOWER SHIELDING REACTOR 2

GS NUCLEAR REACTORS
. NUCLEAR RESEARCH AND TEST
REACTORS
. . **TOWER SHIELDING REACTOR 2**
RT RADIATION SHIELDING

TOWERS

GS **TOWERS**
. AIRPORT TOWERS
. UMBILICAL TOWERS
RT AIR TRAFFIC CONTROL
ANTENNAS
BRIDGES (STRUCTURES)
COLUMNS (SUPPORTS)
CONCRETE STRUCTURES
CONSTRUCTION INDUSTRY
CRANES
PYLONS
∞ STRUCTURES

TOWERS-(CONT.)

TANKS (CONTAINERS)

TOWING

RT CABLES (ROPES)
TOWED BODIES
TRACTORS
TRAILERS

TOWNSEND AVALANCHE

UF TOWNSEND SURFACES
GS AVALANCHES
RT **TOWNSEND AVALANCHE**
ELECTROMAGNETIC ABSORPTION
ELECTRON AVALANCHE
ION IMPACT
SECONDARY EMISSION

TOWNSEND DISCHARGE

GS ELECTRIC CURRENT
. ELECTRIC DISCHARGES
. . **TOWNSEND DISCHARGE**
. . . GAS DISCHARGES
. . . . TOROIDAL DISCHARGE
. RING DISCHARGE
RT ELECTRODELESS DISCHARGES
ION IMPACT

TOWNSEND SURFACES

USE TOWNSEND AVALANCHE

TOXIC DISEASES

UF POISONING (TOXICOLOGY)
GS DISEASES
. **TOXIC DISEASES**
. . CARBON MONOXIDE POISONING
. . LEAD POISONING
RT CLOSTRIDIUM BOTULINUM
DIPHTHERIA
HYPEROXIA
∞ POISONING
TOXICITY
TOXICOLOGY

TOXIC HAZARDS

GS HAZARDS
. **TOXIC HAZARDS**
RT AIRCRAFT HAZARDS
FLIGHT HAZARDS
∞ POISONING
TOXICITY

TOXICITY

GS **TOXICITY**
. CARBON MONOXIDE POISONING
. LEAD POISONING
RT ACIDOSIS
ALKALOSIS
CHEMICAL PROPERTIES
ENDANGERED SPECIES
HERBICIDES
HYPEROXIA
POISONS
TOXIC DISEASES
TOXIC HAZARDS
TOXICOLOGY
TOXINS AND ANTITOXINS
VIRULENCE

TOXICITY AND SAFETY HAZARD

GS IRRITATION
. **TOXICITY AND SAFETY HAZARD**
RT ACROLEINS
BENZENE POISONING
BERYLLIUM POISONING
CARBON TETRACHLORIDE POISONING
CHEMICAL PROPERTIES
HYDROCARBON POISONING
INTOXICATION

TOXICOLOGY

RT BENZENE POISONING
BERYLLIUM POISONING
CARBON TETRACHLORIDE POISONING
CURARE
ENDOTOXINS
FUNGICIDES
HAZARDS
HEMOPERFUSION
HYDROCARBON POISONING
INSECTICIDES
INTOXICATION
NONPOINT SOURCES
PESTICIDES

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TOXICOLOGY-(CONT.)

POLLUTION
RED TIDE
TOXIC DISEASES
TOXICITY
VACCINES

TOXINS AND ANTITOXINS

GS **TOXINS AND ANTITOXINS**
. ENDOTOXINS
RT IMMUNITY
KEROSENE POISONING
TOXICITY
VACCINES

TRAAC SATELLITE

USE TRANSIT ATTITUDE CONTROL
SATELLITE

TRACE CONTAMINANTS

GS CONTAMINANTS
. **TRACE CONTAMINANTS**
RT CHEMICAL ELEMENTS
IMPURITIES
POLLUTION TRANSPORT
PURITY
∞ TRACING

TRACE ELEMENTS

GS CHEMICAL ELEMENTS
. **TRACE ELEMENTS**
RT ISOTOPIC LABELING
∞ NUTRIENTS
PARTICLE TRACKS
∞ TRACERS
∞ TRACING

∞ TRACERS

SN *(USE OF A MORE SPECIFIC TERM IS
RECOMMENDED—CONSULT THE TERMS
LISTED BELOW)*
RT AMMUNITION
ISOTOPIC LABELING
MARKING
TRACE ELEMENTS

TRACHEA

GS ANATOMY
. RESPIRATORY SYSTEM
. . BRONCHIAL TUBE
. . . **TRACHEA**
RT BRONCHI
∞ TUBES

TRACHYTE

GS ROCKS
. IGNEOUS ROCKS
. . **TRACHYTE**
RT SOILS
SYENITE

∞ TRACING

SN *(USE OF A MORE SPECIFIC TERM IS
RECOMMENDED—CONSULT THE TERMS
LISTED BELOW)*
RT DRAWINGS
TRACE CONTAMINANTS
TRACE ELEMENTS

TRACKED VEHICLES

GS SURFACE VEHICLES
. MOTOR VEHICLES
. . TRACTORS
. . . **TRACKED VEHICLES**
RT CRAWLER TRACTORS
VEHICULAR TRACKS

TRACKING (POSITION)

UF TRACKING STUDIES
GS **TRACKING (POSITION)**
. COMPENSATORY TRACKING
. INFRARED TRACKING
. MISSILE TRACKING
. OPTICAL TRACKING
. PHOTOGRAPHIC TRACKING
. POLYSTATION DOPPLER TRACKING
SYSTEM
. PURSUIT TRACKING
. RADAR TRACKING
. RADIO TRACKING
. . WILDLIFE RADIOLOCATION
. RANGE AND RANGE RATE TRACKING
. SPACE DETECTION AND TRACKING
SYSTEM

TRACKING (POSITION)-(CONT.)

- . SPACECRAFT TRACKING
- . . . SATELLITE TRACKING
- . . . SATELLITE-TO-SATELLITE TRACKING
- . . . STAR TRACKERS
- . . . CCD STAR TRACKER
- . VIDEO LANDMARK ACQUISITION AND TRACKING
- RT AIR TRAFFIC CONTROL
- AIRCRAFT DETECTION
- APPROACH CONTROL
- DETECTION
- IDENTIFYING
- INSTRUMENT LANDING SYSTEMS
- LASER RANGER/TRACKER
- MULTISPECTRAL TRACKING
- TELESOPES
- POSITION (LOCATION)
- RANGEFINDING
- RAY TRACKING
- SOLAR SENSORS
- SOUND LOCALIZATION
- SOUND RANGING
- TRACKING PROBLEM
- ∞ TRACKS

TRACKING AND DATA RELAY SATELLITES

- USE TDR SATELLITES

TRACKING ANTENNAS

- USE DIRECTIONAL ANTENNAS

TRACKING FILTERS

- GS ELECTROMAGNETIC WAVE FILTERS
- . BANDPASS FILTERS
- . . . TRACKING FILTERS
- . . . ELECTRIC FILTERS
- . . . TRACKING FILTERS
- RT ADAPTIVE FILTERS
- BANDWIDTH
- PHASE LOCKED SYSTEMS
- VIDEO LANDMARK ACQUISITION AND TRACKING

TRACKING NETWORKS

- GS TRACKING NETWORKS
- . DEEP SPACE NETWORK
- . GLOBAL TRACKING NETWORK
- . MANNED SPACE FLIGHT NETWORK
- . MATTS (SYSTEMS)
- . POLYSTATION DOPPLER TRACKING SYSTEM
- . RADAR NETWORKS
- . SPACE DETECTION AND TRACKING SYSTEM
- . SPACE FLIGHT TRACKING AND DATA NETWORK
- . STDN (NETWORK)
- RT ADVANCED RANGE INSTRUMENTATION SHIP
- DATA ACQUISITION
- GROUND SUPPORT EQUIPMENT
- MINITRACK SYSTEM
- MISSILE TRACKING
- ∞ NETWORKS
- ORION (RADIO INTERFEROMETRY NETWORK)
- SATELLITE TRACKING
- SATELLITE-TO-SATELLITE TRACKING
- SPACECRAFT TRACKING

TRACKING PROBLEM

- RT AUTOMATIC CONTROL
- CONTROL THEORY
- FEEDBACK CONTROL
- LINEAR SYSTEMS
- NONLINEAR SYSTEMS
- OPTIMAL CONTROL
- OUTPUT
- ∞ PROBLEMS
- TRACKING (POSITION)
- TRAJECTORY CONTROL
- TRAJECTORY OPTIMIZATION

TRACKING RADAR

- GS RADAR
- . TRACKING RADAR
- . . COBRA DANE (RADAR)
- RT COHERENT RADAR
- CONTINUOUS WAVE RADAR
- DIGITAL RADAR SYSTEMS
- MONOPULSE RADAR
- PULSE RADAR
- RADAR TRACKING
- SATELLITE-BORNE RADAR

TRACKING RADAR-(CONT.)

- SEARCH RADAR
- SURVEILLANCE RADAR
- TRADEX RADAR SYSTEM
- TRAJECTORY MEASUREMENT

TRACKING STATIONS

- GS STATIONS
- . TRACKING STATIONS
- . . DEEP SPACE INSTRUMENTATION FACILITY
- . . GLOBAL TRACKING NETWORK
- . . POLYSTATION DOPPLER TRACKING SYSTEM
- . . SPACE DETECTION AND TRACKING SYSTEM
- . . STDN (NETWORK)
- RT EDITAR SYSTEM
- ∞ FENCES
- GROUND STATIONS
- GROUND SUPPORT EQUIPMENT
- JODRELL BANK OBSERVATORY
- ∞ MARS
- MINITRACK SYSTEM
- MISSILE TRACKING
- RADAR NETWORKS
- SATELLITE TRACKING
- SPACE FLIGHT TRACKING AND DATA NETWORK
- SPACECRAFT TRACKING

TRACKING STUDIES

- USE TRACKING (POSITION)

∞ TRACKS

- SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)*
- UF TRAILS
- RT CONVEYORS
- GROUND TRACKS
- METEOR TRAILS
- MINITRACK SYSTEM
- PARTICLE TRACKS
- PARTICLE TRAJECTORIES
- SMOKE TRAILS
- TRACKING (POSITION)
- VEHICULAR TRACKS

TRACTION

- RT ADHESION
- FRICTION
- PULLING

TRACTORS

- GS SURFACE VEHICLES
- . MOTOR VEHICLES
- . . TRACTORS
- . . . CRAWLER TRACTORS
- . . . TRACKED VEHICLES
- RT AGRICULTURE
- ELECTRIC MOTOR VEHICLES
- GROUND HANDLING
- HANDLING EQUIPMENT
- MATERIALS HANDLING
- PLANTING
- PLOWING
- SLEDS
- TOWING
- TRANSPORTATION
- TRUCKS
- ∞ VEHICLES

TRACTS

- USE SITES

TRADEOFFS

- RT DECISION MAKING
- MANAGEMENT ANALYSIS
- MANAGEMENT PLANNING

TRADER AIRCRAFT

- USE C-1A AIRCRAFT

TRADESCANTIA

- RT PLANTS (BOTANY)

TRADEX RADAR SYSTEM

- GS RADAR
- . TRADEX RADAR SYSTEM
- RT SEARCH RADAR
- TARGET RECOGNITION
- TRACKING RADAR

TRAFFIC

- GS TRAFFIC
- . AIR TRAFFIC
- RT ACCIDENTS
- AVOIDANCE
- HARBORS
- TRANSPORTATION

TRAFFIC CONTROL

- GS TRAFFIC CONTROL
- . AIR TRAFFIC CONTROL
- . . AUTOMATED EN ROUTE ATC
- . . RADAR APPROACH CONTROL
- RT AIR TRAFFIC CONTROLLERS (PERSONNEL)
- AIRPORT TOWERS
- APPROACH CONTROL
- AVOIDANCE
- COLLISION AVOIDANCE
- ∞ CONTROL
- GROUND BASED CONTROL
- NATIONAL AVIATION SYSTEM

TRAGACANTH

- GS PLANTS (BOTANY)
- . TRAGACANTH

TRAILBLAZER 1 REENTRY VEHICLE

- UF TRAILBLAZER 1 ROCKET VEHICLE
- GS REENTRY VEHICLES
- . TRAILBLAZER 1 REENTRY VEHICLE
- RT HONEST JOHN ROCKET VEHICLE
- LANCE MISSILE
- MULTISTAGE ROCKET VEHICLES
- NIKE-AJAX MISSILE
- ROCKET VEHICLES
- SOLID PROPELLANT ROCKET ENGINES

TRAILBLAZER 1 ROCKET VEHICLE

- USE TRAILBLAZER 1 REENTRY VEHICLE

TRAILBLAZER 2 REENTRY VEHICLE

- UF TRAILBLAZER 2 ROCKET VEHICLE
- GS REENTRY VEHICLES
- . TRAILBLAZER 2 REENTRY VEHICLE
- RT MULTISTAGE ROCKET VEHICLES
- ROCKET VEHICLES
- SOLID PROPELLANT ROCKET ENGINES
- TX-354 ENGINE

TRAILBLAZER 2 ROCKET VEHICLE

- USE TRAILBLAZER 2 REENTRY VEHICLE

TRAILERS

- RT AUTOMOBILES
- COUPLINGS
- SLEDS
- TANK TRUCKS
- TOWED BODIES
- TOWING
- TRUCKS

TRAILING EDGES

- GS EDGES
- . TRAILING EDGES
- . . BLUNT TRAILING EDGES
- RT AIRFOILS
- BLUNT LEADING EDGES
- LEADING EDGES
- VORTEX FLAPS

TRAILING-EDGE FLAPS

- UF VARIABLE AREA WINGS
- GS AIRFOILS
- . FLAPS (CONTROL SURFACES)
- . . WING FLAPS
- . . . TRAILING-EDGE FLAPS
- BRAKES (FOR ARRESTING MOTION)
- . AERODYNAMIC BRAKES
- . . WING FLAPS
- . . . TRAILING-EDGE FLAPS
- . AIRCRAFT BRAKES
- . . WING FLAPS
- . . . TRAILING-EDGE FLAPS
- CONTROL SURFACES
- . FLAPS (CONTROL SURFACES)
- . . WING FLAPS
- . . . TRAILING-EDGE FLAPS
- DRAG DEVICES
- . AERODYNAMIC BRAKES
- . . WING FLAPS
- . . . TRAILING-EDGE FLAPS
- RT JET FLAPS
- LEADING EDGE SLATS

TRAILS

TRAILING-EDGE FLAPS-(CONT.)
 SPLIT FLAPS
 VORTEX FLAPS

TRAILS
 USE TRACKS

TRAINEES
 USE STUDENTS

TRAINERS
 USE TRAINING DEVICES

TRAINING
 USE EDUCATION

TRAINING AIRCRAFT
 GS **TRAINING AIRCRAFT**
 . ALPHA JET AIRCRAFT
 . CL-41 AIRCRAFT
 . DH 115 AIRCRAFT
 . G-91 AIRCRAFT
 . JAGUAR AIRCRAFT
 . JET PROVOST AIRCRAFT
 . L-29 JET TRAINER
 . PZL M-4 AIRCRAFT
 . T-2 AIRCRAFT
 . T-28 AIRCRAFT
 . T-33 AIRCRAFT
 . T-37 AIRCRAFT
 . T-38 AIRCRAFT
 . T-39 AIRCRAFT
 . TS-11 AIRCRAFT
 RT ∞ AIRCRAFT
 BOMBER AIRCRAFT
 FIGHTER AIRCRAFT
 GENERAL AVIATION AIRCRAFT
 JET AIRCRAFT
 LIGHT AIRCRAFT
 ∞ MILITARY AIRCRAFT
 ∞ SUBSONIC AIRCRAFT

TRAINING ANALYSIS
 RT ∞ ANALYZING
 ∞ DEVELOPMENT
 EDUCATION
 HANDBOOKS
 LEARNING
 PERSONNEL DEVELOPMENT
 PLANNING
 RETRAINING

TRAINING DEVICES
 UF AUDIO VISUAL EQUIPMENT
 TRAINERS
 GS **TRAINING DEVICES**
 . TEACHING MACHINES
 RT ALTITUDE SIMULATION
 CHILD DEVICE
 ∞ COCKPIT SIMULATORS
 ∞ DEVICES
 EDUCATION
 EDUCATIONAL TELEVISION
 FLIGHT SIMULATORS
 ONBOARD EQUIPMENT
 SIMULATORS
 VISUAL AIDS

TRAINING EVALUATION
 GS EVALUATION
 . **TRAINING EVALUATION**
 RT CERTIFICATION
 EXAMINATION
 INSTRUCTORS
 KNOWLEDGE
 LEARNING
 ∞ PERFORMANCE
 REVIEWING
 SCHOOLS
 STUDENTS

TRAINING SIMULATORS
 UF SIMULATOR TRAINING
 GS SIMULATORS
 . **TRAINING SIMULATORS**
 . . FLIGHT SIMULATORS
 . . . COCKPIT SIMULATORS
 . . . SPACECRAFT CABIN SIMULATORS
 RT ASTRONAUT TRAINING
 CENTRIFUGES
 CONTROL SIMULATION
 FLIGHT SIMULATION
 FLIGHT TRAINING
 LANDING SIMULATION

TRAINING SIMULATORS-(CONT.)
 LUNAR ORBIT AND LANDING
 SIMULATORS
 ∞ MISSILE SIMULATORS
 PILOT TRAINING
 SPACE FLIGHT TRAINING

TRAJECTORIES
 GS **TRAJECTORIES**
 . ABORT TRAJECTORIES
 . ASCENT TRAJECTORIES
 . BALLISTIC TRAJECTORIES
 . DESCENT TRAJECTORIES
 . REENTRY TRAJECTORIES
 . HYPERBOLIC TRAJECTORIES
 . INTERORBITAL TRAJECTORIES
 . MIDCOURSE TRAJECTORIES
 . MISSILE TRAJECTORIES
 . MOLECULAR TRAJECTORIES
 . PARTICLE TRAJECTORIES
 . ELECTRON TRAJECTORIES
 . RENDEZVOUS TRAJECTORIES
 . ROUND TRIP TRAJECTORIES
 . CIRCUMLUNAR TRAJECTORIES
 . SPACECRAFT TRAJECTORIES
 . . EARTH-VENUS TRAJECTORIES
 . . INTERPLANETARY TRAJECTORIES
 . . . EARTH-MARS TRAJECTORIES
 . . . EARTH-MERCURY TRAJECTORIES
 . . . LUNAR TRAJECTORIES
 . . . CIRCUMLUNAR TRAJECTORIES
 . . . EARTH-MOON TRAJECTORIES
 . . . MOON-EARTH TRAJECTORIES
 . SPINNING UNGUIDED ROCKET
 TRAJECTORY
 . UNDERWATER TRAJECTORIES
 RT APEXES
 BALLISTICS
 ∞ CURVES
 DOWNRANGE
 EQUATIONS OF MOTION
 ∞ FLIGHT
 FLIGHT MECHANICS
 FLIGHT OPTIMIZATION
 FLIGHT PATHS
 FLIGHT TIME
 GREAT CIRCLES
 MISSILES
 ORBITS
 ORDNANCE
 PARABOLIC FLIGHT
 ∞ PATHS
 ROCKET FLIGHT
 SPACE FLIGHT
 TRANSFER ORBITS

TRAJECTORY ANALYSIS
 RT ∞ ANALYZING
 ∞ ASTRODYNAMICS
 BALLISTICS
 CAPTURE EFFECT
 CELESTIAL MECHANICS
 EQUATIONS OF MOTION
 GODDARD TRAJECTORY
 DETERMINATION SYSTEM
 IMPACT PREDICTION
 MATHEMATICAL MODELS
 NUMERICAL ANALYSIS
 ORBITAL MECHANICS
 PREFLIGHT ANALYSIS
 SYSTEMS ANALYSIS

TRAJECTORY CONTROL
 UF RANGE CONTROL
 GS **TRAJECTORY CONTROL**
 . TRAJECTORY OPTIMIZATION
 RT ATTITUDE CONTROL
 ∞ CONTROL
 DRIFT RATE
 GUIDANCE (MOTION)
 HOMING DEVICES
 LANDING SITES
 OPTIMAL CONTROL
 OPTIMIZATION
 POST BOOST PROPULSION SYSTEM
 RANGE SAFETY
 THRUST PROGRAMMING
 TRACKING PROBLEM

TRAJECTORY MEASUREMENT
 RT BALLISTIC CAMERAS
 BALLISTICS
 FLIGHT MECHANICS
 ∞ MEASUREMENT
 TELEMETRY

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TRAJECTORY MEASUREMENT-(CONT.)
 TRACKING RADAR

TRAJECTORY OPTIMIZATION
 GS OPTIMIZATION
 . **TRAJECTORY OPTIMIZATION**
 . TRAJECTORY CONTROL
 . **TRAJECTORY OPTIMIZATION**
 RT AIRCRAFT MANEUVERS
 FLIGHT MECHANICS
 FLIGHT OPTIMIZATION
 GODDARD TRAJECTORY
 DETERMINATION SYSTEM
 TRACKING PROBLEM

TRANQUILIZERS
 GS DRUGS
 . **TRANQUILIZERS**
 RT CENTRAL NERVOUS SYSTEM
 DEPRESSANTS
 HYPERTENSION
 SEDATIVES

TRANSALL C-160 AIRCRAFT
 USE C-160 AIRCRAFT

TRANSCIEVERS
 USE TRANSMITTER RECEIVERS

TRANSCENDENTAL FUNCTIONS
 GS FUNCTIONS (MATHEMATICS)
 . **TRANSCENDENTAL FUNCTIONS**
 . . EXPONENTIAL FUNCTIONS
 . . . LOGARITHMS
 . . PERIODIC FUNCTIONS
 . . . TRIGONOMETRIC FUNCTIONS
 . . . COSINE SERIES
 . . . SINE SERIES
 . . . TANGENTS

TRANSCONTINENTAL SYSTEMS
 RT CONTINENTS
 ∞ SYSTEMS
 TELECOMMUNICATION
 TRANSPORTATION

TRANSDUCERS
 GS **TRANSDUCERS**
 . DIGITAL TRANSDUCERS
 . ELECTRONIC TRANSDUCERS
 . IMAGE TRANSDUCERS
 . MAGNETIC TRANSDUCERS
 . MODE TRANSFORMERS
 . PIEZOELECTRIC TRANSDUCERS
 . . PIEZOELECTRIC GAGES
 . PIEZORESISTIVE TRANSDUCERS
 . . PIEZOELECTRIC GAGES
 . PRESSURE SENSORS
 . BOURDON TUBES
 . QUARTZ TRANSDUCERS
 . SOUND TRANSDUCERS
 . . ELECTROACOUSTIC TRANSDUCERS
 . . . HYDROPHONES
 . . . LOUDSPEAKERS
 . . . MICROPHONES
 . THERMOPILES
 . TORQUERS
 . ULTRASONIC WAVE TRANSDUCERS
 RT BULK ACOUSTIC WAVE DEVICES
 CONTROL EQUIPMENT
 ∞ CONVERTERS
 DATA CONVERTERS
 ∞ DETECTORS
 ENERGY CONVERSION EFFICIENCY
 EXTENSOMETERS
 FORM FACTORS
 INSTRUMENT RECEIVERS
 INSTRUMENT TRANSMITTERS
 ∞ INSTRUMENTS
 MEASURING INSTRUMENTS
 METEOROLOGICAL INSTRUMENTS
 PHOTOELECTRIC CELLS
 ∞ PROBES
 RECORDING INSTRUMENTS
 REMOTE SENSORS
 ∞ SENSORS
 STRAIN GAGES
 TEMPERATURE MEASURING
 INSTRUMENTS
 ULTRASONIC CLEANING
 VIBRATION METERS

TRANSEARTH INJECTION
 GS INJECTION
 . **TRANSEARTH INJECTION**

TRANSEARTH INJECTION-(CONT.)

RT INJECTION GUIDANCE
MIDCOURSE GUIDANCE
ORBITAL MECHANICS
TRANSFER ORBITS

TRANSEQUATORIAL PROPAGATION

GS TRANSMISSION
. ELECTROMAGNETIC WAVE
TRANSMISSION
. RADIO TRANSMISSION
. . . TRANSEQUATORIAL PROPAGATION
SIGNAL TRANSMISSION
. RADIO TRANSMISSION
. . . TRANSEQUATORIAL PROPAGATION
WAVE PROPAGATION
. . . TRANSEQUATORIAL PROPAGATION
RT EQUATORS
F 2 REGION
∞ PROPAGATION

TRANSFER

USE TRANSFERRING

TRANSFER FUNCTIONS

GS FUNCTIONS (MATHEMATICS)
. TRANSFER FUNCTIONS
. . MODULATION TRANSFER FUNCTION
. . OPTICAL TRANSFER FUNCTION
RT AMPLIFICATION
AUTOMATIC CONTROL
BANDWIDTH
COUPLING COEFFICIENTS
DAMPING
DYNAMIC CHARACTERISTICS
DYNAMIC RESPONSE
FEEDBACK
FEEDBACK CIRCUITS
HIGH GAIN
IMPEDANCE MATCHING
LOGARITHMIC RECEIVERS
NEGATIVE FEEDBACK
NONLINEAR FEEDBACK
NYQUIST DIAGRAM
OUTPUT
POSITIVE FEEDBACK
SELF OSCILLATION
SENSITIVITY
∞ SYSTEMS
TIME CONSTANT
TRANSIENT RESPONSE

TRANSFER OF TRAINING

GS LEARNING
. TRANSFER OF TRAINING
RT ABILITIES
EDUCATION
GENERALIZATION (PSYCHOLOGY)

TRANSFER ORBITS

UF HOHMANN TRAJECTORIES
HOHMANN TRANSFER ORBITS
ORBITAL TRANSFER
ORBITS
GS ELLIPTICAL ORBITS
. TRANSFER ORBITS
. . INTERPLANETARY TRANSFER
ORBITS
. SPACECRAFT ORBITS
. TRANSFER ORBITS
. . INTERPLANETARY TRANSFER
ORBITS
RT CIRCULUNAR TRAJECTORIES
EARTH ORBITAL RENDEZVOUS
EARTH ORBITS
EARTH-MARS TRAJECTORIES
EARTH-MERCURY TRAJECTORIES
EARTH-MOON TRAJECTORIES
EARTH-VENUS TRAJECTORIES
INTERPLANETARY TRAJECTORIES
LUNAR ORBITS
LUNAR TRAJECTORIES
MOON-EARTH TRAJECTORIES
ORBITAL LAUNCHING
ORBITAL MECHANICS
PARKING ORBITS
PLANETARY ORBITS
SATELLITE ORBITS
SOLAR ORBITS
SPACE RENDEZVOUS
SPACECRAFT DOCKING
TRAJECTORIES
TRANSEARTH INJECTION
TRANSFERRING
TRANSLUNAR INJECTION

TRANSFER TUNNELS

GS PASSAGEWAYS
. TRANSFER TUNNELS
RT ENTRANCES
∞ TUNNELS

TRANSFERRED ELECTRON DEVICES

UF TED
GS ELECTRONIC EQUIPMENT
. SOLID STATE DEVICES
. . SEMICONDUCTOR DEVICES
. . . TRANSFERRED ELECTRON DEVICES
RT ELECTRON TRANSFER
GALLIUM ARSENIDES
INDIUM PHOSPHIDES
MICROWAVE AMPLIFIERS
MICROWAVE OSCILLATORS

TRANSFERRING

UF TRANSFER
GS TRANSFERRING
. DROP TRANSFER
CHARGE TRANSFER
ELECTRON TRANSFER
ENERGY TRANSFER
EXCHANGING
HEAT TRANSFER
MASS TRANSFER
MATERIALS HANDLING
MOMENTUM TRANSFER
∞ SHIFT
TECHNOLOGY TRANSFER
TRANSFER ORBITS
TRANSPORTATION

TRANSFORM INTEGRALS

USE INTEGRAL TRANSFORMATIONS

TRANSFORMATION TENSORS

USE TENSORS

∞ TRANSFORMATIONS

SN *(USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)*
RT FUJITA METHOD
FUNCTIONS (MATHEMATICS)
ORDER-DISORDER TRANSFORMATIONS
PHASE TRANSFORMATIONS
TRANSFORMATIONS (MATHEMATICS)

TRANSFORMATIONS (MATHEMATICS)

UF TRANSFORMS
GS TRANSFORMATIONS (MATHEMATICS)
. COORDINATE TRANSFORMATIONS
. FOURIER-BESSEL TRANSFORMATIONS
. HOUSEHOLDER TRANSFORMATIONS
. INTEGRAL TRANSFORMATIONS
. . FAST FOURIER TRANSFORMATIONS
. . LAPLACE TRANSFORMATION
RT FUJITA METHOD
FUNCTIONS (MATHEMATICS)
GAUGE INVARIANCE
RACAII COEFFICIENT
∞ TRANSFORMATIONS

TRANSFORMERS

GS TRANSFORMERS
. INSTRUMENT TRANSFORMERS
. MODE TRANSFORMERS
. VOLTAGE CONVERTERS (AC TO AC)
RT AMPLIFIERS
BALLASTS (IMPEDANCES)
CIRCUIT PROTECTION
∞ CONVERTERS
COUPLING CIRCUITS
DIPLEXERS
ELECTRIC COILS
ELECTRIC FILTERS
ELECTRIC MOTORS
ELECTRIC REACTORS
ELECTRICAL GROUNDING
INDUCTANCE
MAGNET COILS
MAGNETIC CIRCUITS
MAGNETIC CORES
OSCILLATORS
PHASE CONTROL
PLASMA CONTROL
POWER SUPPLY CIRCUITS
RESOLVERS
SATURABLE REACTORS
SOLID STATE DEVICES
TOROIDS
UP-CONVERTERS

TRANSFORMERS-(CONT.)

VOLTAGE REGULATORS

TRANSFORMS

USE TRANSFORMATIONS (MATHEMATICS)

TRANSFUSION

RT BLOOD
FIRST AID
MEDICAL SCIENCE
SYRINGES
VEINS

TRANSGRANULAR CORROSION

GS CHEMICAL ATTACK
. TRANSGRANULAR CORROSION
CORROSION
. TRANSGRANULAR CORROSION
CORROSION TESTS
INTERGRANULAR CORROSION
METAL FATIGUE
PROTECTIVE COATINGS
STRESS CORROSION

TRANSHORIZON RADIO PROPAGATION

GS TRANSMISSION
. ELECTROMAGNETIC WAVE
TRANSMISSION
. RADIO TRANSMISSION
. . . TRANSHORIZON RADIO
PROPAGATION
. SIGNAL TRANSMISSION
. . RADIO TRANSMISSION
. . . TRANSHORIZON RADIO
PROPAGATION
RT RADIO ATTENUATION
RADIO SIGNALS

TRANSIENT HEATING

GS HEATING
. TRANSIENT HEATING
. . PULSE HEATING
. . SHOCK HEATING
RT AERODYNAMIC HEATING

TRANSIENT LOADS

SN *(LIMITED TO FORCE LOADS)*
GS LOADS (FORCES)
. DYNAMIC LOADS
. TRANSIENT LOADS
. . GUST LOADS
. . IMPACT LOADS
. . LANDING LOADS
. . SHOCK LOADS
. . . BLAST LOADS
RT AERODYNAMIC LOADS
CYCLIC LOADS
RANDOM LOADS
STRUCTURAL DESIGN CRITERIA

TRANSIENT OSCILLATIONS

GS OSCILLATIONS
. TRANSIENT OSCILLATIONS
RT DAMPING
ELECTRON OSCILLATIONS
LASERS
MASERS
STIMULATED EMISSION DEVICES
TRANSVERSE OSCILLATION
VIBRATIONAL SPECTRA

TRANSIENT PRESSURES

GS PRESSURE
. TRANSIENT PRESSURES
RT MASS FLOW RATE
PRESSURE SENSORS

TRANSIENT REACTOR TEST FACILITY

UF TREAT (TEST FACILITY)
GS TEST FACILITIES
. TRANSIENT REACTOR TEST FACILITY
RT NUCLEAR RESEARCH AND TEST
REACTORS
REACTOR SAFETY
SNAP

TRANSIENT RESPONSE

GS DYNAMIC CHARACTERISTICS
. TRANSIENT RESPONSE
RESPONSES
. DYNAMIC RESPONSE
. . TRANSIENT RESPONSE
AMPLIFICATION
∞ COMPENSATION

TRANSIENTS (SURGES)

TRANSIENT RESPONSE-(CONT.)

DAMPING
DYNAMIC STABILITY
IMPEDANCE
PRESSURE SENSORS
RESONANT FREQUENCIES
RESPONSE BIAS
SENSITIVITY
STROKING TESTS
TIME CONSTANT
TRANSFER FUNCTIONS

TRANSIENTS (SURGES)

USE SURGES

TRANSISTOR AMPLIFIERS

GS AMPLIFIERS
 . TRANSISTOR AMPLIFIERS
 ELECTRONIC EQUIPMENT
 . SOLID STATE DEVICES
 . SEMICONDUCTOR DEVICES
 . . . TRANSISTOR AMPLIFIERS
RT CURRENT AMPLIFIERS
 DIFFERENTIAL AMPLIFIERS
 FEEDBACK AMPLIFIERS
 INTERMEDIATE FREQUENCY AMPLIFIERS
 OPERATIONAL AMPLIFIERS
 POWER AMPLIFIERS
 PREAMPLIFIERS
 TRANSISTORS

TRANSISTOR CIRCUITS

GS CIRCUITS
 . TRANSISTOR CIRCUITS
RT DTL INTEGRATED CIRCUITS
 . ELECTRONICS
 HYBRID CIRCUITS
 INTEGRATED CIRCUITS
 LINEAR INTEGRATED CIRCUITS
 LOGIC CIRCUITS
 MICROELECTRONICS
 PRINTED CIRCUITS
 TTL INTEGRATED CIRCUITS

TRANSISTOR LOGIC

RT BOOLEAN ALGEBRA
 . LOGIC
 LOGIC CIRCUITS
 LOGIC DESIGN
 THRESHOLD LOGIC

TRANSISTOR-TRANSISTOR-LOGIC INTEG CIRCUITS

USE TTL INTEGRATED CIRCUITS

TRANSISTORS

GS ELECTRONIC EQUIPMENT
 . SOLID STATE DEVICES
 . SEMICONDUCTOR DEVICES
 . . . TRANSISTORS
 . . . BIPOLAR TRANSISTORS
 . . . FIELD EFFECT TRANSISTORS
 . . . CHARGE FLOW DEVICES
 . . . JFET
 . . . JUNCTION TRANSISTORS
 . . . JFET
 . . . PHOTOTRANSISTORS
 . . . SILICON TRANSISTORS
 . . . SOS (SEMICONDUCTORS)
RT GERMANIUM DIODES
 ION IMPLANTATION
 MINIATURIZATION
 PENTODES
 SIS (SEMICONDUCTORS)
 TETRODES
 TRANSISTOR AMPLIFIERS
 TRAPATT DEVICES
 TRIODES

TRANSIT

SN (USE OF A MORE SPECIFIC TERM IS
 RECOMMENDED—CONSULT THE TERMS
 LISTED BELOW)
RT OCCULTATION
 TRANSIT SATELLITES
 TRANSITS

TRANSIT ATTITUDE CONTROL SATELLITE

UF TRAAC SATELLITE
GS SATELLITES
 . ARTIFICIAL SATELLITES
 . . NAVIGATION SATELLITES
 . . . TRANSIT ATTITUDE CONTROL
 SATELLITE
 . EARTH SATELLITES
 . . NAVIGATION SATELLITES

TRANSIT ATTITUDE CONTROL-(CONT.)

. . . TRANSIT ATTITUDE CONTROL
 SATELLITE
 UNMANNED SPACECRAFT
 . NAVIGATION SATELLITES
 . . TRANSIT ATTITUDE CONTROL
 SATELLITE
RT SATELLITE ATTITUDE CONTROL

TRANSIT SATELLITES

GS SATELLITES
 . ARTIFICIAL SATELLITES
 . . NAVIGATION SATELLITES
 . . . TRANSIT SATELLITES
 . . . TRANSIT 1A SATELLITE
 . . . TRANSIT 1B SATELLITE
 . . . TRANSIT 2A SATELLITE
 . . . TRANSIT 3B SATELLITE
 . . . TRANSIT 4A SATELLITE
 . . . TRANSIT 4B SATELLITE
 . . . TRANSIT 5A SATELLITE
 . EARTH SATELLITES
 . . NAVIGATION SATELLITES
 . . . TRANSIT SATELLITES
 . . . TRANSIT 1A SATELLITE
 . . . TRANSIT 1B SATELLITE
 . . . TRANSIT 2A SATELLITE
 . . . TRANSIT 3B SATELLITE
 . . . TRANSIT 4A SATELLITE
 . . . TRANSIT 4B SATELLITE
 . . . TRANSIT 5A SATELLITE
 UNMANNED SPACECRAFT
 . NAVIGATION SATELLITES
 . . TRANSIT SATELLITES
 . . . TRANSIT 1A SATELLITE
 . . . TRANSIT 1B SATELLITE
 . . . TRANSIT 2A SATELLITE
 . . . TRANSIT 3B SATELLITE
 . . . TRANSIT 4A SATELLITE
 . . . TRANSIT 4B SATELLITE
 . . . TRANSIT 5A SATELLITE
RT DISCOS (SATELLITE ATTITUDE
 CONTROL)
 . . TRANSIT

TRANSIT TIME

SN (NOT LIMITED TO ASTRONOMICAL
 TIMES OF TRANSIT)
GS TIME
 . TRANSIT TIME
RT BARRITT DIODES
 CATT DEVICES
 FLIGHT TIME
 . . MOTION

TRANSIT 1A SATELLITE

GS SATELLITES
 . ARTIFICIAL SATELLITES
 . . NAVIGATION SATELLITES
 . . . TRANSIT SATELLITES
 . . . TRANSIT 1A SATELLITE
 . EARTH SATELLITES
 . . NAVIGATION SATELLITES
 . . . TRANSIT SATELLITES
 . . . TRANSIT 1A SATELLITE
 UNMANNED SPACECRAFT
 . NAVIGATION SATELLITES
 . . TRANSIT SATELLITES
 . . . TRANSIT 1A SATELLITE

TRANSIT 1B SATELLITE

GS SATELLITES
 . ARTIFICIAL SATELLITES
 . . NAVIGATION SATELLITES
 . . . TRANSIT SATELLITES
 . . . TRANSIT 1B SATELLITE
 . EARTH SATELLITES
 . . NAVIGATION SATELLITES
 . . . TRANSIT SATELLITES
 . . . TRANSIT 1B SATELLITE
 UNMANNED SPACECRAFT
 . NAVIGATION SATELLITES
 . . TRANSIT SATELLITES
 . . . TRANSIT 1B SATELLITE

TRANSIT 2A SATELLITE

GS SATELLITES
 . ARTIFICIAL SATELLITES
 . . NAVIGATION SATELLITES
 . . . TRANSIT SATELLITES
 . . . TRANSIT 2A SATELLITE
 . EARTH SATELLITES
 . . NAVIGATION SATELLITES
 . . . TRANSIT SATELLITES
 . . . TRANSIT 2A SATELLITE

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TRANSIT 2A SATELLITE-(CONT.)

UNMANNED SPACECRAFT
 . NAVIGATION SATELLITES
 . . TRANSIT SATELLITES
 . . . TRANSIT 2A SATELLITE

TRANSIT 3B SATELLITE

GS SATELLITES
 . ARTIFICIAL SATELLITES
 . . NAVIGATION SATELLITES
 . . . TRANSIT SATELLITES
 . . . TRANSIT 3B SATELLITE
 . EARTH SATELLITES
 . . NAVIGATION SATELLITES
 . . . TRANSIT SATELLITES
 . . . TRANSIT 3B SATELLITE
 UNMANNED SPACECRAFT
 . NAVIGATION SATELLITES
 . . TRANSIT SATELLITES
 . . . TRANSIT 3B SATELLITE

TRANSIT 4A SATELLITE

GS SATELLITES
 . ARTIFICIAL SATELLITES
 . . NAVIGATION SATELLITES
 . . . TRANSIT SATELLITES
 . . . TRANSIT 4A SATELLITE
 . EARTH SATELLITES
 . . NAVIGATION SATELLITES
 . . . TRANSIT SATELLITES
 . . . TRANSIT 4A SATELLITE
 UNMANNED SPACECRAFT
 . NAVIGATION SATELLITES
 . . TRANSIT SATELLITES
 . . . TRANSIT 4A SATELLITE

TRANSIT 4B SATELLITE

GS SATELLITES
 . ARTIFICIAL SATELLITES
 . . NAVIGATION SATELLITES
 . . . TRANSIT SATELLITES
 . . . TRANSIT 4B SATELLITE
 . EARTH SATELLITES
 . . NAVIGATION SATELLITES
 . . . TRANSIT SATELLITES
 . . . TRANSIT 4B SATELLITE
 UNMANNED SPACECRAFT
 . NAVIGATION SATELLITES
 . . TRANSIT SATELLITES
 . . . TRANSIT 4B SATELLITE

TRANSIT 5A SATELLITE

GS SATELLITES
 . ARTIFICIAL SATELLITES
 . . NAVIGATION SATELLITES
 . . . TRANSIT SATELLITES
 . . . TRANSIT 5A SATELLITE
 . EARTH SATELLITES
 . . NAVIGATION SATELLITES
 . . . TRANSIT SATELLITES
 . . . TRANSIT 5A SATELLITE
 UNMANNED SPACECRAFT
 . NAVIGATION SATELLITES
 . . TRANSIT SATELLITES
 . . . TRANSIT 5A SATELLITE

TRANSITION

SN (USE OF A MORE SPECIFIC TERM IS
 RECOMMENDED—CONSULT THE TERMS
 LISTED BELOW)
RT BOUNDARY LAYER TRANSITION
 ELECTRON TRANSITIONS
 FORBIDDEN TRANSITIONS
 PHASE TRANSFORMATIONS

TRANSITION FLOW

GS FLUID FLOW
 . GAS FLOW
 . . MOLECULAR FLOW
 . . . TRANSITION FLOW
RT BOUNDARY LAYER TRANSITION
 FREE MOLECULAR FLOW
 RAREFIED GAS DYNAMICS
 SLIP FLOW

TRANSITION LAYERS

SN (USE OF A MORE SPECIFIC TERM IS
 RECOMMENDED—CONSULT THE TERMS
 LISTED BELOW)
RT BOUNDARY LAYER TRANSITION
 INTERLAYERS
 LAMINAR FLOW
 PLASMA LAYERS
 SHEAR LAYERS
 SHOCK LAYERS

TRANSITION LAYERS-(CONT.)

SHOCK WAVES
SURFACE LAYERS
TURBULENT FLOW

TRANSITION METALS

GS METALS
 . **TRANSITION METALS**
 . . CADMIUM
 . . . CADMIUM ISOTOPES
 . . COBALT
 . . . COBALT ISOTOPES
 COBALT 58
 COBALT 60
 . . GOLD
 . . . GOLD ISOTOPES
 GOLD 198
 . . HAFNIUM
 . . . HAFNIUM ISOTOPES
 . . IRON
 . . . IRON ISOTOPES
 IRON 57
 IRON 58
 IRON 59
 . . MANGANESE
 . . . MANGANESE ISOTOPES
 . . NICKEL
 . . . NICKEL ISOTOPES
 . . PALLADIUM
 . . PLATINUM
 . . . PLATINUM BLACK
 . . . PLATINUM ISOTOPES
 . . REFRACTORY METALS
 . . CHROMIUM
 . . . CHROMIUM ISOTOPES
 . . IRIDIUM
 . . . IRIDIUM ISOTOPES
 . . MOLYBDENUM
 . . NIOBIUM
 . . . NIOBIUM ISOTOPES
 NIOBIUM 95
 . . OSMIUM
 . . . OSMIUM ISOTOPES
 . . RHENIUM
 . . . RHENIUM ISOTOPES
 . . TANTALUM
 . . . TANTALUM ISOTOPES
 . . TUNGSTEN
 . . . TUNGSTEN ISOTOPES
 . . RHODIUM
 . . . RHODIUM ISOTOPES
 . . RUTHENIUM
 . . . RUTHENIUM ISOTOPES
 . . SCANDIUM
 . . . SCANDIUM ISOTOPES
 . . SILVER
 . . . SILVER ISOTOPES
 . . TECHNETIUM
 . . . TECHNETIUM ISOTOPES
 . . TITANIUM
 . . . TITANIUM ISOTOPES
 . . VANADIUM
 . . . VANADIUM ISOTOPES
 . . YTTRIUM
 . . . YTTRIUM ISOTOPES
 . . ZINC
 . . . ZINC ISOTOPES
 . . ZIRCONIUM
 . . . ZIRCONIUM ISOTOPES
 ZIRCONIUM 95
 RT ACTINIDE SERIES
 . COMPLEX COMPOUNDS
 . PALLADIUM COMPOUNDS
 . RARE EARTH ELEMENTS
 . RUTHENIUM COMPOUNDS
 . SHAPE MEMORY ALLOYS
 . TRANSURANIUM ELEMENTS

TRANSITION POINTS

RT BOUNDARY LAYER TRANSITION
 ∞ EQUILIBRIUM
 . KNUDSEN FLOW
 . PHASE DIAGRAMS
 . REYNOLDS NUMBER

TRANSITION PRESSURE

GS PRESSURE
 . **TRANSITION PRESSURE**
 RT HIGH PRESSURE
 . HYDROSTATIC PRESSURE
 . PHASE TRANSFORMATIONS
 . PRESSURE EFFECTS

TRANSITION PROBABILITIES

RT ELECTRON TRANSITIONS

TRANSITION PROBABILITIES-(CONT.)

EXCITATION
FERMI SURFACES
NUCLEAR CAPTURE
PROBABILITY THEORY
SPECTRA

TRANSITION TEMPERATURE

GS TEMPERATURE
 . **TRANSITION TEMPERATURE**
 RT HEAT OF FUSION
 . KONDO EFFECT
 . LIQUID PHASES
 . MELTING POINTS
 . PHASE DIAGRAMS
 . PHASE TRANSFORMATIONS
 . SOLIDIFICATION
 . SUPERCONDUCTING POWER
 . TRANSMISSION
 . SUPERCONDUCTIVITY

TRANSITS

SN (EXCLUDES PARTIAL OR TOTAL
 OCCULTATION OF ONE BODY BY
 ANOTHER)
 GS MEASURING INSTRUMENTS
 . OPTICAL MEASURING INSTRUMENTS
 . . **TRANSITS**
 . . . THEODOLITES
 CINETHEODOLITES
 . OPTICAL EQUIPMENT
 . OPTICAL MEASURING INSTRUMENTS
 . . **TRANSITS**
 . . . THEODOLITES
 CINETHEODOLITES
 RT COMPASSES
 . SEXTANTS
 ∞ TRANSIT

TRANSLATING

GS **TRANSLATING**
 . MACHINE TRANSLATION
 RT DECODING
 . DOCUMENTATION
 ∞ INTERPRETATION
 . LANGUAGES
 . TECHNICAL WRITING
 ∞ TRANSLATORS

TRANSLATIONAL MOTION

GS **TRANSLATIONAL MOTION**
 . KARMAN-BODEWADT FLOW
 . THREE DIMENSIONAL MOTION
 . . THREE DIMENSIONAL FLOW
 . . . SECONDARY FLOW
 RT ∞ MOTION
 . RACKS (GEARS)
 . RIGID STRUCTURES

∞ TRANSLATORS

SN (USE OF A MORE SPECIFIC TERM IS
 RECOMMENDED--CONSULT THE TERMS
 LISTED BELOW)
 RT COMPUTER PROGRAMS
 . DECODERS
 . DIGITAL TO VOICE TRANSLATORS
 . LANGUAGE PROGRAMMING
 . REPEATERS
 . TRANSLATING

TRANSLUCENCE

GS ELECTROMAGNETIC PROPERTIES
 . OPTICAL PROPERTIES
 . . **TRANSLUCENCE**
 RT LIGHT TRANSMISSION
 . OPACITY
 . OPTICAL DENSITY
 . TRANSMISSIVITY
 . TRANSPARENCE

TRANSLUNAR INJECTION

GS INJECTION
 . **TRANSLUNAR INJECTION**
 RT INJECTION GUIDANCE
 . MIDCOURSE GUIDANCE
 . ORBITAL MECHANICS
 . TRANSFER ORBITS

TRANSLUNAR SPACE

USE INTERPLANETARY SPACE

TRANSMISSION

UF COAXIAL TRANSMISSION
 GS **TRANSMISSION**

TRANSMISSION-(CONT.)

. ACOUSTIC PROPAGATION
 . DEMULTIPLEXING
 . ELECTRIC POWER TRANSMISSION
 . ELECTROMAGNETIC WAVE
 . TRANSMISSION
 . . LIGHT TRANSMISSION
 . . . LIGHT SCATTERING
 HALOS
 . . RADAR TRANSMISSION
 . . RADIO TRANSMISSION
 . . . DOUBLE SIDEBAND TRANSMISSION
 . . . IONOSPHERIC PROPAGATION
 IONOSPHERIC F-SCATTER
 PROPAGATION
 . . . MICROWAVE ATTENUATION
 . . . MICROWAVE TRANSMISSION
 . . . MULTIPATH TRANSMISSION
 . . . SHORT WAVE RADIO
 TRANSMISSION
 . . . SINGLE SIDEBAND TRANSMISSION
 . . . SPREAD SPECTRUM TRANSMISSION
 . . . TRANSEQUATORIAL PROPAGATION
 . . . TRANSHORIZON RADIO
 PROPAGATION
 SCATTER PROPAGATION
 . . . IONOSPHERIC F-SCATTER
 PROPAGATION
 . . . TELEVISION TRANSMISSION
 . . . HEAT TRANSMISSION
 . . . HEAT TRANSFER
 AERODYNAMIC HEAT TRANSFER
 HYPERSONIC HEAT TRANSFER
 SUPERSONIC HEAT TRANSFER
 CONDUCTIVE HEAT TRANSFER
 CONVECTIVE HEAT TRANSFER
 LAMINAR HEAT TRANSFER
 RADIATIVE HEAT TRANSFER
 TURBULENT HEAT TRANSFER
 . . . MULTIPLEXING
 . . . CODE DIVISION MULTIPLEXING
 . . . FREQUENCY DIVISION MULTIPLEXING
 . . . TIME DIVISION MULTIPLEXING
 . . . WAVELENGTH DIVISION
 MULTIPLEXING
 . . . SELF PROPAGATION
 . . . SIGNAL TRANSMISSION
 . . . DATA TRANSMISSION
 AUTOMATIC PICTURE
 TRANSMISSION
 MULTIPLE ACCESS
 CODE DIVISION MULTIPLE ACCESS
 FREQUENCY DIVISION MULTIPLE
 ACCESS
 . . . SINGLE CHANNEL PER CARRIER
 . . . TRANSMISSION
 . . . PCM TELEMETRY
 . . . RADAR TRANSMISSION
 . . . RADIO TRANSMISSION
 DOUBLE SIDEBAND TRANSMISSION
 IONOSPHERIC PROPAGATION
 IONOSPHERIC F-SCATTER
 PROPAGATION
 MICROWAVE ATTENUATION
 MICROWAVE TRANSMISSION
 MULTIPATH TRANSMISSION
 SHORT WAVE RADIO
 TRANSMISSION
 SINGLE SIDEBAND TRANSMISSION
 TRANSEQUATORIAL PROPAGATION
 TRANSHORIZON RADIO
 PROPAGATION
 SATELLITE TRANSMISSION
 TELEVISION TRANSMISSION
 . . . SOUND TRANSMISSION
 . . . STRESS PROPAGATION
 . . . TELEPHONY
 . . . WAVE PROPAGATION
 . . . DIFFRACTION PROPAGATION
 . . . GROUND WAVE PROPAGATION
 . . . IONOSPHERIC PROPAGATION
 IONOSPHERIC F-SCATTER
 PROPAGATION
 LIGHT SCATTERING
 HALOS
 SCATTER PROPAGATION
 IONOSPHERIC F-SCATTER
 PROPAGATION
 . . . SHOCK WAVE PROPAGATION
 . . . TRANSEQUATORIAL PROPAGATION
 RT ABSORPTANCE
 . ALOHA SYSTEM
 . ATMOSPHERIC ATTENUATION
 . ATTENUATION
 . BROADCASTING
 ∞ CONDUCTION

TRANSMISSION CIRCUITS

TRANSMISSION-(CONT.)

DIFFRACTION
ELECTROMAGNETIC ABSORPTION
ELECTROMAGNETIC RADIATION
OPTICAL FILTERS
OUTPUT
∞ PROPAGATION
RADAR ATTENUATION
RADIO ATTENUATION
REFLECTION
REFRACTION
SIGNAL REFLECTION
TELECOMMUNICATION
TRANSMISSIVITY
TRANSMITTANCE
WAVE DISPERSION

TRANSMISSION CIRCUITS

GS CIRCUITS
RT
TRANSMISSION CIRCUITS
CIRCUIT PROTECTION
ELECTRIC POWER TRANSMISSION
SIGNAL STABILIZATION
STRIP TRANSMISSION LINES
TELECOMMUNICATION

TRANSMISSION EFFICIENCY

GS EFFICIENCY
TRANSMISSION EFFICIENCY
RT ALOHA SYSTEM
ATTENUATION COEFFICIENTS
CARRIER TO NOISE RATIOS
DATA TRANSMISSION
DOWNLINKING
ELECTROMAGNETIC WAVE
TRANSMISSION
FREQUENCY HOPPING
INTERSYMBOLIC INTERFERENCE
NETWORK CONTROL
OPACITY
PACKET TRANSMISSION
PACKETS (COMMUNICATION)
POWER EFFICIENCY
SIGNAL TRANSMISSION
TRANSMITTANCE
UPLINKING

TRANSMISSION FLUIDS

RT FLUID TRANSMISSION LINES
∞ FLUIDS
HYDRAULIC FLUIDS
WORKING FLUIDS

TRANSMISSION LINES

UF TRUNKS (LINES)
GS TRANSMISSION LINES
BEAM WAVEGUIDES
COMMUNICATION CABLES
COAXIAL CABLES
WAVEGUIDES
OPTICAL WAVEGUIDES
PLASMA GUIDES
RECTANGULAR GUIDES
FLUID TRANSMISSION LINES
POWER LINES
STRIP TRANSMISSION LINES
MICROSTRIP TRANSMISSION LINES
SUBMARINE CABLES
UNDERGROUND TRANSMISSION LINES
RT ACOUSTIC DELAY LINES
ANTENNA COUPLERS
ANTENNA FEEDS
BACKWARD WAVES
∞ CABLES
CIRCUIT PROTECTION
CIRCUITS
DELTA ANTENNAS
DISTRIBUTED AMPLIFIERS
ELECTRIC CONDUCTORS
ELECTRIC CURRENT
ELECTRIC POWER TRANSMISSION
ELECTRIC WIRE
ELECTRICAL ENGINEERING
ELECTRIFICATION
HARNESSES
IMPEDANCE MATCHING
INSULATORS
∞ LINES
MODE TRANSFORMERS
∞ NETWORKS
NONRESONANCE
SMITH CHART
STANDING WAVE RATIOS
SUPERCONDUCTING POWER
TRANSMISSION

TRANSMISSION LINES-(CONT.)

TELECOMMUNICATION
WIRING

TRANSMISSION LOSS

RT ATTENUATION
CURRENT REGULATORS
ELECTRIC POWER TRANSMISSION
INSERTION
INSERTION LOSS
LOSSES
LOSSY MEDIA
SILENCE
VOLTAGE REGULATORS
WAVE DISPERSION

TRANSMISSIONS (MACHINE ELEMENTS)

GS MECHANICAL DRIVES
TRANSMISSIONS (MACHINE ELEMENTS)
RT GEARS
SHAFTS (MACHINE ELEMENTS)
TORQUE CONVERTERS
TORQUE MOTORS
VEHICLE WHEELS

TRANSMISSIVITY

GS ELECTROMAGNETIC PROPERTIES
OPTICAL PROPERTIES
TRANSMISSIVITY
RT ABSORPTANCE
ABSORPTIVITY
DENSITY (MASS/VOLUME)
LIGHT SCATTERING
OPACITY
∞ PHYSICAL PROPERTIES
TRANSLUCENCE
TRANSMISSION
TRANSMITTANCE
TRANSPARENCE
TRANSPONDERS
VISIBILITY

TRANSMISSOMETERS

GS MEASURING INSTRUMENTS
OPTICAL MEASURING INSTRUMENTS
TRANSMISSOMETERS
OPTICAL EQUIPMENT
OPTICAL MEASURING INSTRUMENTS
TRANSMISSOMETERS
RT DENSITOMETERS
PHOTOMETERS
RADIANCE
TELEPHOTOMETRY
TRANSMITTANCE

TRANSMITTANCE

GS ELECTROMAGNETIC PROPERTIES
OPTICAL PROPERTIES
TRANSMITTANCE
RT ABSORPTANCE
ATTENUATION COEFFICIENTS
DENSITY (MASS/VOLUME)
ELECTROMAGNETIC ABSORPTION
INFRARED ABSORPTION
LIGHT (VISIBLE RADIATION)
OPTICAL DENSITY
PHOTOMETRY
RAY TRACING
REFLECTANCE
SCATTERING
TRANSMISSION
TRANSMISSION EFFICIENCY
TRANSMISSIVITY
TRANSMISSOMETERS
TRANSPARENCE

TRANSMITTER RECEIVERS

UF TRANSCIVERS
GS COMMUNICATION EQUIPMENT
RADIO RECEIVERS
TRANSMITTER RECEIVERS
RADIO EQUIPMENT
RADIO RECEIVERS
TRANSMITTER RECEIVERS
RADIO TRANSMITTERS
TRANSMITTER RECEIVERS
TRANSMITTERS
RADIO TRANSMITTERS
TRANSMITTER RECEIVERS
RT INTERROGATION
TRANSPONDERS

TRANSMITTERS

UF SENDERS

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TRANSMITTERS-(CONT.)

GS TRANSMITTERS
EMERGENCY LOCATOR
TRANSMITTERS
INSTRUMENT TRANSMITTERS
RADAR TRANSMITTERS
RADIO TRANSMITTERS
RADIO BEACONS
OMNIDIRECTIONAL RADIO RANGES
SELF CALIBRATING OMNIRANGE
RADIOMETEOROLOGRAPH
RADIOSONDES
ENDORADIOSONDES
IONOSONDES
RAWINSONDES
RADIOTELEPHONES
SONOBUOYS
TRANSMITTER RECEIVERS
REPEATERS
RT ANTENNAS
ATTENUATION
DUPLEXERS
INSTRUMENTS
MICROPHONES
RECEIVERS
SIGNAL ENCODING
TELECOMMUNICATION
TELEVISION TRANSMISSION
TRANSPONDERS

TRANSMUTATION

RT NEUTRON IRRADIATION
NUCLEAR REACTIONS
RADIOGENIC MATERIALS

TRANSOCEANIC COMMUNICATION

GS TELECOMMUNICATION
TRANSOCEANIC COMMUNICATION
TRANSOCEANIC SYSTEMS
TRANSOCEANIC COMMUNICATION
RT FACSIMILE COMMUNICATION
RADIO COMMUNICATION
RELAY SATELLITES

TRANSOCEANIC FLIGHT

RT ∞ FLIGHT

TRANSOCEANIC SYSTEMS

GS TRANSOCEANIC SYSTEMS
TRANSOCEANIC COMMUNICATION
RT INTERCONTINENTAL BALLISTIC MISSILES
OCEAN DATA ACQUISITIONS SYSTEMS
SYSTEMS
TELECOMMUNICATION
TRANSPORTATION
WORLD DATA CENTERS

TRANSONIC AIRCRAFT

USE SUPERSONIC AIRCRAFT

TRANSONIC AIRCRAFT TECHNOLOGY PROGRAM

USE TACT PROGRAM

TRANSONIC COMPRESSORS

GS COMPRESSORS
TRANSONIC COMPRESSORS
RT SUPERSONIC COMPRESSORS
TURBOCOMPRESSORS

TRANSONIC FLIGHT

RT ∞ FLIGHT
ROCKET FLIGHT
SONIC BOOMS
SUPERSONIC FLIGHT

TRANSONIC FLOW

UF SONIC FLOW
TRANSONICS
GS FLUID FLOW
COMPRESSIBLE FLOW
TRANSONIC FLOW
RT AERODYNAMICS
COMPRESSIBILITY EFFECTS
FLOW VELOCITY
GAS FLOW
NOZZLE FLOW
SHOCK WAVES
SONIC NOZZLES
SUBSONIC FLOW
SUPERSONIC FLOW
TRISONIC WIND TUNNELS
WIND TUNNELS

TRANSONIC FLUTTER

- GS VIBRATION
 - . STRUCTURAL VIBRATION
 - . FLUTTER
 - . . . TRANSONIC FLUTTER
 - . . . SELF INDUCED VIBRATION
 - . . . TRANSONIC FLUTTER
- RT MISSILE VIBRATION
 - SUBSONIC FLUTTER
 - SUPERSONIC FLUTTER

TRANSONIC INLETS

- USE SUPERSONIC INLETS

TRANSONIC NOZZLES

- RT CONICAL NOZZLES
 - CONVERGENT-DIVERGENT NOZZLES
 - HYPERSONIC NOZZLES
- NOZZLES
 - SONIC NOZZLES
 - SUPERSONIC NOZZLES
 - WIND TUNNEL NOZZLES

TRANSONIC SPEED

- GS RATES (PER TIME)
 - . TRANSONIC SPEED
 - VELOCITY
 - . TRANSONIC SPEED
- RT ACOUSTIC VELOCITY
 - SUBSONIC SPEED
 - SUPERSONIC SPEEDS

TRANSONIC TURBINES

- USE SUPERSONIC TURBINES

TRANSONIC WIND TUNNELS

- GS TEST FACILITIES
 - . WIND TUNNELS
 - . . . TRANSONIC WIND TUNNELS
- RT BLOWDOWN WIND TUNNELS
 - HYPERSONIC WIND TUNNELS
 - SLOTTED WIND TUNNELS
 - SUBSONIC WIND TUNNELS
 - SUPERSONIC WIND TUNNELS
 - WING FLOW METHOD TESTS

TRANSONICS

- USE TRANSONIC FLOW

TRANSPARENCE

- UF TRANSPARENT MATERIALS
- GS ELECTROMAGNETIC PROPERTIES
 - . OPTICAL PROPERTIES
 - . . . TRANSPARENCE
- RT ABSORPTANCE
 - ABSORPTIVITY
 - ATMOSPHERIC OPTICS
 - CLARITY
 - DENSITY (MASS/VOLUME)
 - ELECTROMAGNETIC ABSORPTION
 - HAZE
 - LIGHT TRANSMISSION
 - OPACITY
 - OPTICAL DENSITY
 - RADOME MATERIALS
 - TRANSLUCENCE
 - TRANSMISSIVITY
 - TRANSMITTANCE
 - TURBIDITY

TRANSPARENT MATERIALS

- USE TRANSPARENCE

TRANSPIRATION

- UF FLUID TRANSPARATION
- GS PHASE TRANSFORMATIONS
 - . VAPORIZING
 - . . . EVAPORATION
 - . . . TRANSPARATION
- RT COOLING
 - COOLING SYSTEMS
 - EVANESCENCE
 - EVAPOTRANSPIRATION
 - EVOLUTION (LIBERATION)
 - GAS EVOLUTION
 - MASS TRANSFER
 - MOLECULAR FLOW
 - OUTGASSING
 - PERMEATING
 - PERSPIRATION
 - TEMPERATURE CONTROL

TRANSPARATION COOLING

- USE SWEAT COOLING

TRANSPLANTATION

- RT CLINICAL MEDICINE
 - HEART IMPLANTATION
 - SURGERY

TRANSPONDER CONTROL GROUP

- UF TCG (TRACKING)
- RT RADAR TRACKING
 - SATELLITE TRACKING
 - SPACECRAFT TRACKING
 - TELEMETRY
 - TRANSPONDERS

TRANSPONDERS

- UF RESPONDERS
- GS RADIO EQUIPMENT
 - . TRANSPONDERS
- RT AIR TRAFFIC CONTROL
 - BEACON COLLISION AVOIDANCE SYSTEM
 - INTERROGATION
 - RADAR BEACONS
 - RADAR EQUIPMENT
 - RADIO RECEIVERS
 - RADIO TRANSMITTERS
 - TRANSMISSIVITY
 - TRANSMITTER RECEIVERS
 - TRANSMITTERS
 - TRANSPONDER CONTROL GROUP

TRANSPORT AIRCRAFT

- GS TRANSPORT AIRCRAFT
 - . A-300 AIRCRAFT
 - . ALADIN 2 AIRCRAFT
 - . AN-2 AIRCRAFT
 - . AN-22 AIRCRAFT
 - . AN-24 AIRCRAFT
 - . ARGOSY MK-1 AIRCRAFT
 - . AW 650 AIRCRAFT
 - . BAC 111 AIRCRAFT
 - . BOEING 707 AIRCRAFT
 - . BOEING 720 AIRCRAFT
 - . BOEING 727 AIRCRAFT
 - . BOEING 733 AIRCRAFT
 - . BOEING 737 AIRCRAFT
 - . BOEING 747 AIRCRAFT
 - . BOEING 757 AIRCRAFT
 - . BOEING 767 AIRCRAFT
 - . BOEING 7707 AIRCRAFT
 - . CARGO AIRCRAFT
 - . . . BREGUET 941 AIRCRAFT
 - . . . BREGUET 942 AIRCRAFT
 - . . . C-1A AIRCRAFT
 - . . . C-2 AIRCRAFT
 - . . . C-5 AIRCRAFT
 - . . . C-9 AIRCRAFT
 - . . . C-46 AIRCRAFT
 - . . . C-47 AIRCRAFT
 - . . . C-54 AIRCRAFT
 - . . . C-97 AIRCRAFT
 - . . . C-118 AIRCRAFT
 - . . . C-119 AIRCRAFT
 - . . . C-121 AIRCRAFT
 - . . . C-123 AIRCRAFT
 - . . . C-124 AIRCRAFT
 - . . . C-130 AIRCRAFT
 - . . . C-131 AIRCRAFT
 - . . . C-133 AIRCRAFT
 - . . . C-135 AIRCRAFT
 - . . . C-140 AIRCRAFT
 - . . . C-141 AIRCRAFT
 - . . . C-160 AIRCRAFT
 - . . . CL-44 AIRCRAFT
 - . . . DC 3 AIRCRAFT
 - . . . DC 7 AIRCRAFT
 - . . . F-27 AIRCRAFT
 - . . . P-166 AIRCRAFT
 - . . . SPANLOADER AIRCRAFT
 - . . . YC-14 AIRCRAFT
 - . CH-3 HELICOPTER
 - . CH-34 HELICOPTER
 - . CH-46 HELICOPTER
 - . CH-47 HELICOPTER
 - . CH-54 HELICOPTER
 - . CL-84 AIRCRAFT
 - . CL-823 AIRCRAFT
 - . CONCORDE AIRCRAFT
 - . CV-880 AIRCRAFT
 - . DC 8 AIRCRAFT
 - . DC 9 AIRCRAFT
 - . DC 10 AIRCRAFT
 - . DH 121 AIRCRAFT
 - . DH 125 AIRCRAFT
 - . DHC 2 AIRCRAFT
 - . DHC 4 AIRCRAFT

TRANSPORT AIRCRAFT-(CONT.)

- . DHC 5 AIRCRAFT
- . DINFIA FA AIRCRAFT
- . DO-31 AIRCRAFT
- . EC-121 AIRCRAFT
- . ELECTRA AIRCRAFT
- . F-28 TRANSPORT AIRCRAFT
- . FIAT 7002 HELICOPTER
- . G-1 AIRCRAFT
- . G-222 AIRCRAFT
- . H-19 HELICOPTER
- . H-53 HELICOPTER
- . H-56 HELICOPTER
- . HC-3 HELICOPTER
- . HFB-320 AIRCRAFT
- . IL-14 AIRCRAFT
- . L-1011 AIRCRAFT
- . L-1649 AIRCRAFT
- . L-2000 AIRCRAFT
- . LIGHT INTRATHEATER TRANSPORT
- . LIGHT TRANSPORT AIRCRAFT
- . LOCKHEED MODEL 18 AIRCRAFT
- . MH-260 AIRCRAFT
- . MH-262 AIRCRAFT
- . MYSTERE 20 AIRCRAFT
- . N-2501 AIRCRAFT
- . NAC-60 AIRCRAFT
- . POTEZ 840 AIRCRAFT
- . RF-1 AIRCRAFT
- . S-58 HELICOPTER
- . S-61 HELICOPTER
- . SA-330 HELICOPTER
- . SA-3210 HELICOPTER
- . SC-5 AIRCRAFT
- . SC-7 AIRCRAFT
- . SH-3 HELICOPTER
- . SH-4 HELICOPTER
- . SH-34 HELICOPTER
- . SHORT HAUL AIRCRAFT
- . . . EUROPEAN AIRBUS
- . . . MERCURE AIRCRAFT
- . SI-204 AIRCRAFT
- . SIAT 311 AIRCRAFT
- . TANKER AIRCRAFT
- . TU-124 AIRCRAFT
- . TU-144 AIRCRAFT
- . TU-154 AIRCRAFT
- . U-3 AIRCRAFT
- . UH-34 HELICOPTER
- . UH-60A HELICOPTER
- . UH-61A HELICOPTER
- . VC-10 AIRCRAFT
- . VISCOUNT AIRCRAFT
- . XC-142 AIRCRAFT
- . YS-11 AIRCRAFT
- RT AIR TRANSPORTATION
 - ∞ AIRCRAFT
 - COMMERCIAL AIRCRAFT
 - GENERAL AVIATION AIRCRAFT
 - JET AIRCRAFT
 - LIGHT AIRCRAFT
 - ∞ LOW WING AIRCRAFT
 - ∞ MILITARY AIRCRAFT
 - MYSTERE 50 AIRCRAFT
 - PASSENGER AIRCRAFT
 - ROTARY WING AIRCRAFT
 - ∞ SUBSONIC AIRCRAFT
 - SUPERSONIC AIRCRAFT
 - ∞ TRANSPORT VEHICLES
 - TURBOFAN AIRCRAFT
 - TURBOPROP AIRCRAFT
 - UTILITY AIRCRAFT
 - V/STOL AIRCRAFT
 - WATER TAKEOFF AND LANDING AIRCRAFT

TRANSPORT COEFFICIENTS

- USE TRANSPORT PROPERTIES

TRANSPORT PROPERTIES

- UF TRANSPORT COEFFICIENTS
- GS TRANSPORT PROPERTIES
 - . ATMOSPHERIC CONDUCTIVITY
 - . IONOSPHERIC CONDUCTIVITY
 - . CARRIER MOBILITY
 - . ELECTRON MOBILITY
 - . HOLE MOBILITY
 - . DIFFUSION COEFFICIENT
 - . Soret COEFFICIENT
 - . ELECTRICAL RESISTIVITY
 - . IONOSPHERIC CONDUCTIVITY
 - . MAGNETORESISTIVITY
 - . PHOTOCONDUCTIVITY
 - . PLASMA CONDUCTIVITY
 - . SUPERCONDUCTIVITY

TRANSPORT THEORY

TRANSPORT PROPERTIES-(CONT.)

- ... KONDO EFFECT
- ... GASEOUS DIFFUSION
- ... GASEOUS SELF-DIFFUSION
- ... IONIC MOBILITY
- ... THERMAL CONDUCTIVITY
- ... THERMAL DIFFUSIVITY
- ... VISCOSITY
- ... EDDY VISCOSITY
- ... GAS VISCOSITY
- RT BINARY FLUIDS
- BOLTZMANN TRANSPORT EQUATION
- ∞ CONDUCTIVITY
- DIFFUSION
- FLOW COEFFICIENTS
- HALL EFFECT
- HEAT TRANSFER
- HIGH TEMPERATURE TESTS
- KINETIC THEORY
- LIGHTHILL GAS MODEL
- MOBILITY
- ∞ PHYSICAL PROPERTIES
- POLLUTION TRANSPORT
- ∞ PROPERTIES
- RADIATION TRANSPORT
- SEEBECK EFFECT
- ∞ SOLID STATE PHYSICS
- THERMOELECTRICITY

TRANSPORT THEORY

- GS KINETIC THEORY
- ... TRANSPORT THEORY
- ... EYRING THEORY
- ... MIXING LENGTH FLOW THEORY
- RT BOLTZMANN TRANSPORT EQUATION
- DIFFUSION THEORY
- GAS TRANSPORT
- INTEGRAL EQUATIONS
- MOLECULAR INTERACTIONS
- MONTE CARLO METHOD
- POLLUTION TRANSPORT
- ∞ THEORIES

∞ TRANSPORT VEHICLES

- SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)*
- RT CRAWLER TRACTORS
- GROUND EFFECT MACHINES
- RAPID TRANSIT SYSTEMS
- SHIPS
- TRANSPORT AIRCRAFT

TRANSPORTATION

- GS **TRANSPORTATION**
- ... AEROMANEUVERING ORBIT TO ORBIT SHUTTLE
- ... AIR TRANSPORTATION
- ... MARINE TRANSPORTATION
- ... RAIL TRANSPORTATION
- ... RAPID TRANSIT SYSTEMS
- ... SPACE TRANSPORTATION
- ... SPACE TRANSPORTATION SYSTEM
- ... SPACE SHUTTLE BOOSTERS
- ... SPACE SHUTTLE ORBITERS
- ... SPACE SHUTTLE ORBITER 101
- ... SPACE SHUTTLE ORBITER 102
- ... URBAN TRANSPORTATION
- RT ARTIFICIAL HARBORS
- AUTOMATED GUIDEWAY TRANSIT VEHICLES
- CARGO
- CONTRACTORS
- CONVEYORS
- DEEPWATER TERMINALS
- DELIVERY
- DISTRIBUTING
- ∞ DISTRIBUTION
- ELECTRIC AUTOMOBILES
- EVACUATING (TRANSPORTATION)
- FREIGHT COSTS
- FREIGHTERS
- HANDLING EQUIPMENT
- HAULING
- HIGHWAYS
- LOGISTICS
- MATERIALS HANDLING
- MISSILES
- MOTOR VEHICLES
- OFFSHORE DOCKING
- OFFSHORE PLATFORMS
- PACKAGING
- PASSENGERS
- PIPELINES
- RIDING QUALITY

TRANSPORTATION-(CONT.)

- ROADS
- ROUTES
- SERVICES
- SITE SELECTION
- SPACE TRANSPORTATION SYSTEM
- TANKER TERMINALS
- TERMINAL FACILITIES
- TRACTORS
- TRAFFIC
- TRANSCONTINENTAL SYSTEMS
- TRANSFERRING
- TRANSOCEANIC SYSTEMS
- TRANSPORTATION NETWORKS
- ∞ TRAVEL
- TRUCKS

TRANSPORTATION ENERGY

- RT ALLOCATIONS
- CARGO
- COMMERCIAL ENERGY
- DISTRIBUTING
- DOMESTIC ENERGY
- ECONOMIC FACTORS
- ∞ ENERGY
- ENERGY CONVERSION
- ENGINES
- FUELS
- HAULING
- INDUSTRIAL ENERGY
- SHIPS
- ∞ TANKERS
- TRUCKS

TRANSPORTATION NETWORKS

- RT HIGHWAYS
- INTERSECTIONS
- ∞ NETWORKS
- RAPID TRANSIT SYSTEMS
- ROADS
- TRANSPORTATION

TRANSPORTER

- GS SURFACE VEHICLES
- ... TRANSPORTER
- RT ∞ CONTAINERS
- ∞ VEHICLES

TRANSURANIUM ELEMENTS

- GS CHEMICAL ELEMENTS
- ... ACTINIDE SERIES
- ... **TRANSURANIUM ELEMENTS**
- ... AMERICIUM
- ... AMERICIUM ISOTOPES
- ... AMERICIUM 241
- ... BERKELIUM
- ... CALIFORNIUM
- ... CALIFORNIUM ISOTOPES
- ... CURIUM
- ... CURIUM ISOTOPES
- ... CURIUM 242
- ... CURIUM 244
- ... EINSTEINIUM
- ... FERMIUM
- ... LAWRENCIUM
- ... MENDELEVIUM
- ... NEPTUNIUM
- ... NEPTUNIUM ISOTOPES
- ... NOBELIUM
- ... PLUTONIUM
- ... PLUTONIUM ISOTOPES
- ... PLUTONIUM 238
- ... PLUTONIUM 239
- ... PLUTONIUM 240
- ... PLUTONIUM 241
- ... PLUTONIUM 244
- ... SERGENIUM
- ... NUCLIDES
- ... ISOTOPES
- ... RADIOACTIVE ISOTOPES
- ... **TRANSURANIUM ELEMENTS**
- ... AMERICIUM
- ... AMERICIUM ISOTOPES
- ... BERKELIUM
- ... CALIFORNIUM
- ... CALIFORNIUM ISOTOPES
- ... CURIUM
- ... CURIUM ISOTOPES
- ... EINSTEINIUM
- ... FERMIUM
- ... LAWRENCIUM
- ... MENDELEVIUM
- ... NEPTUNIUM
- ... NEPTUNIUM ISOTOPES
- ... NOBELIUM

TRANSURANIUM ELEMENTS-(CONT.)

- ... PLUTONIUM
- ... PLUTONIUM ISOTOPES
- ... SERGENIUM
- HEAVY ELEMENTS
- ... **TRANSURANIUM ELEMENTS**
- ... AMERICIUM ISOTOPES
- ... AMERICIUM 241
- ... BERKELIUM
- ... CALIFORNIUM
- ... CALIFORNIUM ISOTOPES
- ... CURIUM
- ... CURIUM ISOTOPES
- ... CURIUM 242
- ... CURIUM 244
- ... EINSTEINIUM
- ... FERMIUM
- ... LAWRENCIUM
- ... MENDELEVIUM
- ... NEPTUNIUM
- ... NEPTUNIUM ISOTOPES
- ... NOBELIUM
- ... PLUTONIUM
- ... PLUTONIUM ISOTOPES
- ... PLUTONIUM 238
- ... PLUTONIUM 239
- ... PLUTONIUM 240
- ... PLUTONIUM 241
- ... PLUTONIUM 244
- ... SERGENIUM
- METALS
- ... ACTINIDE SERIES
- ... **TRANSURANIUM ELEMENTS**
- ... AMERICIUM
- ... AMERICIUM ISOTOPES
- ... AMERICIUM 241
- ... BERKELIUM
- ... CALIFORNIUM
- ... CALIFORNIUM ISOTOPES
- ... CURIUM
- ... CURIUM ISOTOPES
- ... CURIUM 242
- ... CURIUM 244
- ... EINSTEINIUM
- ... FERMIUM
- ... LAWRENCIUM
- ... MENDELEVIUM
- ... NEPTUNIUM
- ... NEPTUNIUM ISOTOPES
- ... NOBELIUM
- ... PLUTONIUM
- ... PLUTONIUM ISOTOPES
- ... PLUTONIUM 238
- ... PLUTONIUM 239
- ... PLUTONIUM 240
- ... PLUTONIUM 241
- ... PLUTONIUM 244
- ... SERGENIUM
- RT TRANSITION METALS

TRANSVERSE ACCELERATION

- GS RATES (PER TIME)
- ... ACCELERATION (PHYSICS)
- ... **TRANSVERSE ACCELERATION**
- RT ∞ ACCELERATION
- ACCELERATION STRESSES (PHYSIOLOGY)
- ANGULAR ACCELERATION

TRANSVERSE OSCILLATION

- UF TRANSVERSE VIBRATION
- GS OSCILLATIONS
- ... **TRANSVERSE OSCILLATION**
- ... H WAVES
- RT GAMMA RAYS
- HARMONIC OSCILLATION
- LATERAL OSCILLATION
- STABLE OSCILLATIONS
- TRANSIENT OSCILLATIONS

TRANSVERSE VIBRATION

- USE TRANSVERSE OSCILLATION

TRANSVERSE WAVES

- GS **TRANSVERSE WAVES**
- ... H WAVES
- RT ELASTIC WAVES
- ELECTROMAGNETIC RADIATION
- GAMMA RAYS
- LONGITUDINAL WAVES
- MAGNETOHYDRODYNAMIC FLOW
- PLANE WAVES
- RADIO WAVES
- S WAVES
- VIBRATION MODE

NASA THESAURUS (VOLUME 1)

TREES (MATHEMATICS)

TRANSVERSE WAVES-(CONT.)

WAVE PACKETS
∞ WAVES

TRANSVERSELY EXCITED ATMOSPHERIC LASERS

USE TEA LASERS

TRAP PROGRAM

GS PROGRAMS
RT TRAP PROGRAM
PLASMA CONTROL
∞ RADIATION

TRAPATT DEVICES

UF TRAPPED PLASMA AVALANCHE
TRIGGERED TRANSIT
GS ELECTRONIC EQUIPMENT
SOLID STATE DEVICES
SEMICONDUCTOR DEVICES
TRAPATT DEVICES
RT AVALANCHE DIODES
∞ DEVICES
DIODES
TRANSISTORS

TRAPATT DIODES

USE AVALANCHE DIODES

TRAPEZOIDAL TAIL SURFACES

GS PLANFORMS
TRAPEZOIDAL TAIL SURFACES
TAIL SURFACES
RT TRAPEZOIDAL TAIL SURFACES
CONTROL SURFACES
HORIZONTAL TAIL SURFACES
HYPERSONIC AIRCRAFT
RUDDERS
STABILIZERS (FLUID DYNAMICS)
SUPERSONIC AIRCRAFT
SWEEPBACK TAIL SURFACES

TRAPEZOIDAL WINGS

GS AIRFOILS
WINGS
LOW ASPECT RATIO WINGS
TRAPEZOIDAL WINGS
SWEEP WINGS
SWEEP FORWARD WINGS
TRAPEZOIDAL WINGS
SWEEPBACK WINGS
TRAPEZOIDAL WINGS
PLANFORMS
WING PLANFORMS
SWEEP FORWARD WINGS
TRAPEZOIDAL WINGS
SWEEPBACK WINGS
TRAPEZOIDAL WINGS

TRAPEZOIDS

GS GEOMETRY
EUCLIDEAN GEOMETRY
POLYGONS
TETRAGONS
TRAPEZOIDS

TRAPPED MAGNETIC FIELDS

GS MAGNETIC FIELDS
TRAPPED MAGNETIC FIELDS
RT FLUX PINNING
MAGNETICALLY TRAPPED PARTICLES
PLASMA CONTROL
SUPERCONDUCTIVITY
TRAPPING

TRAPPED PARTICLES

GS PARTICLES
TRAPPED PARTICLES
MAGNETICALLY TRAPPED PARTICLES
RADIATION BELTS
ARTIFICIAL RADIATION BELTS
INNER RADIATION BELT
OUTER RADIATION BELT
PROTON BELTS
RT CHARGED PARTICLES
ELECTRON PRECIPITATION
PROTON PRECIPITATION
TRAPPING

TRAPPED PLASMA AVALANCHE TRIGGERED TRANSIT

USE TRAPATT DEVICES

TRAPPED VORTEXES

UF VORTEX TRAPS

TRAPPED VORTEXES-(CONT.)

GS VORTICES
RT TRAPPED VORTEXES
COUNTERFLOW
FLOW DISTRIBUTION
MIXING
ROTATING FLUIDS
ROTATING LIQUIDS
TURBULENT MIXING
TURBULENT WAKES
VORTEX RINGS
VORTICITY

TRAPPING

GS TRAPPING
CRYOTRAPPING
RT CONDUCTION BANDS
CRYSTAL DEFECTS
FLUX PINNING
ION STORAGE
PHOSPHORESCENCE
RADIATION BELTS
TRAPPED MAGNETIC FIELDS
TRAPPED PARTICLES

TRAPS

GS TRAPS
COLD TRAPS
ION TRAPS (INSTRUMENTATION)
VAPOR TRAPS
RT CONCENTRATORS
ENTRAPMENT
SEPARATORS
VALVES
∞ TRAVEL
SN (USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)
RT DISTANCE
HARBORS
LOGISTICS
RANGE (EXTREMES)
TRANSPORTATION

TRAVELING CHARGE

GS ELECTRIC CHARGE
TRAVELING CHARGE
RT ELECTRODYNAMICS
ENERGY DISSIPATION
FIELD THEORY (PHYSICS)

TRAVELING IONOSPHERIC DISTURBANCES

UF TID
GS IONOSPHERIC DISTURBANCES
TRAVELING IONOSPHERIC
DISTURBANCES
RT IONOSPHERIC CURRENTS
IONOSPHERIC PROPAGATION
IONOSPHERIC STORMS
IONOSPHERIC TILTS
MAGNETIC VARIATIONS
SUDDEN IONOSPHERIC DISTURBANCES

TRAVELING SALESMAN PROBLEM

RT OPERATIONS RESEARCH
PROBABILITY THEORY
∞ PROBLEMS
STATISTICAL ANALYSIS

TRAVELING SOLVENT METHOD

SN (LIMITED TO CRYSTAL GROWTH
TECHNIQUES)
GS GROWTH
CRYSTAL GROWTH
TRAVELING SOLVENT METHOD
RT ADDITIVES
CARRIER INJECTION
ELECTROEPITAXY
∞ METHODOLOGY

TRAVELING WAVE AMPLIFIERS

GS AMPLIFIERS
TRAVELING WAVE AMPLIFIERS

TRAVELING WAVE MASERS

GS STIMULATED EMISSION DEVICES
MASERS
TRAVELING WAVE MASERS
RT AMPLIFIERS
CAVITY RESONATORS
COHERENT ELECTROMAGNETIC
RADIATION

TRAVELING WAVE MODULATION

GS MODULATION
RT TRAVELING WAVE MODULATION
LASERS
LIGHT MODULATION
WAVE DIFFRACTION

TRAVELING WAVE TUBES

UF CRESTATONS
HELIX TUBES
GS ELECTRON TUBES
VACUUM TUBES
VACUUM TUBE OSCILLATORS
MICROWAVE TUBES
TRAVELING WAVE TUBES
CARCINOTRONS
HELITRONS
MICROWAVE EQUIPMENT
MICROWAVE TUBES
TRAVELING WAVE TUBES
CARCINOTRONS
HELITRONS
RT BACKWARD WAVES
BRILLOUIN FLOW
CROSSED FIELD AMPLIFIERS
CYCLOTRON RESONANCE DEVICES
ELECTRON BUNCHING
MAGNETOSTATIC AMPLIFIERS
MAGNETRONS
OSCILLATIONS
SCALLOPING

TRAVELING WAVES

GS TRAVELING WAVES
SOLITARY WAVES
RT BACKWARD WAVES
ELASTIC WAVES
ELECTROMAGNETIC RADIATION
NONRESONANCE
PHASE VELOCITY
PLANE WAVES
RADIO WAVES

TRAYS

RT ∞ BUCKETS
CONTAINERS
PLATES

TREADMILLS

RT PHYSICAL EXERCISE
PHYSICAL FITNESS
PHYSICAL WORK
PHYSIOLOGICAL TESTS

TREADS

RT STAIRWAYS
TIRES
VEHICULAR TRACKS

TREAT (TEST FACILITY)

USE TRANSIENT REACTOR TEST FACILITY

∞ TREATMENT

SN (USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)
UF CONDITIONING (TREATING)
RT AIR CONDITIONING
CLINICAL MEDICINE
HEAT TREATMENT
PREWHITENING
SEWAGE TREATMENT
THERMOMECHANICAL TREATMENT
WASTE TREATMENT
WATER TREATMENT

TREE RING DATING

USE DENDROCHRONOLOGY

∞ TREES

SN (USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)
RT CONIFERS
TREES (MATHEMATICS)
TREES (PLANTS)

TREES (MATHEMATICS)

GS TREES (MATHEMATICS)
FAULT TREES
RT ANALYSIS (MATHEMATICS)
CIRCUITS
GRAPH THEORY
GRAPHS (CHARTS)

TREES (PLANTS)

TREES (MATHEMATICS)-(CONT.)

PETRI NETS
SNEAK CIRCUIT ANALYSIS
TOPOLOGY
∞ TREES

TREES (PLANTS)

GS PLANTS (BOTANY)
 . TREES (PLANTS)
 . CITRUS TREES
 . CONIFERS
 . DECIDUOUS TREES
RT BALSA
 CANOPIES (VEGETATION)
 CHAPARRAL
 CLEARINGS (OPENINGS)
 DEFOLIANTS
 DEFOLIATION
 DENDROCHRONOLOGY
 FORESTS
 GEOBOTANY
 HERBICIDES
 LOGGING (INDUSTRY)
 MASONITE (TRADEMARK)
 ORCHARDS
 PHREATOPHYTES
 PLYWOOD
 SILVICULTURE
 TIMBER IDENTIFICATION
 TIMBER INVENTORY
 TIMBER VIGOR
 TIMBERLINE
∞ TREES
 VEGETATION
 WOOD

TREMORS

RT EARTHQUAKE RESISTANCE
 EARTHQUAKES
 PARALYSIS
 PARKINSON DISEASE
 ROUSE BELTS

TRENDS

RT EXTRAPOLATION
 FORECASTING
 GROWTH
 PERIODIC VARIATIONS
∞ PROJECTION
 TIME SERIES ANALYSIS

TRESCA FLOW

GS FLUID FLOW
 . PLASTIC FLOW
 . TRESCA FLOW
RT DUCTILITY
 STABILITY
 YIELD POINT

TRIACETIN

GS ACETATES
 . TRIACETIN
 ESTERS
 . TRIACETIN
RT ACETIC ACID
 GLYCEROLS
 PLASTICIZERS
 SOLVENTS

TRIAMINOGUANIDINIUM AZIDE

GS ALIPHATIC COMPOUNDS
 . GUANIDINES
 . TRIAMINOGUANIDINIUM AZIDE
 AMINES
 . DIAMINES
 . GUANIDINES
 . TRIAMINOGUANIDINIUM AZIDE
 NITROGEN COMPOUNDS
 . AZIDES (ORGANIC)
 . TRIAMINOGUANIDINIUM AZIDE

TRIAMINOGUANIDINIUM HYDRAZONIUM AZIDE

GS HYDRAZONIUM COMPOUNDS
 . TRIAMINOGUANIDINIUM HYDRAZONIUM
 AZIDE
 NITROGEN COMPOUNDS
 . AZIDES (ORGANIC)
 . TRIAMINOGUANIDINIUM
 HYDRAZONIUM AZIDE

TRIANGLES

GS GEOMETRY
 . EUCLIDEAN GEOMETRY
 . POLYGONS
 . TRIANGLES

TRIANGLES-(CONT.)

RT TETRAHEDRONS
 TRIGONOMETRY

TRIANGULAR WINGS

USE DELTA WINGS

TRIANGULATION

RT ANGLES (GEOMETRY)
 MAPPING
 NAVIGATION
 TRIGONOMETRY
 WILDLIFE RADIOLOCATION

TRIATOMIC MOLECULES

GS MOLECULES
 . POLYATOMIC MOLECULES
 . TRIATOMIC MOLECULES
RT DIATOMIC MOLECULES

TRIAxIAL STRESSES

UF TRIAXIALITY
GS STRESSES
 . TRIAXIAL STRESSES
RT MECHANICAL PROPERTIES
 TENSILE STRESS

TRIAxIALITY

USE TRIAXIAL STRESSES

TRIBOLIA

GS ANIMALS
 . INVERTEBRATES
 . ARTHROPODS
 . INSECTS
 . CRICKETS
 . BEETLES
 . TRIBOLIA

TRIBOLOGY

RT ABRASION
 CORROSION
 EROSION
 EROSIVE BURNING
 FRETTING
 FRICTION
 INTERFACIAL TENSION
 LUBRICATION
 WEAR

TRIBUTARIES

RT DRAINAGE PATTERNS
 EARTH RESOURCES
 ESTUARIES
 RIVERS

TRICHLORIDES

USE CHLORIDES

TRIDENT AIRCRAFT

USE DH 121 AIRCRAFT

TRIDENT SUBMARINE

GS WATER VEHICLES
 . SHIPS
 . SUBMARINES
 . TRIDENT SUBMARINE
 . UNDERWATER VEHICLES
 . SUBMARINES
 . TRIDENT SUBMARINE
RT NAVY
 NUCLEAR PROPULSION

TRIENES

GS ALIPHATIC COMPOUNDS
 . ALKENES
 . TRIENES
 HYDROCARBONS
 . ALKENES
 . TRIENES

TRIETHYL COMPOUNDS

GS ALIPHATIC COMPOUNDS
 . ALKYL COMPOUNDS
 . TRIETHYL COMPOUNDS
RT ETHYL COMPOUNDS

TRIFLUOROAMINE OXIDE

GS ALIPHATIC COMPOUNDS
 . FLUOROAMINES
 . TRIFLUOROAMINE OXIDE
 AMINES
 . FLUOROAMINES
 . TRIFLUOROAMINE OXIDE

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TRIFLUOROAMINE OXIDE-(CONT.)

HALOGEN COMPOUNDS
 . FLUORINE COMPOUNDS
 . FLUORO COMPOUNDS
 . FLUORINE ORGANIC COMPOUNDS
 . FLUOROAMINES
 . TRIFLUOROAMINE OXIDE
 ORGANIC COMPOUNDS
 . FLUORINE ORGANIC COMPOUNDS
 . FLUOROAMINES
 . TRIFLUOROAMINE OXIDE

TRIGATRONS

GS SWITCHES
 . TRIGATRONS
RT ∞ GAS TUBES
 PULSE MODULATION
 SPARK GAPS
 TRIGGER CIRCUITS

TRIGGER CIRCUITS

GS CIRCUITS
 . TRIGGER CIRCUITS
RT BISTABLE CIRCUITS
 GATES (CIRCUITS)
 MULTIVIBRATORS
 THRESHOLD GATES
 THRESHOLD LOGIC
 THYRISTORS
 TRIGATRONS

TRIGGERS

USE ACTUATORS

TRIGONOMETRIC FUNCTIONS

GS ANALYSIS (MATHEMATICS)
 . REAL VARIABLES
 . PERIODIC FUNCTIONS
 . TRIGONOMETRIC FUNCTIONS
 . COSINE SERIES
 . SINE SERIES
 . TANGENTS
 FUNCTIONS (MATHEMATICS)
 . TRANSCENDENTAL FUNCTIONS
 . PERIODIC FUNCTIONS
 . TRIGONOMETRIC FUNCTIONS
 . COSINE SERIES
 . SINE SERIES
 . TANGENTS
RT FRESNEL INTEGRALS
 SINE WAVES
 TRIGONOMETRY

TRIGONOMETRY

GS GEOMETRY
 . EUCLIDEAN GEOMETRY
 . ANALYTIC GEOMETRY
 . TRIGONOMETRY
RT ANGLES (GEOMETRY)
 TRIANGLES
 TRIANGULATION
 TRIGONOMETRIC FUNCTIONS

TRIM (BALANCE)

USE AERODYNAMIC BALANCE

TRIMERS

GS PREPOLYMERS
 . TRIMERS
RT DIMERS
 MONOMERS

TRIMETHADIONE

GS ALIPHATIC COMPOUNDS
 . KETONES
 . TRIMETHADIONE
 DRUGS
 . TRIMETHADIONE
 HETEROCYCLIC COMPOUNDS
 . TRIMETHADIONE

TRIMETHYL COMPOUNDS

GS ALIPHATIC COMPOUNDS
 . ALKYL COMPOUNDS
 . TRIMETHYL COMPOUNDS
RT METHYL COMPOUNDS

TRINIDAD AND TOBAGO

GS LANDFORMS
 . ISLANDS
 . WEST INDIES
 . TRINIDAD AND TOBAGO
RT NATIONS
 SOUTH AMERICA

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TRINITRAMINE

GS ALIPHATIC COMPOUNDS
 . TRINITRAMINE
 AMINES
 . TRINITRAMINE
 NITROGEN COMPOUNDS
 . TRINITRAMINE

TRINITRO COMPOUNDS

GS NITROGEN COMPOUNDS
 . NITRO COMPOUNDS
 . TRINITRO COMPOUNDS

TRINITROTOLUENE

UF TNT (TRINITROTOLUENE)
 GS EXPLOSIVES
 . TRINITROTOLUENE
 NITROGEN COMPOUNDS
 . NITRO COMPOUNDS
 . . . NITROBENZENES
 . . . TRINITROTOLUENE
 RT EXPOSURE

TRINITROTRIAZOCYCLOHEXANE

USE RDX

TRIODES

RT CATT DEVICES
 DIODES
 ELECTRON TUBES
 MICROWAVE TUBES
 SEMICONDUCTOR DEVICES
 TETRODES
 THYRISTORS
 TRANSISTORS

TRIOLS

GS ALIPHATIC COMPOUNDS
 . TRIOLS
 . . . CYANURIC ACID
 HYDROXYL COMPOUNDS
 . ALCOHOLS
 . . . TRIOLS
 CYANURIC ACID

TRIPHENYL SILICON

GS SILICON COMPOUNDS
 . ORGANIC SILICON COMPOUNDS
 . . TRIPHENYL SILICON

TRIPHENYLS

GS HYDROCARBONS
 . TRIPHENYLS

TRIPLE AXIS SPECTROMETERS

USE NEUTRON SPECTROMETERS

TRIPLET EXCITATION

USE ATOMIC ENERGY LEVELS

TRIPLET STATE

USE ATOMIC ENERGY LEVELS

TRIPODS

GS SUPPORTS
 . TRIPODS
 RT OPTICAL EQUIPMENT

TRIPROPELLANTS

USE LIQUID ROCKET PROPELLANTS

TRIS (DIFLUORAMINO) FLUOROMETHANE

GS ALIPHATIC COMPOUNDS
 . TRIS (DIFLUORAMINO)
 FLUOROMETHANE
 AMINES
 . TRIS (DIFLUORAMINO)
 FLUOROMETHANE

TRISODIUM PHOSPHATES

GS PHOSPHORUS COMPOUNDS
 . PHOSPHATES
 . . TRISODIUM PHOSPHATES

TRISONIC WIND TUNNELS

GS TEST FACILITIES
 . WIND TUNNELS
 . . TRISONIC WIND TUNNELS
 RT SLOTTED WIND TUNNELS
 TRANSONIC FLOW
 WIND TUNNEL TESTS

TRITIUM

UF HYDROGEN 3
 GS CHEMICAL ELEMENTS
 . HYDROGEN
 . . HYDROGEN ISOTOPES
 . . . TRITIUM
 NUCLEIDES
 ISOTOPES
 HYDROGEN ISOTOPES
 TRITIUM
 RADIOACTIVE ISOTOPES
 TRITIUM
 GASES
 . HYDROGEN
 . . HYDROGEN ISOTOPES
 . . . TRITIUM
 RT HEAVY WATER
 NUCLEAR FUELS

TRITON

GS CELESTIAL BODIES
 . NATURAL SATELLITES
 . . TRITON
 SATELLITES
 . NATURAL SATELLITES
 . . TRITON
 RT GALILEAN SATELLITES
 NEPTUNE (PLANET)
 NEPTUNE ATMOSPHERE
 SATELLITE ATMOSPHERES
 TITAN

TRITONS

GS IONS
 . TRITONS
 RT ALPHA PARTICLES
 PROTONS

TRIVALENT IONS

GS IONS
 . TRIVALENT IONS
 RT FREE RADICALS
 POSITIVE IONS
 VALENCE

TROCHOIDS

USE PIVOTS

TROILITE

GS CHALCOGENIDES
 . SULFIDES
 . . PYRRHOTITE
 . . . TROILITE
 IRON COMPOUNDS
 . PYRRHOTITE
 . . TROILITE
 MINERALS
 . PYRRHOTITE
 . . TROILITE
 SULFUR COMPOUNDS
 . SULFIDES
 . . PYRRHOTITE
 . . . TROILITE
 RT IRON METEORITES
 METEORITIC COMPOSITION

TROJAN AIRCRAFT

USE T-28 AIRCRAFT

TROJAN ORBITS

GS ORBITS
 . SPACECRAFT ORBITS
 . . TROJAN ORBITS
 RT CELESTIAL MECHANICS
 MANY BODY PROBLEM
 THREE BODY PROBLEM

TROMBE WALLS

GS WALLS
 . TROMBE WALLS
 RT ENERGY TECHNOLOGY
 HEAT STORAGE
 PHASE CHANGE MATERIALS
 RADIATIVE HEAT TRANSFER
 SOLAR ENERGY ABSORBERS
 SOLAR HEATING
 SOLAR HOUSES
 THERMAL INSULATION

TROPICAL METEOROLOGY

GS METEOROLOGY
 . TROPICAL METEOROLOGY
 RT AGROMETEOROLOGY

TROPOSPHERIC WAVES

TROPICAL METEOROLOGY-(CONT.)

EQUATORIAL ATMOSPHERE
 GARP ATLANTIC TROPICAL EXPERIMENT
 INTERTROPICAL CONVERGENT ZONES
 METEOROLOGICAL PARAMETERS

TROPICAL REGIONS

UF JUNGLES
 LOW LATITUDES
 SUBTROPICAL REGIONS
 TROPICS
 GS REGIONS
 . TROPICAL REGIONS
 . . AMAZON REGION (SOUTH AMERICA)
 RT CLIMATOLOGY
 EQUATORIAL ATMOSPHERE
 EQUATORIAL REGIONS
 GARP ATLANTIC TROPICAL EXPERIMENT
 GEOGRAPHY
 HOT WEATHER
 INTERTROPICAL CONVERGENT ZONES
 LATERITES
 LOMONOSOV CURRENT
 METEOROLOGY
 RAIN FORESTS
 TEMPERATE REGIONS
 VIRGIN ISLANDS

TROPICAL STORMS

GS STORMS
 . STORMS (METEOROLOGY)
 . . TROPICAL STORMS
 . . . HURRICANES
 ANNA HURRICANE
 TYPHOONS
 RT ATMOSPHERIC CIRCULATION
 CYCLONES
 METEOROLOGY
 STORM DAMAGE
 TORNADOES

TROPICS

USE TROPICAL REGIONS

TROPISM

GS TROPISM
 . AEOLOTROPISM
 . GEOTROPISM
 . GYROTROPISM
 . NEUROTROPISM

TROPOPAUSE

SN (ALTITUDE APPROXIMATELY 15 TO 20 KM)
 GS EARTH ATMOSPHERE
 . TROPOPAUSE
 RT DIURNAL VARIATIONS
 ISOTHERMAL LAYERS
 LOWER ATMOSPHERE
 MIDDLE ATMOSPHERE
 TROPOSPHERE

TROPOSPHERE

GS EARTH ATMOSPHERE
 . LOWER ATMOSPHERE
 . . TROPOSPHERE
 RT CHEMOSPHERE
 HOMOSPHERE
 INTASAT SATELLITE
 TROPOPAUSE

TROPOSPHERIC RADIATION

SN (EXCLUDES TERRESTRIAL RADIATION)
 GS ATMOSPHERIC RADIATION
 . TROPOSPHERIC RADIATION
 ELECTROMAGNETIC RADIATION
 . TROPOSPHERIC RADIATION
 RT SKY RADIATION
 STRATOSPHERE RADIATION
 TERRESTRIAL RADIATION

TROPOSPHERIC SCATTERING

GS SCATTERING
 . WAVE SCATTERING
 . . ATMOSPHERIC SCATTERING
 . . . TROPOSPHERIC SCATTERING
 RT LIGHT SCATTERING
 WIDEBAND COMMUNICATION

TROPOSPHERIC WAVES

SN (EXCLUDES RADIO WAVES)
 GS TROPOSPHERIC WAVES
 . PLANETARY WAVES
 RT ELASTIC WAVES

TROPYL COMPOUNDS

TROPOSPHERIC WAVES-(CONT.)

LEE WAVES
RADIO WAVES
SURFACE WAVES
∞ WAVES

TROPYL COMPOUNDS

GS HETEROCYCLIC COMPOUNDS
. ALKALOIDS
. . . TROPYL COMPOUNDS
NITROGEN COMPOUNDS
. ALKALOIDS
. . . TROPYL COMPOUNDS

TROUBLESHOOTING

USE MAINTENANCE

TROUGHS

RT CANALS
DITCHES
IRRIGATION
LOW PRESSURE

TRUCKS

SN (EXCLUDES UNDERCARRIAGES)
UF VANS
GS SURFACE VEHICLES
. MOTOR VEHICLES
. . . TRUCKS
. . . TANK TRUCKS
RT ANTISKID DEVICES
AUTOMOBILES
CARGO
DELIVERY
DOLLIES
ELECTRIC MOTOR VEHICLES
GROUND HANDLING
HAULING
MATERIALS HANDLING
∞ MILITARY VEHICLES
RECOVERY VEHICLES
TRACTORS
TRAILERS
TRANSPORTATION
TRANSPORTATION ENERGY

TRUNCATION (MATHEMATICS)

USE APPROXIMATION

TRUNCATION ERRORS

GS ERRORS
. TRUNCATION ERRORS
RT PRECISION

TRUNKS (LINES)

USE TRANSMISSION LINES

TRUNNIONS

USE SHAFTS (MACHINE ELEMENTS)

TRUSSES

GS STRUCTURAL MEMBERS
. TRUSSES
RT ARCHES
BEAMS (SUPPORTS)
CONSTRUCTION INDUSTRY
FRAMES
GIRDERS
I BEAMS
LOOPS
MAXWELL-MOHR METHOD
∞ STRUCTURES
STRUTS
SUPPORTS
TIMOSHENKO BEAMS

TRYPANOSOME

GS ANIMALS
. INVERTEBRATES
. . . PROTOZOA
. . . FLAGELLATA
. . . . TRYPANOSOME
MICROORGANISMS
. PROTOZOA
. . . FLAGELLATA
. . . . TRYPANOSOME
RT PARASITIC DISEASES

TRYPSIN

GS ENZYMES
. TRYPSIN
RT PANCREAS

TRYPTAMINES

GS AMINES
. TRYPTAMINES
. . . SEROTONIN

TRYPTOPHAN

GS ACIDS
. AMINO ACIDS
. . . TRYPTOPHAN
HETEROCYCLIC COMPOUNDS
. AZOLES
. . . PYRROLES
. . . INDOLES
. . . . TRYPTOPHAN
NITROGEN COMPOUNDS
. TRYPTOPHAN
ORGANIC COMPOUNDS
. AMINO ACIDS
. . . TRYPTOPHAN

TS-11 AIRCRAFT

UF ISKRA AIRCRAFT
POLISH TS-11 AIRCRAFT
GS JET AIRCRAFT
. TS-11 AIRCRAFT
MONOPLANES
. TS-11 AIRCRAFT
TRAINING AIRCRAFT
. TS-11 AIRCRAFT

TSR-2 AIRCRAFT

UF BAC TSR 2 AIRCRAFT
GS ATTACK AIRCRAFT
. TSR-2 AIRCRAFT
BAC AIRCRAFT
. TSR-2 AIRCRAFT
JET AIRCRAFT
. TSR-2 AIRCRAFT
MONOPLANES
. TSR-2 AIRCRAFT
OBSERVATION AIRCRAFT
. TSR-2 AIRCRAFT
RECONNAISSANCE AIRCRAFT
. TSR-2 AIRCRAFT
SUPERSONIC AIRCRAFT
. TSR-2 AIRCRAFT
TERRAIN FOLLOWING AIRCRAFT
. TSR-2 AIRCRAFT

TSUNAMI WAVES

RT EARTH MOVEMENTS
EARTHQUAKE DAMAGE
EARTHQUAKES
FRONTAL WAVES
SEISMIC WAVES
SHOCK WAVES
SURFACE WAVES
TIDAL WAVES
WATER WAVES

TTL INTEGRATED CIRCUITS

UF TRANSISTOR-TRANSISTOR-LOGIC INTEG
CIRCUITS
GS CIRCUITS
. INTEGRATED CIRCUITS
. . . TTL INTEGRATED CIRCUITS
RT ELECTRONIC PACKAGING
LARGE SCALE INTEGRATION
MICROMINIATURIZATION
MOLECULAR ELECTRONICS
TRANSISTOR CIRCUITS

TU-104 AIRCRAFT

UF CAMEL AIRCRAFT
GS COMMERCIAL AIRCRAFT
. TU-104 AIRCRAFT
JET AIRCRAFT
. TU-104 AIRCRAFT
MONOPLANES
. TU-104 AIRCRAFT
PASSENGER AIRCRAFT
. TU-104 AIRCRAFT
TUPOLEV AIRCRAFT
. TU-104 AIRCRAFT
RT TU-104 AIRCRAFT

TU-121 ENGINE

GS ENGINES
. ROCKET ENGINES
. . . SOLID PROPELLANT ROCKET
ENGINES
. . . . TU-121 ENGINE

TU-122 ENGINE

GS ENGINES

TU-122 ENGINE-(CONT.)

. . . ROCKET ENGINES
. . . BOOSTER ROCKET ENGINES
. . . . TU-122 ENGINE
. . . SOLID PROPELLANT ROCKET
ENGINES
. . . . TU-122 ENGINE
RT MINUTEMAN ICBM

TU-124 AIRCRAFT

UF COOKPOT AIRCRAFT
GS COMMERCIAL AIRCRAFT
. TU-124 AIRCRAFT
JET AIRCRAFT
. TU-124 AIRCRAFT
MONOPLANES
. TU-124 AIRCRAFT
PASSENGER AIRCRAFT
. TU-124 AIRCRAFT
TRANSPORT AIRCRAFT
. TU-124 AIRCRAFT
TUPOLEV AIRCRAFT
. TU-124 AIRCRAFT
RT TURBOFAN ENGINES

TU-134 AIRCRAFT

GS COMMERCIAL AIRCRAFT
. TU-134 AIRCRAFT
JET AIRCRAFT
. TURBOFAN AIRCRAFT
. . . TU-134 AIRCRAFT
MONOPLANES
. TU-134 AIRCRAFT
PASSENGER AIRCRAFT
. TU-134 AIRCRAFT
TUPOLEV AIRCRAFT
. TU-134 AIRCRAFT

TU-144 AIRCRAFT

GS COMMERCIAL AIRCRAFT
. SUPERSONIC COMMERCIAL AIR
TRANSPORT
. . . TU-144 AIRCRAFT
JET AIRCRAFT
. TURBOFAN AIRCRAFT
. . . TU-144 AIRCRAFT
PASSENGER AIRCRAFT
. TU-144 AIRCRAFT
TRANSPORT AIRCRAFT
. TU-144 AIRCRAFT

TU-154 AIRCRAFT

GS COMMERCIAL AIRCRAFT
. TU-154 AIRCRAFT
TRANSPORT AIRCRAFT
. TU-154 AIRCRAFT
TUPOLEV AIRCRAFT
. TU-154 AIRCRAFT
RT AIRCRAFT DESIGN
CARGO AIRCRAFT
JET AIRCRAFT
PASSENGER AIRCRAFT
TU-104 AIRCRAFT

TUBE ANODES

GS ELECTRODES
. ANODES
. . . TUBE ANODES
RT CATHODES
ELECTRON GUNS

TUBE CATHODES

GS ELECTRODES
. CATHODES
. . . TUBE CATHODES
. . . COLD CATHODES
. . . HOT CATHODES
. . . PHOTOCATHODES
. . . THERMIONIC CATHODES
. . . TUNNEL CATHODES
RT COLD CATHODE TUBES
ELECTRON GUNS
HOLLOW CATHODES

TUBE GRIDS

GS ELECTRODES
. TUBE GRIDS
RT BIAS
ELECTRON GUNS
ELECTRON TUBES
∞ GRIDS
IONIZERS

TUBE HEAT EXCHANGERS

GS HEAT EXCHANGERS

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TUBE HEAT EXCHANGERS-(CONT.)

RT TUBE HEAT EXCHANGERS
REGENERATORS

TUBE LASERS

RT CHEMICAL LASERS
GASDYNAMIC LASERS
LASER OUTPUTS
PULSED LASERS
SHOCK TUBES
WAVEGUIDE LASERS

TUBERCULOSIS

GS DISEASES
INFECTIOUS DISEASES
TUBERCULOSIS
RESPIRATORY DISEASES
TUBERCULOSIS
RT ADDISONS DISEASE
PATCH TESTS

TUBES

SN *(USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)*
RT BOURDON TUBES
BRONCHIAL TUBE
BURETTES
CANNULAE
CAPILLARY TUBES
CIRCULAR TUBES
DUCTS
ELECTRON TUBES
EUSTACHIAN TUBES
HILSCH TUBES
HOSES
LININGS
MANIFOLDS
MICROWAVE TUBES
PIPES (TUBES)
PITOT TUBES
SHOCK TUBES
SIPHONS
TRACHEA
VENTURI TUBES

TUBING

USE PIPES (TUBES)

TUMBLING MOTION

RT ATTITUDE STABILITY
DESTABILIZATION
MIXERS
MOTION
ROTATING ENVIRONMENTS
SATELLITE ROTATION
SEPARATION
SPACECRAFT MOTION
SPACECRAFT STABILITY

TUMORS

GS DISEASES
TUMORS
NEOPLASMS
CANCER
LEUKEMIAS
RT CYSTS

TUNABLE LASERS

GS STIMULATED EMISSION DEVICES
LASERS
TUNABLE LASERS
RT LIGHT MODULATION
OPTICAL COMMUNICATION
TUNING
WIGGLER MAGNETS

TUNDRA

GS LAND
PLAINS
TUNDRA
LANDFORMS
TUNDRA
RT ARCTIC REGIONS
ASIA
GEOGRAPHY
NORTH AMERICA

TUNERS

GS TUNERS
WAVEGUIDE TUNERS
RT RADIO RECEIVERS
RESONANCE PROBES
RESONANT FREQUENCIES

TUNERS-(CONT.)

TELEVISION RECEIVERS

TUNGSTATES

GS TUNGSTEN COMPOUNDS
TUNGSTATES
LEAD TUNGSTATES
ZINC TUNGSTATES

TUNGSTEN

GS CHEMICAL ELEMENTS
REFRACTORY METALS
TUNGSTEN
METALS
TRANSITION METALS
REFRACTORY METALS
TUNGSTEN
REFRACTORY MATERIALS
REFRACTORY METALS
TUNGSTEN

TUNGSTEN ALLOYS

GS ALLOYS
HEAT RESISTANT ALLOYS
REFRACTORY METAL ALLOYS
TUNGSTEN ALLOYS
REFRACTORY MATERIALS
REFRACTORY METAL ALLOYS
TUNGSTEN ALLOYS
RT STELLITE (TRADEMARK)

TUNGSTEN CARBIDES

GS CARBON COMPOUNDS
CARBIDES
TUNGSTEN CARBIDES
TUNGSTEN COMPOUNDS
TUNGSTEN CARBIDES

TUNGSTEN CHLORIDES

GS HALOGEN COMPOUNDS
CHLORINE COMPOUNDS
CHLORIDES
TUNGSTEN CHLORIDES
HALIDES
CHLORIDES
TUNGSTEN CHLORIDES
METAL HALIDES
TUNGSTEN HALIDES
TUNGSTEN CHLORIDES
TUNGSTEN COMPOUNDS
TUNGSTEN HALIDES
TUNGSTEN CHLORIDES

TUNGSTEN COMPOUNDS

GS TUNGSTEN COMPOUNDS
CALCIUM TUNGSTATES
TUNGSTATES
LEAD TUNGSTATES
ZINC TUNGSTATES
TUNGSTEN CARBIDES
TUNGSTEN HALIDES
TUNGSTEN CHLORIDES
TUNGSTEN FLUORIDES
TUNGSTEN OXIDES
SCHEELITE
RT GROUP 6B COMPOUNDS
METAL COMPOUNDS

TUNGSTEN FLUORIDES

GS HALOGEN COMPOUNDS
FLUORINE COMPOUNDS
FLUORIDES
METAL FLUORIDES
TUNGSTEN FLUORIDES
HALIDES
METAL HALIDES
TUNGSTEN HALIDES
TUNGSTEN FLUORIDES
TUNGSTEN COMPOUNDS
TUNGSTEN HALIDES
TUNGSTEN FLUORIDES

TUNGSTEN HALIDES

GS HALOGEN COMPOUNDS
HALIDES
METAL HALIDES
TUNGSTEN HALIDES
TUNGSTEN CHLORIDES
TUNGSTEN FLUORIDES
TUNGSTEN COMPOUNDS
TUNGSTEN HALIDES
TUNGSTEN CHLORIDES
TUNGSTEN FLUORIDES

TUNNELING (EXCAVATION)

TUNGSTEN INERT GAS WELDING

USE GAS TUNGSTEN ARC WELDING

TUNGSTEN ISOTOPIES

GS CHEMICAL ELEMENTS
REFRACTORY METALS
TUNGSTEN ISOTOPIES
METALS
TRANSITION METALS
REFRACTORY METALS
TUNGSTEN ISOTOPIES
REFRACTORY MATERIALS
REFRACTORY METALS
TUNGSTEN ISOTOPIES

TUNGSTEN OXIDES

GS CHALCOGENIDES
OXIDES
METAL OXIDES
TUNGSTEN OXIDES
SCHEELITE
TUNGSTEN COMPOUNDS
TUNGSTEN OXIDES
SCHEELITE

TUNGUSK METEORITE

GS CELESTIAL BODIES
METEORITES
STONY METEORITES
TUNGUSK METEORITE
RT METEORITE CRATERS

TUNING

GS TUNING
SCHULER TUNING
RT AUTOMATIC FREQUENCY CONTROL
AUTOMATIC GAIN CONTROL
DYE LASERS
Q FACTORS
RESONANCE
RESONANT FREQUENCIES
RESONATORS
TUNABLE LASERS

TUNING FORK GYROSCOPES

GS GYROSCOPES
TUNING FORK GYROSCOPES
RT RESONATORS

TUNISIA

RT AFRICA
NATIONS

TUNNEL CATHODES

GS ELECTRODES
CATHODES
TUBE CATHODES
TUNNEL CATHODES
RT COLD CATHODE TUBES
COLD CATHODES
ELECTRON TUBES
HOLLOW CATHODES
TUNNELS

TUNNEL DIODES

UF ESAKI DIODES
GS ELECTRONIC EQUIPMENT
DIODES
SEMICONDUCTOR DIODES
TUNNEL DIODES
RT ELECTRON TUNNELING
JUNCTION DIODES
MIM DIODES
NEGATIVE CONDUCTANCE
NEGATIVE RESISTANCE CIRCUITS
TUNNELS

TUNNEL RESISTORS

USE ELECTRON TUNNELING
RESISTORS

TUNNELING

SN *(USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)*
RT ELECTRON TUNNELING
TUNNELING (EXCAVATION)

TUNNELING (EXCAVATION)

GS EXCAVATION
TUNNELING (EXCAVATION)
RT BEDROCK
CONSTRUCTION
DRAINAGE

TUNNELS

TUNNELING (EXCAVATION)-(CONT.)

DRILLING
JACKS (LIFTS)
LINING PROCESSES
ROCKS
SOILS
∞ TUNNELING
UNDERGROUND STRUCTURES

∞ TUNNELS

SN (USE OF A MORE SPECIFIC TERM IS
RECOMMENDED—CONSULT THE TERMS
LISTED BELOW)
RT GAPS
HYDRAULIC TEST TUNNELS
LUNAR SHELTERS
PASSAGEWAYS
STREETS
TRANSFER TUNNELS
TUNNEL CATHODES
TUNNEL DIODES
WIND TUNNELS

TUPOLEV AIRCRAFT

GS TUPOLEV AIRCRAFT
TU-104 AIRCRAFT
TU-124 AIRCRAFT
TU-134 AIRCRAFT
TU-154 AIRCRAFT
RT ∞ AIRCRAFT

TURBIDITY

GS ELECTROMAGNETIC PROPERTIES
OPTICAL PROPERTIES
TURBIDITY
RT ABSORPTANCE
CLARITY
HAZE
LIGHT TRANSMISSION
OPACITY
OPTICAL DENSITY
∞ PROPERTIES
SOLUBILITY
TRANSPARENC

TURBINE BLADES

GS TURBOMACHINE BLADES
TURBINE BLADES
RT ∞ BLADES
COMPRESSOR BLADES
ENGINE PARTS
FAN BLADES
ROTOR BLADES (TURBOMACHINERY)
STATOR BLADES
TURBINES

TURBINE ENGINES

GS ENGINES
TURBINE ENGINES
GAS TURBINE ENGINES
JET ENGINES
RAMJET ENGINES
LOW VOLUME RAMJET ENGINES
PULSEJET ENGINES
SUPERSONIC COMBUSTION
RAMJET ENGINES
TURBORAMJET ENGINES
T-63 ENGINE
T-76 ENGINE
TURBOJET ENGINES
BRISTOL-SIDDELEY OLYMPUS
593 ENGINE
BRISTOL-SIDDELEY VIPER
ENGINE
DUCTED FAN ENGINES
J-33 ENGINE
J-34 ENGINE
J-40 ENGINE
J-47 ENGINE
J-52 ENGINE
J-57 ENGINE
J-57-P-20 ENGINE
J-65 ENGINE
J-69-T-25 ENGINE
J-71 ENGINE
J-73 ENGINE
J-75 ENGINE
J-79 ENGINE
J-85 ENGINE
J-93 ENGINE
RA-28 ENGINE
TURBOFAN ENGINES
BRISTOL-SIDDELEY BS 53
ENGINE
CF-700 ENGINE

TURBINE ENGINES-(CONT.)

J-97 ENGINE
STF-102 ENGINE
TF-30 ENGINE
TF-41 ENGINE
TF-106 ENGINE
TURBOPROP ENGINES
T-34 ENGINE
T-38 ENGINE
T-53 ENGINE
T-56 ENGINE
T-64 ENGINE
T-74 ENGINE
T-78 ENGINE
TURBORAMJET ENGINES
PTL-6 ENGINE
T-58 ENGINE
T-58-GE-8B ENGINE
RT AIRCRAFT ENGINES
AUTOMOBILE ENGINES
CONVERGENT NOZZLES
GAS BEARINGS
TORPEDO ENGINES

TURBINE EXHAUST NOZZLES

GS EXHAUST NOZZLES
TURBINE EXHAUST NOZZLES
RT CONICAL NOZZLES
CONVERGENT-DIVERGENT NOZZLES

TURBINE INSTRUMENTS

RT FLOWMETERS
∞ INSTRUMENTS
TURBOMACHINERY

TURBINE PUMPS

UF TURBOPUMPS
GS PUMPS
AXIAL FLOW PUMPS
TURBINE PUMPS
TURBOMACHINERY
TURBINE PUMPS
RT CENTRIFUGAL PUMPS
FUEL PUMPS
JET PUMPS
PREBURNERS
TURBINES
TURBOCOMPRESSORS

TURBINE WHEELS

UF ROTOR DISKS
TURBOROTORS
GS ROTATING BODIES
ROTORS
TURBINE WHEELS
WHEELS
TURBINE WHEELS
RT COMPRESSOR ROTORS
ENGINE PARTS
HYDRAULIC EQUIPMENT
IMPELLERS
TURBINES
TURBOMACHINE BLADES
WATER WHEELS

TURBINES

GS TURBOMACHINERY
TURBINES
AXIAL FLOW TURBINES
GAS TURBINES
SHROUDED TURBINES
STEAM TURBINES
SUPERSONIC TURBINES
TWO STAGE TURBINES
WIND TURBINES
RT ENGINES
GEOTHERMAL ENERGY CONVERSION
GEOTHERMAL ENERGY EXTRACTION
IMPELLERS
IMPULSE GENERATORS
JET ENGINE FUELS
JET PROPULSION
NOZZLES
REFRACTORIES
ROTATING GENERATORS
ROTORS
STATORS
TURBINE BLADES
TURBINE PUMPS
TURBINE WHEELS
TURBOGENERATORS
TURBOSHAFTS

TURBO-SKYVAN AIRCRAFT

USE SC-7 AIRCRAFT

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TURBOCHARGERS

USE SUPERCHARGERS
TURBOCOMPRESSORS

TURBOCOMPRESSORS

UF AXIAL COMPRESSORS
AXIAL FLOW COMPRESSORS
MULTISTAGE COMPRESSORS
TURBOCHARGERS
GS COMPRESSORS
TURBOCOMPRESSORS
TURBOMACHINERY
TURBOCOMPRESSORS
RT CENTRIFUGAL COMPRESSORS
CENTRIFUGAL PUMPS
COMPRESSOR BLADES
COMPRESSOR ROTORS
ROTATING STALLS
ROTORS
SUPERCHARGERS
SUPERSONIC COMPRESSORS
TRANSONIC COMPRESSORS
TURBINE PUMPS
TURBOFANS

TURBOCONVERTERS

USE TURBOGENERATORS

TURBOELECTRIC CONVERSION

USE TURBOGENERATORS

TURBOFAN AIRCRAFT

GS JET AIRCRAFT
TURBOFAN AIRCRAFT
A-7 AIRCRAFT
BAC 111 AIRCRAFT
BOEING 707 AIRCRAFT
BOEING 720 AIRCRAFT
BOEING 727 AIRCRAFT
BOEING 733 AIRCRAFT
BOEING 737 AIRCRAFT
BOEING 757 AIRCRAFT
BOEING 767 AIRCRAFT
C-141 AIRCRAFT
CONCORDE AIRCRAFT
CV-990 AIRCRAFT
DC 8 AIRCRAFT
DH 121 AIRCRAFT
DO-31 AIRCRAFT
F-28 TRANSPORT AIRCRAFT
F-111 AIRCRAFT
HE-211 AIRCRAFT
IL-62 AIRCRAFT
MYSTERE 20 AIRCRAFT
P-1127 AIRCRAFT
P-1154 AIRCRAFT
SAAB 37 AIRCRAFT
SAAB 105 AIRCRAFT
SE-210 AIRCRAFT
TU-134 AIRCRAFT
TU-144 AIRCRAFT
RT C-135 AIRCRAFT
LOW WING AIRCRAFT
MYSTERE 50 AIRCRAFT
PASSENGER AIRCRAFT
TRANSPORT AIRCRAFT
TURBOPROP AIRCRAFT

TURBOFAN ENGINES

GS ENGINES
AIR BREATHING ENGINES
GAS TURBINE ENGINES
JET ENGINES
TURBOJET ENGINES
TURBOFAN ENGINES
BRISTOL-SIDDELEY BS 53
ENGINE
CF-700 ENGINE
J-97 ENGINE
STF-102 ENGINE
TF-41 ENGINE
TF-106 ENGINE
INTERNAL COMBUSTION ENGINES
GAS TURBINE ENGINES
JET ENGINES
TURBOJET ENGINES
TURBOFAN ENGINES
BRISTOL-SIDDELEY BS 53
ENGINE
CF-700 ENGINE
J-97 ENGINE
STF-102 ENGINE
TF-30 ENGINE
TF-41 ENGINE
TF-106 ENGINE

TURBOFAN ENGINES-(CONT.)

- . TURBINE ENGINES
- . GAS TURBINE ENGINES
- . JET ENGINES
- . TURBOJET ENGINES
- . **TURBOFAN ENGINES**
- BRISTOL-SIDDELEY BS 53 ENGINE
- CF-700 ENGINE
- J-97 ENGINE
- STF-102 ENGINE
- TF-30 ENGINE
- TF-41 ENGINE
- TF-106 ENGINE
- RT B-52 AIRCRAFT
- BOEING 747 AIRCRAFT
- BOEING 767 AIRCRAFT
- C-5 AIRCRAFT
- C-141 AIRCRAFT
- DC 10 AIRCRAFT
- DUCTED FAN ENGINES
- L-1011 AIRCRAFT
- P-1127 AIRCRAFT
- P-1154 AIRCRAFT
- TU-124 AIRCRAFT
- TURBOFANS
- TURBOPROP ENGINES

TURBOFANS

- GS TURBOMACHINERY
- . **TURBOFANS**
- RT DUCTED FANS
- ∞ FANS
- LIFT FANS
- TURBOCOMPRESSORS
- TURBOFAN ENGINES

TURBOGENERATORS

- UF THERMAL POWER
- TURBOCONVERTERS
- TURBOELECTRIC CONVERSION
- GS ELECTRIC GENERATORS
- . ROTATING GENERATORS
- . **TURBOGENERATORS**
- . . . ASTEC SOLAR TURBOELECTRIC GENERATOR
- TURBOMACHINERY
- . **TURBOGENERATORS**
- . . . ASTEC SOLAR TURBOELECTRIC GENERATOR
- RT AC GENERATORS
- ∞ ELECTRIC POWER
- ELECTRICAL ENGINEERING
- GAS TURBINE ENGINES
- GAS TURBINES
- ∞ GENERATORS
- GEOTHERMAL ENERGY CONVERSION
- GEOTHERMAL ENERGY EXTRACTION
- GEOTHERMAL ENERGY UTILIZATION
- HYDROELECTRIC POWER STATIONS
- HYDROELECTRICITY
- SNAP
- SNAP 1
- SNAP 2
- SNAP 8
- SOLAR GENERATORS
- SPACE POWER REACTORS
- SPACE POWER UNIT REACTORS
- STEAM TURBINES
- SUNFLOWER POWER SYSTEM
- TURBINES
- WIND TURBINES

TURBOJET AIRCRAFT

- USE JET AIRCRAFT

TURBOJET ENGINE CONTROL

- GS ENGINE CONTROL
- . **TURBOJET ENGINE CONTROL**
- RT AIRCRAFT CONTROL
- AUTOMATIC CONTROL
- FLIGHT CONTROL
- FUEL CONTROL
- REMOTE CONTROL
- SERVOCONTROL
- THRUST CONTROL

TURBOJET ENGINES

- GS ENGINES
- . AIR BREATHING ENGINES
- . GAS TURBINE ENGINES
- . JET ENGINES
- . **TURBOJET ENGINES**
- BRISTOL-SIDDELEY OLYMPUS 593 ENGINE

TURBOJET ENGINES-(CONT.)

- BRISTOL-SIDDELEY VIPER ENGINE
- DUCTED FAN ENGINES
- J-33 ENGINE
- J-34 ENGINE
- J-40 ENGINE
- J-47 ENGINE
- J-57 ENGINE
- J-57-P-20 ENGINE
- J-65 ENGINE
- J-69-T-25 ENGINE
- J-71 ENGINE
- J-73 ENGINE
- J-75 ENGINE
- J-79 ENGINE
- J-85 ENGINE
- J-93 ENGINE
- RA-28 ENGINE
- TURBOFAN ENGINES
- BRISTOL-SIDDELEY BS 53 ENGINE
- CF-700 ENGINE
- J-97 ENGINE
- STF-102 ENGINE
- TF-41 ENGINE
- TF-106 ENGINE
- TURBOPROP ENGINES
- T-53 ENGINE
- T-56 ENGINE
- T-64 ENGINE
- T-74 ENGINE
- TURBORAMJET ENGINES
- INTERNAL COMBUSTION ENGINES
- GAS TURBINE ENGINES
- JET ENGINES
- . **TURBOJET ENGINES**
- BRISTOL-SIDDELEY OLYMPUS 593 ENGINE
- BRISTOL-SIDDELEY VIPER ENGINE
- DUCTED FAN ENGINES
- J-33 ENGINE
- J-34 ENGINE
- J-40 ENGINE
- J-47 ENGINE
- J-52 ENGINE
- J-57 ENGINE
- J-57-P-20 ENGINE
- J-65 ENGINE
- J-69-T-25 ENGINE
- J-71 ENGINE
- J-73 ENGINE
- J-75 ENGINE
- J-79 ENGINE
- J-85 ENGINE
- J-93 ENGINE
- RA-28 ENGINE
- TURBOFAN ENGINES
- BRISTOL-SIDDELEY BS 53 ENGINE
- CF-700 ENGINE
- J-97 ENGINE
- STF-102 ENGINE
- TF-30 ENGINE
- TF-41 ENGINE
- TF-106 ENGINE
- TURBOPROP ENGINES
- T-34 ENGINE
- T-38 ENGINE
- T-53 ENGINE
- T-56 ENGINE
- T-64 ENGINE
- T-74 ENGINE
- T-78 ENGINE
- TURBORAMJET ENGINES
- TURBINE ENGINES
- GAS TURBINE ENGINES
- JET ENGINES
- . **TURBOJET ENGINES**
- BRISTOL-SIDDELEY OLYMPUS 593 ENGINE
- BRISTOL-SIDDELEY VIPER ENGINE
- DUCTED FAN ENGINES
- J-33 ENGINE
- J-34 ENGINE
- J-40 ENGINE
- J-47 ENGINE
- J-52 ENGINE
- J-57 ENGINE
- J-57-P-20 ENGINE
- J-65 ENGINE
- J-69-T-25 ENGINE
- J-71 ENGINE
- J-73 ENGINE
- J-75 ENGINE
- J-79 ENGINE
- J-85 ENGINE
- J-93 ENGINE
- RA-28 ENGINE
- TURBOFAN ENGINES
- BRISTOL-SIDDELEY BS 53 ENGINE
- CF-700 ENGINE
- J-97 ENGINE
- STF-102 ENGINE
- TF-30 ENGINE
- TF-41 ENGINE
- TF-106 ENGINE
- TURBOPROP ENGINES
- T-34 ENGINE
- T-38 ENGINE
- T-53 ENGINE
- T-56 ENGINE
- T-64 ENGINE
- T-74 ENGINE
- T-78 ENGINE
- TURBORAMJET ENGINES
- TURBINE ENGINES
- GAS TURBINE ENGINES
- JET ENGINES
- . **TURBOJET ENGINES**
- BRISTOL-SIDDELEY OLYMPUS 593 ENGINE
- BRISTOL-SIDDELEY VIPER ENGINE
- DUCTED FAN ENGINES
- J-33 ENGINE
- J-34 ENGINE
- J-40 ENGINE
- J-47 ENGINE
- J-52 ENGINE
- J-57 ENGINE
- J-57-P-20 ENGINE
- J-65 ENGINE
- J-69-T-25 ENGINE
- J-71 ENGINE
- J-73 ENGINE

TURBOJET ENGINES-(CONT.)

- J-75 ENGINE
- J-79 ENGINE
- J-85 ENGINE
- J-93 ENGINE
- RA-28 ENGINE
- TURBOFAN ENGINES
- BRISTOL-SIDDELEY BS 53 ENGINE
- CF-700 ENGINE
- J-97 ENGINE
- STF-102 ENGINE
- TF-30 ENGINE
- TF-41 ENGINE
- TF-106 ENGINE
- TURBOPROP ENGINES
- T-34 ENGINE
- T-38 ENGINE
- T-53 ENGINE
- T-56 ENGINE
- T-64 ENGINE
- T-74 ENGINE
- T-78 ENGINE
- TURBORAMJET ENGINES
- RT CONVERGENT NOZZLES
- HOUD DOG MISSILE
- JET AIRCRAFT
- MACE MISSILES
- QUAIL MISSILE
- RAMJET ENGINES
- REGULUS MISSILE

TURBOMACHINE BLADES

- GS **TURBOMACHINE BLADES**
- . COMPRESSOR BLADES
- . ROTOR BLADES (TURBOMACHINERY)
- . STATOR BLADES
- . TURBINE BLADES
- RT AIRFOILS
- ∞ BLADES
- ∞ BUCKETS
- CASCADE FLOW
- FAN BLADES
- IMPELLERS
- PADDLES
- ROTORS
- TURBINE WHEELS
- VANES

TURBOMACHINERY

- GS **TURBOMACHINERY**
- . CENTRIFUGAL COMPRESSORS
- . CENTRIFUGAL PUMPS
- . J-33 ENGINE
- . TURBINE PUMPS
- . TURBINES
- . . AXIAL FLOW TURBINES
- . . GAS TURBINES
- . . SHROUDED TURBINES
- . . STEAM TURBINES
- . . SUPERSONIC TURBINES
- . . TWO STAGE TURBINES
- . . WIND TURBINES
- . TURBOCOMPRESSORS
- . TURBOFANS
- . TURBOGENERATORS
- . . ASTEC SOLAR TURBOELECTRIC GENERATOR
- RT BLOWERS
- COMPRESSORS
- ∞ MACHINERY
- PUMPS
- ROTATING GENERATORS
- SUPERCHARGERS
- TURBINE INSTRUMENTS

TURBOPAUSE

- GS EARTH ATMOSPHERE
- . UPPER ATMOSPHERE
- . THERMOSPHERE
- . **TURBOPAUSE**
- RT ATMOSPHERIC CIRCULATION
- ATMOSPHERIC PHYSICS
- ATMOSPHERIC TURBULENCE

TURBOPROP AIRCRAFT

- GS JET AIRCRAFT
- . **TURBOPROP AIRCRAFT**
- . . AN-22 AIRCRAFT
- . . AN-24 AIRCRAFT
- . . ARGOSY MK-1 AIRCRAFT
- . . AW 650 AIRCRAFT
- . . BREGUET 941 AIRCRAFT
- . . BREGUET 942 AIRCRAFT
- . . BREGUET 1150 AIRCRAFT

TURBOPROP ENGINES

TURBOPROP AIRCRAFT-(CONT.)

.. C-2 AIRCRAFT
 .. C-133 AIRCRAFT
 .. C-160 AIRCRAFT
 .. CL-44 AIRCRAFT
 .. CL-84 AIRCRAFT
 .. DHC 5 AIRCRAFT
 .. DINFIA FA AIRCRAFT
 .. ELECTRA AIRCRAFT
 .. F-27 AIRCRAFT
 .. G-222 AIRCRAFT
 .. HS-748 AIRCRAFT
 .. MH-260 AIRCRAFT
 .. MH-262 AIRCRAFT
 .. OV-1 AIRCRAFT
 .. OV-10 AIRCRAFT
 .. POTEZ 840 AIRCRAFT
 .. SC-5 AIRCRAFT
 .. VISCOUNT AIRCRAFT
 .. YS-11 AIRCRAFT
 RT ∞ AIRCRAFT
 GENERAL AVIATION AIRCRAFT
 ∞ LOW WING AIRCRAFT
 PASSENGER AIRCRAFT
 ∞ SUBSONIC AIRCRAFT
 TRANSPORT AIRCRAFT
 TURBOFAN AIRCRAFT

TURBOPROP ENGINES

UF DART TURBOPROP ENGINES
 GS ENGINES
 .. AIR BREATHING ENGINES
 .. GAS TURBINE ENGINES
 .. JET ENGINES
 .. TURBOJET ENGINES
 .. TURBOPROP ENGINES
 .. T-53 ENGINE
 .. T-56 ENGINE
 .. T-64 ENGINE
 .. T-74 ENGINE
 .. INTERNAL COMBUSTION ENGINES
 .. GAS TURBINE ENGINES
 .. JET ENGINES
 .. TURBOJET ENGINES
 .. TURBOPROP ENGINES
 .. T-34 ENGINE
 .. T-38 ENGINE
 .. T-53 ENGINE
 .. T-56 ENGINE
 .. T-64 ENGINE
 .. T-74 ENGINE
 .. T-78 ENGINE
 .. TURBINE ENGINES
 .. GAS TURBINE ENGINES
 .. JET ENGINES
 .. TURBOJET ENGINES
 .. TURBOPROP ENGINES
 .. T-34 ENGINE
 .. T-38 ENGINE
 .. T-53 ENGINE
 .. T-56 ENGINE
 .. T-64 ENGINE
 .. T-74 ENGINE
 .. T-78 ENGINE
 RT C-160 AIRCRAFT
 CONTRAROTATING PROPELLERS
 E-2 AIRCRAFT
 P-3 AIRCRAFT
 PROP-FAN TECHNOLOGY
 TURBOFAN ENGINES
 XC-142 AIRCRAFT

TURBOPUMPS

USE TURBINE PUMPS

TURBORAMJET ENGINES

GS ENGINES
 .. AIR BREATHING ENGINES
 .. GAS TURBINE ENGINES
 .. JET ENGINES
 .. RAMJET ENGINES
 .. TURBORAMJET ENGINES
 .. TURBOJET ENGINES
 .. TURBORAMJET ENGINES
 .. INTERNAL COMBUSTION ENGINES
 .. GAS TURBINE ENGINES
 .. JET ENGINES
 .. RAMJET ENGINES
 .. TURBORAMJET ENGINES
 .. TURBOJET ENGINES
 .. TURBORAMJET ENGINES
 .. TURBINE ENGINES
 .. GAS TURBINE ENGINES
 .. JET ENGINES
 .. RAMJET ENGINES

TURBORAMJET ENGINES-(CONT.)

.. TURBORAMJET ENGINES
 .. TURBOJET ENGINES
 .. TURBORAMJET ENGINES

TURBOROCKET ENGINES

GS ENGINES
 .. ROCKET ENGINES
 .. TURBOROCKET ENGINES
 .. TORPEDO ENGINES
 .. TURBOROCKET ENGINES
 RT BOOSTER ROCKET ENGINES
 HYDRAZINE ENGINES
 HYDROGEN OXYGEN ENGINES
 LIQUID AIR CYCLE ENGINES
 RESTARTABLE ROCKET ENGINES
 SUSTAINER ROCKET ENGINES

TURBOROTORS

USE TURBINE WHEELS

TURBOSHAPTS

GS ROTATING SHAFTS
 .. SHAFTS (MACHINE ELEMENTS)
 .. TURBOSHAPTS
 RT ROTORS
 TURBINES

TURBULENCE

GS TURBULENCE
 .. ATMOSPHERIC TURBULENCE
 .. CLEAR AIR TURBULENCE
 .. GUSTS
 .. LOW LEVEL TURBULENCE
 .. HOMOGENEOUS TURBULENCE
 .. ISOTROPIC TURBULENCE
 .. LOW TURBULENCE
 .. MAGNETOHYDRODYNAMIC
 .. TURBULENCE
 .. PLASMA TURBULENCE
 RT AERODYNAMIC DRAG
 ATMOSPHERIC EFFECTS
 BACKWASH
 BOUNDARY LAYER CONTROL
 BOUNDARY LAYER TRANSITION
 FLOW CHARACTERISTICS
 FLUID DYNAMICS
 GAS STREAMS
 MICROMETEOROLOGY
 MIXING
 ∞ MOTION
 NONUNIFORMITY
 PANEL METHOD (FLUID DYNAMICS)
 SEA ROUGHNESS
 SLIPSTREAMS
 STEADY FLOW
 STROUHAL NUMBER
 TURBULENT BOUNDARY LAYER
 TURBULENT FLOW
 UNSTEADY FLOW
 VERTICAL AIR CURRENTS
 VORTEX FILAMENTS
 VORTICES
 VORTICITY
 WAKES
 WIND EFFECTS

TURBULENCE EFFECTS

RT AERODYNAMIC STABILITY
 BUFFETING
 ∞ EFFECTS
 FLUTTER
 SEPARATED FLOW

TURBULENCE METERS

UF HOT-WIRE TURBULENCE METERS
 GS MEASURING INSTRUMENTS
 .. TURBULENCE METERS
 RT HOT-WIRE FLOWMETERS

TURBULENT BOUNDARY LAYER

GS BOUNDARY LAYERS
 .. TURBULENT BOUNDARY LAYER
 RT BOUNDARY LAYER TRANSITION
 COMPRESSIBLE BOUNDARY LAYER
 EKMAN LAYER
 HYPERSONIC BOUNDARY LAYER
 INCOMPRESSIBLE BOUNDARY LAYER
 LAMINAR BOUNDARY LAYER
 ∞ LAYERS
 REYNOLDS STRESS
 SUPERSONIC BOUNDARY LAYERS
 THERMAL BOUNDARY LAYER
 THREE DIMENSIONAL BOUNDARY LAYER
 TURBULENCE

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TURBULENT BOUNDARY LAYER-(CONT.)

TWO DIMENSIONAL BOUNDARY LAYER

TURBULENT DIFFUSION

UF EDDY DIFFUSION
 GS DIFFUSION
 .. TURBULENT DIFFUSION
 RT ATMOSPHERIC DIFFUSION
 ATMOSPHERIC TURBULENCE
 CLEAR AIR TURBULENCE
 COUNTERFLOW

TURBULENT FLOW

GS FLUID FLOW
 .. TURBULENT FLOW
 .. CAVITATION FLOW
 .. SUPERCAVITATING FLOW
 RT AERODYNAMIC INTERFERENCE
 AERODYNAMICS
 ANNULAR FLOW
 ATMOSPHERIC TURBULENCE
 BLASIUS FLOW
 BOUNDARY LAYER TRANSITION
 CLOSURE LAW
 COMBUSTIBLE FLOW
 COUNTERFLOW
 CRITICAL FLOW
 EDDY VISCOSITY
 FLOW CHARACTERISTICS
 FLOW STABILITY
 FLUID AMPLIFIERS
 FLUID DYNAMICS
 FREE CONVECTION
 GAS FLOW
 GUST ALLEVIATORS
 INVISCID FLOW
 ISOTROPIC TURBULENCE
 KOLMOGOROFF THEORY
 LAGRANGE SIMILARITY HYPOTHESIS
 LAMINAR FLOW
 LIQUID FLOW
 MASS FLOW
 MIXING LENGTH FLOW THEORY
 MULTIPHASE FLOW
 NONUNIFORM FLOW
 OPEN CHANNEL FLOW
 ORIFICE FLOW
 PIPE FLOW
 PRESSURE OSCILLATIONS
 RECIRCULATIVE FLUID FLOW
 REYNOLDS NUMBER
 REYNOLDS STRESS
 ROTATING FLUIDS
 SINGLE-PHASE FLOW
 STEADY FLOW
 STEAM FLOW
 SUBCRITICAL FLOW
 SUPERCRITICAL FLOW
 TOLLMEIN-SCHLICHTING WAVES
 ∞ TRANSITION LAYERS
 TURBULENCE
 TWO PHASE FLOW
 UNIFORM FLOW
 VISCOUS DRAG
 VISCOUS FLOW
 VORTEX AVOIDANCE
 VORTEX BREAKDOWN
 VORTICES
 VORTICITY TRANSPORT HYPOTHESIS

TURBULENT HEAT TRANSFER

GS TRANSMISSION
 .. HEAT TRANSMISSION
 .. HEAT TRANSFER
 .. TURBULENT HEAT TRANSFER
 RT AERODYNAMIC HEAT TRANSFER
 CONVECTIVE HEAT TRANSFER
 LAMINAR HEAT TRANSFER
 THERMOHYDRAULICS

TURBULENT JETS

RT FLUID AMPLIFIERS
 JET STREAMS (METEOROLOGY)
 ∞ JETS

TURBULENT MIXING

GS MIXING
 .. TURBULENT MIXING
 RT AGITATION
 LAMINAR MIXING
 MIXING LENGTH FLOW THEORY
 RECIRCULATIVE FLUID FLOW
 TRAPPED VORTICES
 VORTICES

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TURBULENT WAKES
 UF SWIRLING WAKES
 GS WAKES
 . **TURBULENT WAKES**
 . . SLIPSTREAMS
 . . . PROPELLER SLIPSTREAMS
 RT AIRCRAFT WAKES
 LAMINAR WAKES
 TRAPPED VORTEXES
 VORTEX ADVISORY SYSTEM
 VORTEX SHEETS
 VORTEX STREETS

TURING MACHINES
 UF FINITE-STATE MACHINES
 RT AUTOMATA THEORY
 DIGITAL COMPUTERS
 ∞ MACHINERY
 MATHEMATICAL LOGIC
 SELF ORGANIZING SYSTEMS

TURKEY
 RT BLACK SEA
 EUROPE
 NATIONS

TURKEYS
 GS ANIMALS
 . VERTEBRATES
 . . BIRDS
 . . . **TURKEYS**
 RT LIVESTOCK

TURNAROUND (STS)
 RT DOWNTIME
 FLIGHT TIME
 LAUNCH DATES
 SCHEDULES
 SEQUENCING
 TESTING TIME

TURNING FLIGHT
 UF BANKING FLIGHT
 GS **TURNING FLIGHT**
 . MINOR CIRCLE TURNING FLIGHT
 RT AERODYNAMIC BALANCE
 AIRCRAFT MANEUVERS
 AIRCRAFT STABILITY
 CLIMBING FLIGHT
 ∞ FLIGHT
 FLIGHT PATHS
 HORIZONTAL FLIGHT
 LATERAL OSCILLATION
 LATERAL STABILITY
 MANEUVERS
 MOMENTUM
 ROLL
 YAW

TURNSTILE ANTENNAS
 GS ANTENNAS
 . OMNIDIRECTIONAL ANTENNAS
 . . **TURNSTILE ANTENNAS**
 ARRAYS
 . ANTENNA ARRAYS
 . . **TURNSTILE ANTENNAS**
 RT DIPOLE ANTENNAS
 ∞ GRIDS
 WIRE GRID LENSES

TURPENTINE
 GS SOLVENTS
 . **TURPENTINE**
 TERPENES
 . **TURPENTINE**
 RT PAINTS

∞ TURRET
 SN *(USE OF A MORE SPECIFIC TERM IS
 RECOMMENDED--CONSULT THE TERMS
 LISTED BELOW)*
 RT GUN TURRETS
 TURRET LATHES

TURRET LATHES
 GS TOOLS
 . MACHINE TOOLS
 . . LATHES
 . . . **TURRET LATHES**
 RT ∞ TURRET

TURTLES
 GS ANIMALS
 . POIKILOthermia

TURTLES-(CONT.)
 . . REPTILES
 . . . **TURTLES**
 . . VERTEBRATES
 . . REPTILES
 . . . **TURTLES**

TUTOR AIRCRAFT
 USE CL-41 AIRCRAFT

TVC (CONTROL)
 USE THRUST VECTOR CONTROL

TWENTY-FOUR HOUR ORBITS
 GS ORBITS
 . SPACECRAFT ORBITS
 . . SATELLITE ORBITS
 . . . **TWENTY-FOUR HOUR ORBITS**
 RT CIRCULAR ORBITS
 EARTH ORBITS
 EQUATORIAL ORBITS
 GEOSYNCHRONOUS ORBITS
 ORBITAL MECHANICS
 PAS
 PLANETARY ORBITS
 POLAR ORBITS
 STATIONARY ORBITS
 SYNCHRONOUS COMMUNICATIONS
 SATELLITE PROJ
 SYNCHRONOUS SATELLITES

TWENTY-SEVEN DAY VARIATION
 GS VARIATIONS
 . **TWENTY-SEVEN DAY VARIATION**
 RT SOLAR CYCLES
 SOLAR ROTATION
 STARSPOTS
 SUNSPOTS

TWILIGHT GLOW
 GS ATMOSPHERIC RADIATION
 . SKY RADIATION
 . . AIRGLOW
 . . . **TWILIGHT GLOW**
 ELECTROMAGNETIC RADIATION
 . LIGHT (VISIBLE RADIATION)
 . . SKY RADIATION
 . . . AIRGLOW
 **TWILIGHT GLOW**
 RT DAYGLOW
 NIGHT
 NIGHT SKY

TWINNING
 GS **TWINNING**
 . MECHANICAL TWINNING
 RT CRYSTAL DEFECTS
 CRYSTAL GROWTH
 CRYSTAL STRUCTURE
 GRAIN BOUNDARIES
 STACKING FAULT ENERGY

TWISTED WINGS
 GS AIRFOILS
 . WINGS
 . . **TWISTED WINGS**
 RT CAMBERED WINGS
 FIXED WINGS
 FLEXIBLE WINGS
 RING WINGS
 UNCAMBERED WINGS

TWISTING
 UF PRETWISTING
 RT BENDING
 BUCKLING
 DEFORMATION
 DISTORTION
 STRUCTURAL STRAIN
 TORQUE
 TORSION
 TORSIONAL VIBRATION
 WARPAGE
 WINDING

TWITCHING
 RT INVOLUNTARY ACTIONS
 MUSCLES
 MUSCULAR FUNCTION

TWO BODY ORBITS
 USE TWO BODY PROBLEM

TWO STAGE PLASMA ENGINES

TWO BODY PROBLEM
 UF TWO BODY ORBITS
 RT BINARY STARS
 CELESTIAL MECHANICS
 EARTH-MOON SYSTEM
 HYLLERAAS COORDINATES
 MANY BODY PROBLEM
 ORBITAL MECHANICS
 ORBITS
 PERTURBATION
 ∞ PROBLEMS
 ROCHE LIMIT
 THREE BODY PROBLEM

TWO DIMENSIONAL BODIES
 RT ∞ BODIES
 ∞ CROSS SECTIONS
 DUCTED BODIES
 MATHEMATICAL MODELS
 ∞ SURFACES

TWO DIMENSIONAL BOUNDARY LAYER
 GS BOUNDARY LAYERS
 . **TWO DIMENSIONAL BOUNDARY LAYER**
 RT LAMINAR BOUNDARY LAYER
 SUPERSONIC BOUNDARY LAYERS
 TURBULENT BOUNDARY LAYER

TWO DIMENSIONAL FLOW
 GS FLUID FLOW
 . **TWO DIMENSIONAL FLOW**
 . . COUETTE FLOW
 RT AXIAL FLOW
 BLASIU FLOW
 CAPILLARY WAVES
 COAXIAL FLOW
 FLOW GEOMETRY
 HARTMANN FLOW
 ONE DIMENSIONAL FLOW
 PRANDTL-MEYER EXPANSION
 RADIAL FLOW
 RAYLEIGH WAVES
 STEADY FLOW
 STREAM FUNCTIONS (FLUIDS)
 TAYLOR INSTABILITY
 THREE DIMENSIONAL FLOW
 WALL FLOW
 WEDGE FLOW

TWO DIMENSIONAL JETS
 RT JET FLOW
 JET MIXING FLOW
 ∞ JETS
 WALL FLOW

TWO FLUID MODELS
 RT BOLTZMANN DISTRIBUTION
 LIQUID HELIUM
 MAGNETOHYDRODYNAMIC FLOW
 ROTATING PLASMAS
 SHOCK WAVE PROPAGATION
 SUPERFLUIDITY

TWO PHASE FLOW
 GS FLUID FLOW
 . MULTIPHASE FLOW
 . . **TWO PHASE FLOW**
 RT GAS FLOW
 LAMINAR FLOW
 LIQUID FLOW
 ∞ PRESSURE DROP
 SINGLE-PHASE FLOW
 SOLIDS FLOW
 TURBULENT FLOW

TWO PHASE SYSTEMS
 USE BINARY SYSTEMS (MATERIALS)

TWO REFLECTOR ANTENNAS
 GS ANTENNAS
 . DIRECTIONAL ANTENNAS
 . . **TWO REFLECTOR ANTENNAS**
 RT CASSEGRAIN ANTENNAS
 RADIO ANTENNAS
 REFLECTOMETERS
 REFLECTORS

TWO STAGE PLASMA ENGINES
 GS PLASMA POWER SOURCES
 . PLASMA ENGINES
 . . **TWO STAGE PLASMA ENGINES**
 RT ELECTRIC PROPULSION

TWO STAGE TURBINES

TWO STAGE TURBINES

GS TURBOMACHINERY
 . TURBINES
 . . . TWO STAGE TURBINES
 RT GAS TURBINE ENGINES
 GAS TURBINES
 STEAM TURBINES

TWO-WAVELENGTH LASERS

GS STIMULATED EMISSION DEVICES
 . LASERS
 . . . TWO-WAVELENGTH LASERS
 RT COHERENT LIGHT
 DYE LASERS
 LASER OUTPUTS
 MASERS
 MOLECULAR OSCILLATORS
 QUANTUM AMPLIFIERS
 STIMULATED EMISSION

TX-33-39 ENGINE

USE XM-33 ENGINE

TX-77 ENGINE

GS ENGINES
 . ROCKET ENGINES
 . . SOLID PROPELLANT ROCKET
 ENGINES
 . . . TX-77 ENGINE
 RT LANCE MISSILE

TX-135 ENGINE

GS ENGINES
 . ROCKET ENGINES
 . . BOOSTER ROCKET ENGINES
 . . . TX-135 ENGINE
 . . SOLID PROPELLANT ROCKET
 ENGINES
 . . . TX-135 ENGINE
 RT NIKE-ZEUS MISSILE

TX-354 ENGINE

UF CASTOR 2 ENGINE
 GS ENGINES
 . ROCKET ENGINES
 . . SOLID PROPELLANT ROCKET
 ENGINES
 . . . TX-354 ENGINE
 RT BOOSTER ROCKET ENGINES
 JOURNEYMAN ROCKET VEHICLE
 LITTLE JOE 2 LAUNCH VEHICLE
 RAM B LAUNCH VEHICLE
 SCOUT LAUNCH VEHICLE
 SUSTAINER ROCKET ENGINES
 TRAILBLAZER 2 REENTRY VEHICLE
 XM-33 ENGINE

TYCHO CRATER

GS CRATERS
 . LUNAR CRATERS
 . . TYCHO CRATER
 RT METEORITE CRATERS

TYPE 2 BURSTS

GS BURSTS
 . RADIO BURSTS
 . . SOLAR RADIO BURSTS
 . . . TYPE 2 BURSTS
 DECAY
 . EMISSION
 . . RADIO EMISSION
 . . . SOLAR RADIO EMISSION
 . . . SOLAR RADIO BURSTS
 TYPE 2 BURSTS
 ELECTROMAGNETIC RADIATION
 . RADIO WAVES
 . . EXTRATERRESTRIAL RADIO WAVES
 . . . RADIO BURSTS
 SOLAR RADIO BURSTS
 TYPE 2 BURSTS
 SOLAR RADIO EMISSION
 SOLAR RADIO BURSTS
 TYPE 2 BURSTS
 RADIO EMISSION
 RADIO BURSTS
 SOLAR RADIO BURSTS
 TYPE 2 BURSTS
 SOLAR RADIO EMISSION
 SOLAR RADIO BURSTS
 TYPE 2 BURSTS
 SOLAR RADIO EMISSION
 SOLAR RADIO BURSTS
 TYPE 2 BURSTS
 EXTRATERRESTRIAL RADIATION
 . EXTRATERRESTRIAL RADIO WAVES
 . . RADIO BURSTS
 . . . SOLAR RADIO BURSTS
 TYPE 2 BURSTS

TYPE 2 BURSTS-(CONT.)

. . . SOLAR RADIO EMISSION
 SOLAR RADIO BURSTS
 TYPE 2 BURSTS
 . . . SOLAR RADIATION
 SOLAR RADIO EMISSION
 SOLAR RADIO BURSTS
 TYPE 2 BURSTS

TYPE 3 BURSTS

GS BURSTS
 . RADIO BURSTS
 . . SOLAR RADIO BURSTS
 . . . TYPE 3 BURSTS
 DECAY
 . EMISSION
 . . RADIO EMISSION
 . . . SOLAR RADIO EMISSION
 SOLAR RADIO BURSTS
 TYPE 3 BURSTS
 ELECTROMAGNETIC RADIATION
 . RADIO WAVES
 . . EXTRATERRESTRIAL RADIO WAVES
 . . . RADIO BURSTS
 SOLAR RADIO BURSTS
 TYPE 3 BURSTS
 SOLAR RADIO EMISSION
 SOLAR RADIO BURSTS
 TYPE 3 BURSTS
 RADIO EMISSION
 RADIO BURSTS
 SOLAR RADIO BURSTS
 TYPE 3 BURSTS
 SOLAR RADIO EMISSION
 SOLAR RADIO BURSTS
 TYPE 3 BURSTS
 EXTRATERRESTRIAL RADIATION
 . EXTRATERRESTRIAL RADIO WAVES
 . . RADIO BURSTS
 . . . SOLAR RADIO BURSTS
 TYPE 3 BURSTS
 SOLAR RADIO EMISSION
 SOLAR RADIO BURSTS
 TYPE 3 BURSTS
 SOLAR RADIATION
 SOLAR RADIO EMISSION
 SOLAR RADIO BURSTS
 TYPE 3 BURSTS

TYPE 4 BURSTS

GS BURSTS
 . RADIO BURSTS
 . . SOLAR RADIO BURSTS
 . . . TYPE 4 BURSTS
 DECAY
 . EMISSION
 . . RADIO EMISSION
 . . . SOLAR RADIO EMISSION
 SOLAR RADIO BURSTS
 TYPE 4 BURSTS
 ELECTROMAGNETIC RADIATION
 . RADIO WAVES
 . . EXTRATERRESTRIAL RADIO WAVES
 . . . RADIO BURSTS
 SOLAR RADIO BURSTS
 TYPE 4 BURSTS
 SOLAR RADIO EMISSION
 SOLAR RADIO BURSTS
 TYPE 4 BURSTS
 RADIO EMISSION
 RADIO BURSTS
 SOLAR RADIO BURSTS
 TYPE 4 BURSTS
 SOLAR RADIO EMISSION
 SOLAR RADIO BURSTS
 TYPE 4 BURSTS
 SOLAR RADIATION
 SOLAR RADIO EMISSION
 SOLAR RADIO BURSTS
 TYPE 4 BURSTS

TYPE 5 BURSTS

GS BURSTS
 . RADIO BURSTS
 . . SOLAR RADIO BURSTS
 . . . TYPE 5 BURSTS
 DECAY

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TYPE 5 BURSTS-(CONT.)

. EMISSION
 . . RADIO EMISSION
 . . . SOLAR RADIO EMISSION
 SOLAR RADIO BURSTS
 TYPE 5 BURSTS
 ELECTROMAGNETIC RADIATION
 . RADIO WAVES
 . . EXTRATERRESTRIAL RADIO WAVES
 . . . RADIO BURSTS
 SOLAR RADIO BURSTS
 TYPE 5 BURSTS
 SOLAR RADIO EMISSION
 SOLAR RADIO BURSTS
 TYPE 5 BURSTS
 RADIO EMISSION
 RADIO BURSTS
 SOLAR RADIO BURSTS
 TYPE 5 BURSTS
 SOLAR RADIO EMISSION
 SOLAR RADIO BURSTS
 TYPE 5 BURSTS
 EXTRATERRESTRIAL RADIATION
 . EXTRATERRESTRIAL RADIO WAVES
 . . RADIO BURSTS
 . . . SOLAR RADIO BURSTS
 TYPE 5 BURSTS
 SOLAR RADIO EMISSION
 SOLAR RADIO BURSTS
 TYPE 5 BURSTS
 SOLAR RADIATION
 SOLAR RADIO EMISSION
 SOLAR RADIO BURSTS
 TYPE 5 BURSTS

TYPEWRITERS

GS TYPEWRITERS
 . AUTOMATIC TYPEWRITERS
 . TELETYPEWRITERS
 . TELEPRINTERS
 RT PRINTERS

TYPHOID

GS DISEASES
 . INFECTIOUS DISEASES
 . . TYPHOID

TYPHON WEAPON SYSTEM

GS WEAPON SYSTEMS
 . TYPHON WEAPON SYSTEM
 RT BUMBLEBEE PROJECT

TYPHOONS

GS STORMS
 . CYCLONES
 . . TYPHOONS
 . . STORMS (METEOROLOGY)
 . . TROPICAL STORMS
 . . . TYPHOONS
 RT ATMOSPHERIC CIRCULATION
 HURRICANES
 MARINE METEOROLOGY
 METEOROLOGY
 STORM DAMAGE
 TORNADOES

TYPHUS

GS DISEASES
 . INFECTIOUS DISEASES
 . . TYPHUS

T2J AIRCRAFT

USE T-2 AIRCRAFT

T3J AIRCRAFT

USE T-39 AIRCRAFT

U

U BENDS

GS PIPES (TUBES)
 . U BENDS
 RT FITTINGS

U SPIN SPACE

GS ALGEBRA
 . VECTOR SPACES
 . . U SPIN SPACE
 RT MATRICES (MATHEMATICS)
 QUANTUM MECHANICS

NASA THESAURUS (VOLUME 1)

ULTRAHIGH FREQUENCIES

U TUBES

USE MANOMETERS

U.S.S.R.

UF SOVIET UNION
RT ASIA
BARENTS SEA
BLACK SEA
CAUCASUS MOUNTAINS (U.S.S.R.)
EUROPE
MOSCOW
NATIONS
SEA OF OKHOTSK
SIBERIA

U.S.S.R. SPACE PROGRAM

GS PROGRAMS
. SPACE PROGRAMS
. . U.S.S.R. SPACE PROGRAM
RT APOLLO SOYUZ TEST PROJECT
EUROPEAN SPACE PROGRAMS
INTERNATIONAL COOPERATION
INTERNATIONAL RELATIONS
INTERNATIONAL SATELLITE GEODESY
EXPERIMENT
LUNAR RETROREFLECTORS
LUNIK LUNAR PROBES
LUNIK 19 LUNAR PROBE
LUNIK 22 LUNAR PROBE
LUNOKHOD LUNAR ROVING VEHICLES
MARS 2 SPACECRAFT
MARS 3 SPACECRAFT
MARS 4 SPACECRAFT
MARS 5 SPACECRAFT
MARS 6 SPACECRAFT
MOLNIYA SATELLITES
PROTON SATELLITES
SALYUT SPACE STATION
SOYUZ SPACECRAFT
VENERA SATELLITES
VENERA 8 SATELLITE
VENERA 10 SATELLITE
VENERA 11 SATELLITE
VENERA 12 SATELLITE

U-2 AIRCRAFT

UF LOCKHEED U-2 AIRCRAFT
WU-2 AIRCRAFT
GS JET AIRCRAFT
. U-2 AIRCRAFT
LOCKHEED AIRCRAFT
. U-2 AIRCRAFT
MONOPLANES
. U-2 AIRCRAFT
OBSERVATION AIRCRAFT
. U-2 AIRCRAFT
RECONNAISSANCE AIRCRAFT
. U-2 AIRCRAFT
RESEARCH AIRCRAFT
. U-2 AIRCRAFT
UTILITY AIRCRAFT
. U-2 AIRCRAFT

U-3 AIRCRAFT

UF L-27 AIRCRAFT
GS CESSNA AIRCRAFT
. U-3 AIRCRAFT
LIGHT AIRCRAFT
. U-3 AIRCRAFT
MONOPLANES
. U-3 AIRCRAFT
PASSENGER AIRCRAFT
. U-3 AIRCRAFT
TRANSPORT AIRCRAFT
. U-3 AIRCRAFT
UTILITY AIRCRAFT
. U-3 AIRCRAFT
RT CARGO AIRCRAFT

U-10 AIRCRAFT

UF COURIER AIRCRAFT
L-28 AIRCRAFT
GS HELIO AIRCRAFT
. U-10 AIRCRAFT
LIGHT AIRCRAFT
. U-10 AIRCRAFT
MONOPLANES
. U-10 AIRCRAFT
PASSENGER AIRCRAFT
. U-10 AIRCRAFT
UTILITY AIRCRAFT
. U-10 AIRCRAFT
V/STOL AIRCRAFT
. SHORT TAKEOFF AIRCRAFT
. . U-10 AIRCRAFT

UBV SPECTRA

GS SPECTRA
. RADIATION SPECTRA
. . ELECTROMAGNETIC SPECTRA
. . . UBV SPECTRA

UDIMET ALLOYS

GS ALLOYS
. HEAT RESISTANT ALLOYS
. . UDIMET ALLOYS
. . NICKEL ALLOYS
. . UDIMET ALLOYS

UFO

USE UNIDENTIFIED FLYING OBJECTS

UGANDA

RT AFRICA
NATIONS

UH-1 HELICOPTER

UF HU-1 HELICOPTER
IROQUOIS HELICOPTER
RH-2 HELICOPTER
YHU-1 HELICOPTER
YUH-1 HELICOPTER
GS BELL AIRCRAFT
. UH-1 HELICOPTER
UTILITY AIRCRAFT
. UH-1 HELICOPTER
V/STOL AIRCRAFT
. ROTARY WING AIRCRAFT
. . HELICOPTERS
. . . MILITARY HELICOPTERS
. . . . UH-1 HELICOPTER
RT UH-60A HELICOPTER
UH-61A HELICOPTER

UH-2 HELICOPTER

UF HU2K-1 HELICOPTER
KAMAN UH-2A HELICOPTER
SEASPRITE HELICOPTER
GS KAMAN AIRCRAFT
. UH-2 HELICOPTER
UTILITY AIRCRAFT
. UH-2 HELICOPTER
V/STOL AIRCRAFT
. ROTARY WING AIRCRAFT
. . HELICOPTERS
. . . MILITARY HELICOPTERS
. . . . UH-2 HELICOPTER

UH-12 HELICOPTER

USE OH-23 HELICOPTER

UH-13 HELICOPTER

USE OH-13 HELICOPTER

UH-34 HELICOPTER

UF HUS-1 HELICOPTER
SEAHORSE HELICOPTER
SIKORSKY AIRCRAFT
GS . UH-34 HELICOPTER
TRANSPORT AIRCRAFT
. UH-34 HELICOPTER
UTILITY AIRCRAFT
. UH-34 HELICOPTER
V/STOL AIRCRAFT
. ROTARY WING AIRCRAFT
. . HELICOPTERS
. . . MILITARY HELICOPTERS
. . . . UH-34 HELICOPTER
RT S-58 HELICOPTER

UH-60A HELICOPTER

UF YUH-60A HELICOPTER
SIKORSKY AIRCRAFT
GS . UH-60A HELICOPTER
TRANSPORT AIRCRAFT
. UH-60A HELICOPTER
UTILITY AIRCRAFT
. UH-60A HELICOPTER
V/STOL AIRCRAFT
. ROTARY WING AIRCRAFT
. . HELICOPTERS
. . . MILITARY HELICOPTERS
. . . . UH-60A HELICOPTER
RT HELICOPTER DESIGN
UH-1 HELICOPTER

UH-61A HELICOPTER

UF YUH-61A HELICOPTER
SIKORSKY AIRCRAFT
GS . UH-61A HELICOPTER

UH-61A HELICOPTER-(CONT.)

TRANSPORT AIRCRAFT
. UH-61A HELICOPTER
UTILITY AIRCRAFT
. UH-61A HELICOPTER
V/STOL AIRCRAFT
. ROTARY WING AIRCRAFT
. . HELICOPTERS
. . . MILITARY HELICOPTERS
. . . . UH-61A HELICOPTER
RT HELICOPTER DESIGN
UH-1 HELICOPTER

UMTREX (NUCLEAR REACTORS)

USE HIGH TEMPERATURE NUCLEAR REACTORS

UHURU SATELLITE

GS SATELLITES
. ARTIFICIAL SATELLITES
. . UHURU SATELLITE
EARTH SATELLITES
. . UHURU SATELLITE
RT EXTARS
GALACTIC RADIATION
NASA PROGRAMS
SAS
SATELLITE OBSERVATION
X RAY ASTRONOMY

UK SATELLITES

UF UNITED KINGDOM SATELLITES
GS SATELLITES
. ARTIFICIAL SATELLITES
. . UK SATELLITES
. . . ARIEL 4 SATELLITE
. . . ARIEL 5 SATELLITE
. . . MIRANDA SATELLITE
. . . SCIENTIFIC SATELLITES
. . . UK SATELLITES
. . . . UK 4 SATELLITE
RT SKYNET SATELLITES

UK 4 SATELLITE

GS SATELLITES
. SCIENTIFIC SATELLITES
. . UK SATELLITES
. . . UK 4 SATELLITE

ULCERS

GS DISEASES
. ULCERS
RT CANCER

ULLAGE

RT FUEL TANK PRESSURIZATION
FUEL TANKS
INTERFACE STABILITY
LIQUID SLOSHING
PROPELLANT TANKS
SPLASHING
TANK GEOMETRY
ULLAGE ROCKET ENGINES

ULLAGE ROCKET ENGINES

GS ENGINES
. ROCKET ENGINES
. . ULLAGE ROCKET ENGINES
. . . TORPEDO ENGINES
. . . ULLAGE ROCKET ENGINES
RT SOLID PROPELLANT ROCKET ENGINES
ULLAGE

ULM (LIGHT MODULATION)

USE ULTRASONIC LIGHT MODULATION

ULNA

GS ANATOMY
. MUSCULOSKELETAL SYSTEM
. . BONES
. . . ULNA
RT ARM (ANATOMY)
ELBOW (ANATOMY)

ULTRA SHORT WAVE RADIO EQUIPMENT

USE VERY HIGH FREQUENCY RADIO EQUIPMENT

ULTRAHIGH FREQUENCIES

UF L BAND
S BAND
GS FREQUENCIES
. RADIO FREQUENCIES
. . ULTRAHIGH FREQUENCIES

ULTRAHIGH VACUUM

ULTRAHIGH FREQUENCIES-(CONT.)

RT . . . P BAND
DECIMETER WAVES
EISCAT RADAR SYSTEM (EUROPE)
FLEET SATELLITE COMMUNICATION
SYSTEM
LOW FREQUENCY BANDS
PASSIVE L-BAND RADIOMETERS
PRAETERSONIC DEVICES
UNIFIED S BAND
VERY HIGH FREQUENCY RADIO
EQUIPMENT

ULTRAHIGH VACUUM

GS PRESSURE
. VACUUM
. . ULTRAHIGH VACUUM
RT HIGH VACUUM
LOW DENSITY RESEARCH
RESIDUAL GAS
. VACUUM APPARATUS
VACUUM TESTS

ULTRALOW FREQUENCIES

USE EXTREMELY LOW RADIO FREQUENCIES

ULTRALOW TEMPERATURES

GS TEMPERATURE
. LOW TEMPERATURE
. . ULTRALOW TEMPERATURES
RT ABSOLUTE ZERO
COLD TRAPS
CRITICAL TEMPERATURE
CRYOGENIC FLUIDS
CRYOGENICS
CURIE TEMPERATURE
SOLIDIFIED GASES
SPACE TEMPERATURE

ULTRAPURE METALS

GS METALS
. ULTRAPURE METALS
RT CRYSTAL LATTICES
IMPURITIES
PURIFICATION
PURITY
SINGLE CRYSTALS
SPACE PROCESSING
VAPOR DEPOSITION
ZONE MELTING

ULTRASHORT PULSED LASERS

GS STIMULATED EMISSION DEVICES
. LASERS
. . PULSED LASERS
. . . ULTRASHORT PULSED LASERS
RT GLASS LASERS
LASER APPLICATIONS
LIGHT AMPLIFIERS
PULSE DURATION
QUANTUM AMPLIFIERS
STIMULATED EMISSION

ULTRASONIC AGITATION

GS AGITATION
. ULTRASONIC AGITATION
RT ULTRASONICS

ULTRASONIC CLEANING

GS CLEANING
. ULTRASONIC CLEANING
RT ACOUSTICS
CAVITATION FLOW
CLEANERS
ETCHING
FLUID FLOW
GRINDING MACHINES
MACHINE TOOLS
PIEZOELECTRIC TRANSDUCERS
POLISHING
TOOLS
TRANSDUCERS
ULTRASONICS

ULTRASONIC DENSIMETERS

GS MEASURING INSTRUMENTS
. DENSIMETERS
. . ULTRASONIC DENSIMETERS
RT DENSITY (MASS/VOLUME)
DENSITY MEASUREMENT
∞ INSTRUMENTS
∞ MEASUREMENT

ULTRASONIC FLAW DETECTION

GS DETECTION
. ULTRASONIC FLAW DETECTION
RT ∞ DETECTORS
EXAMINATION
IDENTIFYING
INSPECTION
NONDESTRUCTIVE TESTS
QUALITY CONTROL
ULTRASONIC SCANNERS

ULTRASONIC GRINDING MACHINES

USE ULTRASONIC MACHINING

ULTRASONIC LIGHT MODULATION

UF ULM (LIGHT MODULATION)
GS MODULATION
. LIGHT MODULATION
. . ULTRASONIC LIGHT MODULATION
RT ULTRASONICS

ULTRASONIC MACHINING

UF ULTRASONIC GRINDING MACHINES
GS MACHINING
. ULTRASONIC MACHINING
RT ULTRASONICS

ULTRASONIC RADIATION

UF ULTRASONIC WAVES
GS ELASTIC WAVES
. ULTRASONIC RADIATION
RT COHERENT ACOUSTIC RADIATION
MAGNETOELASTIC WAVES
SOUND WAVES
ULTRASONICS
UNDERWATER ACOUSTICS

ULTRASONIC SCANNERS

GS SCANNERS
. ULTRASONIC SCANNERS
RT ACOUSTICS
IMAGING TECHNIQUES
MEASURING INSTRUMENTS
SCANNING
ULTRASONIC FLAW DETECTION
ULTRASONICS

ULTRASONIC SOLDERING

UF SONIC SOLDERING
GS SOLDERING
. ULTRASONIC SOLDERING
RT ∞ JOINING
ULTRASONICS

ULTRASONIC SPECTROSCOPY

GS SPECTROSCOPY
. ULTRASONIC SPECTROSCOPY
RT CRACKS
NONDESTRUCTIVE TESTS
SPECTRUM ANALYSIS

ULTRASONIC TESTS

RT ACOUSTIC MEASUREMENT
ACOUSTIC SOUNDING
DYNAMIC MODULUS OF ELASTICITY
LAMB WAVES
∞ MATERIALS TESTS
NONDESTRUCTIVE TESTS
∞ TESTS
ULTRASONICS

ULTRASONIC WAVE TRANSDUCERS

GS TRANSDUCERS
. ULTRASONIC WAVE TRANSDUCERS
RT ELECTRONIC TRANSDUCERS
MICROPHONES
PRESSURE SENSORS
SONAR
SURFACE ACOUSTIC WAVE DEVICES
ULTRASONICS
UNDERWATER ACOUSTICS

ULTRASONIC WAVES

USE ULTRASONIC RADIATION

ULTRASONIC WELDING

GS WELDING
. PRESSURE WELDING
. . ULTRASONIC WELDING
RT SPOT WELDS
ULTRASONICS

ULTRASONICS

RT ACOUSTICS

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ULTRASONICS-(CONT.)

ULTRASONIC AGITATION
ULTRASONIC CLEANING
ULTRASONIC LIGHT MODULATION
ULTRASONIC MACHINING
ULTRASONIC RADIATION
ULTRASONIC SCANNERS
ULTRASONIC SOLDERING
ULTRASONIC TESTS
ULTRASONIC WAVE TRANSDUCERS
ULTRASONIC WELDING

ULTRAVIOLET ABSORPTION

GS ENERGY ABSORPTION
. ELECTROMAGNETIC ABSORPTION
. . ULTRAVIOLET ABSORPTION
RADIATION ABSORPTION
. ELECTROMAGNETIC ABSORPTION
. . ULTRAVIOLET ABSORPTION
RT ∞ ABSORPTION

ULTRAVIOLET ASTRONOMY

GS ASTRONOMY
. ULTRAVIOLET ASTRONOMY
RT ELECTROMAGNETIC RADIATION
EXTREME ULTRAVIOLET EXPLORER
SATELLITE
LYMAN ALPHA RADIATION
LYMAN BETA RADIATION
STARSAT TELESCOPE
TELESCOPES
ULTRAVIOLET TELESCOPES

ULTRAVIOLET FILTERS

GS ELECTROMAGNETIC WAVE FILTERS
. OPTICAL FILTERS
. . ULTRAVIOLET FILTERS
RT BANDPASS FILTERS
ELECTRIC FILTERS
INFRARED FILTERS

ULTRAVIOLET LASERS

UF UV LASERS
GS STIMULATED EMISSION DEVICES
. LASERS
. . GAS LASERS
. . . ULTRAVIOLET LASERS
. . . PULSED LASERS
. . . ULTRAVIOLET LASERS
RT COHERENT LIGHT
LASER OUTPUTS
LIGHT AMPLIFIERS
LIGHT TRANSMISSION
MASERS
MOLECULAR OSCILLATORS
NITROGEN LASERS
QUANTUM AMPLIFIERS
STIMULATED EMISSION

ULTRAVIOLET LIGHT

USE ULTRAVIOLET RADIATION

ULTRAVIOLET MICROSCOPY

GS MICROSCOPY
. ULTRAVIOLET MICROSCOPY
RT MICROSCOPES

ULTRAVIOLET PHOTOGRAPHY

GS PHOTOGRAPHY
. ULTRAVIOLET PHOTOGRAPHY
RT AERIAL PHOTOGRAPHY
CAMERAS
COLOR PHOTOGRAPHY
FAINT OBJECT CAMERA
INFRARED PHOTOGRAPHY
RADAR PHOTOGRAPHY

ULTRAVIOLET PHOTOMETRY

GS IMAGERY
. ULTRAVIOLET PHOTOMETRY
OPTICAL MEASUREMENT
. PHOTOMETRY
. . ULTRAVIOLET PHOTOMETRY
PHOTOGRAPHY
. ULTRAVIOLET PHOTOMETRY
RT BLACK AND WHITE PHOTOGRAPHY

ULTRAVIOLET RADIATION

UF ULTRAVIOLET LIGHT
GS ELECTROMAGNETIC RADIATION
. ULTRAVIOLET RADIATION
. . EXTREME ULTRAVIOLET RADIATION
. . FAR ULTRAVIOLET RADIATION
. . . LYMAN ALPHA RADIATION

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ULTRAVIOLET RADIATION-(CONT.)

- ... LYMAN BETA RADIATION
- ... NEAR ULTRAVIOLET RADIATION
- IONIZING RADIATION
- ... **ULTRAVIOLET RADIATION**
- ... EXTREME ULTRAVIOLET RADIATION
- ... FAR ULTRAVIOLET RADIATION
- ... LYMAN ALPHA RADIATION
- ... LYMAN BETA RADIATION
- ... NEAR ULTRAVIOLET RADIATION
- RT BEAMS (RADIATION)
- BLACK BODY RADIATION
- CERENKOV RADIATION
- COHERENT ELECTROMAGNETIC RADIATION
- CORONAL HOLES
- DAYGLOW
- IUE
- MICROCHANNELS
- MONOCHROMATIC RADIATION
- POLARIZED ELECTROMAGNETIC RADIATION
- SEYFERT GALAXIES
- SOLAR RADIATION
- STERILIZATION
- SUNLIGHT
- THERMAL RADIATION
- UMKEHR EFFECT

ULTRAVIOLET REFLECTION

- GS REFLECTION
- ... **ULTRAVIOLET REFLECTION**
- RT INFRARED REFLECTION
- RADIO ECHOES
- REFLECTOMETERS
- SPREAD REFLECTION

ULTRAVIOLET SPECTRA

- GS SPECTRA
- ... RADIATION SPECTRA
- ... ELECTROMAGNETIC SPECTRA
- ... **ULTRAVIOLET SPECTRA**
- RT ABSORPTION SPECTRA
- EMISSION SPECTRA
- HERZBERG BANDS
- LIGHT (VISIBLE RADIATION)
- LINE SPECTRA
- LYMAN SPECTRA
- MOLECULAR SPECTRA
- RADIO SPECTROSCOPY
- SOLAR SPECTRA
- STELLAR SPECTRA

ULTRAVIOLET SPECTROGRAPHS

- USE ULTRAVIOLET SPECTROMETERS

ULTRAVIOLET SPECTROMETERS

- UF ULTRAVIOLET SPECTROGRAPHS
- GS MEASURING INSTRUMENTS
- ... OPTICAL MEASURING INSTRUMENTS
- ... PHOTOMETERS
- ... **ULTRAVIOLET SPECTROMETERS**
- ... RADIATION MEASURING INSTRUMENTS
- ... ACTINOMETERS
- ... **ULTRAVIOLET SPECTROMETERS**
- ... PHOTOMETERS
- ... **ULTRAVIOLET SPECTROMETERS**
- ... SPECTROMETERS
- ... **ULTRAVIOLET SPECTROMETERS**
- ... HIGH DISPERSION SPECTROGRAPHS
- OPTICAL EQUIPMENT
- ... OPTICAL MEASURING INSTRUMENTS
- ... PHOTOMETERS
- ... **ULTRAVIOLET SPECTROMETERS**
- RT EBERT SPECTROMETERS
- SOLAR MAXIMUM MISSION
- SOLAR SPECTROMETERS

ULTRAVIOLET SPECTROPHOTOMETERS

- GS MEASURING INSTRUMENTS
- ... OPTICAL MEASURING INSTRUMENTS
- ... PHOTOMETERS
- ... **ULTRAVIOLET SPECTROPHOTOMETERS**
- ... SPECTROPHOTOMETERS
- ... **ULTRAVIOLET SPECTROPHOTOMETERS**
- ... RADIATION MEASURING INSTRUMENTS
- ... ACTINOMETERS
- ... SPECTROPHOTOMETERS
- ... **ULTRAVIOLET SPECTROPHOTOMETERS**
- ... PHOTOMETERS

ULTRAVIOLET SPECTROPHOTOMETERS-(CONT.)

- ... **ULTRAVIOLET SPECTROPHOTOMETERS**
- OPTICAL EQUIPMENT
- ... OPTICAL MEASURING INSTRUMENTS
- ... PHOTOMETERS
- ... **ULTRAVIOLET SPECTROPHOTOMETERS**
- ... SPECTROPHOTOMETERS
- ... **ULTRAVIOLET SPECTROPHOTOMETERS**
- ... SPECTROSCOPY
- RT **ULTRAVIOLET SPECTROSCOPY**
- ABSORPTION SPECTROSCOPY
- ASTRONOMICAL SPECTROSCOPY
- MOLECULAR SPECTROSCOPY
- OPTOGALVANIC SPECTROSCOPY
- RADIO SPECTROSCOPY
- SPECTROSCOPIC ANALYSIS
- SPECTRUM ANALYSIS
- VACUUM SPECTROSCOPY
- X RAY SPECTROSCOPY

ULTRAVIOLET TELESCOPES

- GS TELESCOPES
- ... ASTRONOMICAL TELESCOPES
- ... **ULTRAVIOLET TELESCOPES**
- RT FAR ULTRAVIOLET RADIATION
- SPACEBORNE ASTRONOMY
- ULTRAVIOLET ASTRONOMY
- X RAY ASTRONOMY

UMBILICAL CONNECTORS

- GS CONNECTORS
- ... **UMBILICAL CONNECTORS**
- RT BUNDLES
- EXTRAVEHICULAR ACTIVITY
- TETHERLINES

UMBILICAL TOWERS

- GS TOWERS
- ... **UMBILICAL TOWERS**
- RT GANTRY CRANES
- LAUNCHING PADS

UMBRAS

- RT ECLIPSES
- PENUMBRAS
- SHADOWS

UMKEHR EFFECT

- RT LIGHT SCATTERING
- OZONOSPHERE
- SUNLIGHT
- ULTRAVIOLET RADIATION

UMKLAPP PROCESS

- RT ELECTRON SCATTERING
- PHONON BEAMS
- PHONONS
- PHOTON-ELECTRON INTERACTION
- ∞ PROCESSES

UNCAMBERED WINGS

- GS AIRFOILS
- ... WINGS
- ... **UNCAMBERED WINGS**
- ... RING WINGS
- RT CAMBERED WINGS
- FIXED WINGS
- THIN WINGS
- TWISTED WINGS

UNCONSCIOUSNESS

- GS **UNCONSCIOUSNESS**
- ... BLACKOUT (PHYSIOLOGY)
- ... BLACKOUT PREVENTION
- ... NARCOSIS
- RT ANESTHESIA
- ∞ COMA
- SYNCOPE

UNCONTROLLED REENTRY (SPACECRAFT)

- GS ATMOSPHERIC ENTRY
- ... REENTRY
- ... HYPERSONIC REENTRY
- ... **UNCONTROLLED REENTRY (SPACECRAFT)**
- ... SPACECRAFT REENTRY
- ... **UNCONTROLLED REENTRY (SPACECRAFT)**
- RT AERODYNAMIC HEATING

UNDERGROUND TRANSMISSION LINES

UNCONTROLLED REENTRY-(CONT.)

- DESCENT
- ∞ ENTRY
- FLIGHT PATHS
- PLASMA SHEATHS
- SPACECRAFT SURVIVABILITY

UNCOUPLED MODES

- GS MODES
- ... VIBRATION MODE
- ... **UNCOUPLED MODES**
- RT COUPLED MODES
- COUPLES
- MODES (STANDING WAVES)

UNDAMPED OSCILLATIONS

- GS OSCILLATIONS
- ... **UNDAMPED OSCILLATIONS**
- RT FLAPPING
- FLUTTER
- RESONANT VIBRATION
- STABLE OSCILLATIONS
- WING OSCILLATIONS

UNDER SURFACE BLOWING

- RT AERODYNAMIC CHARACTERISTICS
- AIRCRAFT CONFIGURATIONS
- CIRCULATION CONTROL AIRFOILS
- LIFT
- UPPER SURFACE BLOWING

UNDERCARRIAGES

- GS FRAMES
- ... **UNDERCARRIAGES**
- RT CARRIAGES
- CARTS
- CHASSIS
- DOLLIES
- LANDING GEAR
- SUBSTRUCTURES
- SUSPENSION SYSTEMS (VEHICLES)

UNDERGROUND ACOUSTICS

- RT ACOUSTIC SOUNDING
- EXPLORATION
- MINERALS
- STRATA

UNDERGROUND COMMUNICATION

- GS COMMUNICATING
- ... **UNDERGROUND COMMUNICATION**
- RT RADIO COMMUNICATION

UNDERGROUND EXPLOSIONS

- GS EXPLOSIONS
- ... **UNDERGROUND EXPLOSIONS**
- RT CHEMICAL EXPLOSIONS
- GAS EXPLOSIONS
- MINES (EXCAVATIONS)
- NUCLEAR EXPLOSIONS
- SEISMIC WAVES
- THERMONUCLEAR EXPLOSIONS

UNDERGROUND RADIO ANTENNA GRID (NAVY)

- USE SEAFARER PROJECT

UNDERGROUND STORAGE

- RT DECOMMISSIONING
- MINES (EXCAVATIONS)
- MISSILE STORAGE
- PROPELLANT STORAGE
- ∞ STORAGE
- STORAGE TANKS

UNDERGROUND STRUCTURES

- RT CAVES
- EXCAVATION
- FOUNDATIONS
- MINES (EXCAVATIONS)
- MINING
- PASSAGEWAYS
- TUNNELING (EXCAVATION)

UNDERGROUND TRANSMISSION LINES

- GS TRANSMISSION LINES
- ... **UNDERGROUND TRANSMISSION LINES**
- RT CIRCUITS
- ELECTRIC POWER TRANSMISSION
- ∞ LINES
- ∞ NETWORKS
- POWER LINES

UNDERWATER ACOUSTICS

UNDERWATER ACOUSTICS

UF HYDROACOUSTICS
GS UNDERWATER SOUND
ACOUSTICS
RT . UNDERWATER ACOUSTICS
ACOUSTIC SCATTERING
COHERENT ACOUSTIC RADIATION
DEEP SCATTERING LAYERS
ECHO SOUNDING
ELASTIC WAVES
LOFAR
NOISE (SOUND)
SHOCK WAVES
SONAR
SONOBUOYS
SOUND TRANSDUCERS
THERMOCLINES
ULTRASONIC RADIATION
ULTRASONIC WAVE TRANSDUCERS

UNDERWATER BREATHING APPARATUS

GS BREATHING APPARATUS
RT . UNDERWATER BREATHING APPARATUS
ARGON-OXYGEN ATMOSPHERES
BIOENGINEERING
HELIUM-OXYGEN ATMOSPHERES
LIFE SUPPORT SYSTEMS

UNDERWATER COMMUNICATION

GS TELECOMMUNICATION
COMMUNICATION
RT . UNDERWATER COMMUNICATION
SEAFARER PROJECT
SHOCK WAVES
SONAR
SONOBUOYS
SOUND TRANSDUCERS

UNDERWATER ENGINEERING

RT BREAKWATERS
ENGINEERING
SUBMERGED BODIES

UNDERWATER EXPLOSIONS

GS EXPLOSIONS
RT . UNDERWATER EXPLOSIONS
ANTISUBMARINE WARFARE
CHEMICAL EXPLOSIONS
HYDROBALLISTICS
NUCLEAR EXPLOSIONS
THERMONUCLEAR EXPLOSIONS

UNDERWATER OPTICS

RT DIFFRACTION PATTERNS
DIFFRACTION PROPAGATION
GEOMETRICAL OPTICS
OPACITY
OPTICAL DENSITY
OPTICAL PATHS
OPTICS
REFRACTIVITY

UNDERWATER PHOTOGRAPHY

GS PHOTOGRAPHY
RT . UNDERWATER PHOTOGRAPHY
CAMERAS
COLOR PHOTOGRAPHY
SEA WATER
SEAS
SUBMERGED BODIES

UNDERWATER PHYSIOLOGY

GS PHYSIOLOGY
RT . UNDERWATER PHYSIOLOGY
DIVING (UNDERWATER)
STRESS (PHYSIOLOGY)

UNDERWATER PROPULSION

GS PROPULSION
MARINE PROPULSION
RT . UNDERWATER PROPULSION
SUBMARINE PROPULSION
AEROQUATIC VEHICLES
CHEMICAL PROPULSION
ELECTRIC PROPULSION
NUCLEAR PROPULSION
PROPELLER DRIVE
TORPEDO ENGINES

UNDERWATER RESEARCH LABORATORIES

GS LABORATORIES
RT . UNDERWATER RESEARCH LABORATORIES

UNDERWATER RESEARCH-(CONT.)

RESEARCH VEHICLES
RT . UNDERWATER RESEARCH LABORATORIES
SUBMERGED BODIES
WATER VEHICLES
RT . UNDERWATER RESEARCH LABORATORIES
BATHYMETERS
OCEAN DATA ACQUISITIONS SYSTEMS
OCEANOGRAPHY

UNDERWATER RESOURCES

GS RESOURCES
EARTH RESOURCES
RT . UNDERWATER RESOURCES
CRUDE OIL
FOSSIL FUELS
GEOTHERMAL RESOURCES
MARINE RESOURCES
MINERAL DEPOSITS
OCEAN BOTTOM
OCEANOGRAPHY
OIL EXPLORATION
SEA WATER
WATER RESOURCES

UNDERWATER SOUND

USE UNDERWATER ACOUSTICS

UNDERWATER STRUCTURES

RT BREAKWATERS
STRUCTURAL DESIGN
SUBMERGED BODIES

UNDERWATER TESTS

GS ENVIRONMENTAL TESTS
RT . UNDERWATER TESTS
CORROSION TESTS
DIVING (UNDERWATER)
WATER IMMERSION

UNDERWATER TO SURFACE MISSILES

GS MISSILES
RT . UNDERWATER TO SURFACE MISSILES
SUBROC MISSILE

UNDERWATER TRAJECTORIES

GS TRAJECTORIES
RT . UNDERWATER TRAJECTORIES
ANTISUBMARINE WARFARE
HYDROBALLISTICS
MISSILE TRAJECTORIES
SUBROC MISSILE
TORPEDOES

UNDERWATER VEHICLES

GS WATER VEHICLES
RT . UNDERWATER VEHICLES
SUBMARINES
BALLISTIC MISSILE SUBMARINES
GUIDED MISSILE SUBMARINES
TRIDENT SUBMARINE
RT . UNDERWATER RESEARCH LABORATORIES
AEROQUATIC VEHICLES
BOATS
MILITARY VEHICLES
RESEARCH VEHICLES
SHIPS
SUBMERGED BODIES
SURFACE VEHICLES

UNIAXIAL STRAIN

USE AXIAL STRAIN

UNIDENTIFIED FLYING OBJECTS

UF UFO
RT AIRCRAFT
EXTRATERRESTRIAL INTELLIGENCE
SATELLITES
SPACECRAFT
VEHICLES

UNIFIED S BAND

RT APOLLO SPACECRAFT
CARRIER FREQUENCIES
CIRCUMLUNAR COMMUNICATION
COMMUNICATION EQUIPMENT
DIFFERENTIAL PULSE CODE
MODULATION

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UNIFIED S BAND-(CONT.)

MANNED SPACE FLIGHT NETWORK
PULSE CODE MODULATION
SPACECRAFT COMMUNICATION
SPACECRAFT TRACKING
SUPERHIGH FREQUENCIES
ULTRAHIGH FREQUENCIES

UNIFORM FLOW

GS FLUID FLOW
RT . UNIFORM FLOW
BLASIIUS FLOW
AERODYNAMICS
FLUID DYNAMICS
GAS FLOW
HEAT TRANSMISSION
LAMINAR FLOW
LIQUID FLOW
MASS FLOW
MULTIPHASE FLOW
NONUNIFORM FLOW
PIPE FLOW
PRESSURE GRADIENTS
QUASI-STEADY STATES
SINGLE-PHASE FLOW
SOLIDS FLOW
STEADY FLOW
STEAM FLOW
SUBCRITICAL FLOW
TURBULENT FLOW
UNSTEADY FLOW

UNIMOLECULAR STRUCTURES

RT MOLECULAR STRUCTURE
STRUCTURES

UNIONIZATION

RT FEDERATIONS
ORGANIZING
PERSONNEL
UNIONS

UNIONS

SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)*
RT BOOLEAN ALGEBRA
UNIONIZATION
UNIONS (CONNECTORS)

UNIONS (CONNECTORS)

GS CONNECTORS
RT . UNIONS (CONNECTORS)
COUPLINGS
FASTENERS
FITTINGS
JOINTS (JUNCTIONS)
LINKAGES
UNIONS

UNIPHASE FLOW

USE SINGLE-PHASE FLOW

UNIPOLAR TRANSISTORS

USE FIELD EFFECT TRANSISTORS

UNIQUENESS

RT ABNORMALITIES
SINGULARITY (MATHEMATICS)

UNIQUENESS THEOREM

GS THEOREMS
RT . UNIQUENESS THEOREM
ALGEBRA
COMPLEX VARIABLES
GEOMETRY
NUMBER THEORY
PROBABILITY THEORY
REAL VARIABLES

UNITED ARAB EMIRATES

RT NATIONS
PERSIAN GULF

UNITED KINGDOM

UF GREAT BRITAIN
GS UNITED KINGDOM
ENGLAND
SCOTLAND

UNITED KINGDOM-(CONT.)

RT ENGLISH CHANNEL
EUROPE
NATIONS

UNITED KINGDOM SATELLITES

USE UK SATELLITES

UNITED NATIONS

RT COMMUNITIES
DEVELOPING NATIONS
FEDERATIONS
INTERNATIONAL COOPERATION
INTERNATIONAL LAW
NATIONS
ORGANIZATIONS
POLITICS
SEA LAW
WORLD METEOROLOGICAL
ORGANIZATION

UNITED STATES OF AMERICA

UF USA (UNITED STATES)
GS UNITED STATES OF AMERICA
. ALABAMA
. ALASKA
. ARIZONA
. ARKANSAS
. CALIFORNIA
. COLORADO
. CONNECTICUT
. DELAWARE
. FLORIDA
. GEORGIA
. HAWAII
. IDAHO
. ILLINOIS
. INDIANA
. IOWA
. KANSAS
. KENTUCKY
. LOUISIANA
. MAINE
. MARYLAND
. MASSACHUSETTS
. MICHIGAN
. MINNESOTA
. MISSISSIPPI
. MISSOURI
. MONTANA
. NEBRASKA
. NEVADA
. NEW HAMPSHIRE
. NEW JERSEY
. NEW MEXICO
. NEW YORK
. NORTH CAROLINA
. NORTH DAKOTA
. OHIO
. OKLAHOMA
. OREGON
. PENNSYLVANIA
. RHODE ISLAND
. SOUTH CAROLINA
. SOUTH DAKOTA
. TENNESSEE
. TEXAS
. UTAH
. VERMONT
. VIRGINIA
. WASHINGTON
. WEST VIRGINIA
. WISCONSIN
. WYOMING
RT ALEUTIAN ISLANDS (US)
CASCADE RANGE (CA-OR-WA)
CENTRAL ATLANTIC REGION (US)
DISTRICT OF COLUMBIA
GREAT LAKES (NORTH AMERICA)
GREAT PLAINS CORRIDOR (NORTH AMERICA)
GUAM
INTERNATIONAL FIELD YEAR FOR
GREAT LAKES
INTERNATIONAL HYDROLOGICAL
DECADE
MISSOURI RIVER (US)
NATIONS
NEW ENGLAND (US)
NORTH AMERICA
PACIFIC NORTHWEST (US)
PANAMA CANAL ZONE

UNITED STATES OF AMERICA-(CONT.)

PUERTO RICO
ROCKY MOUNTAINS (NORTH AMERICA)
SOUTHERN CALIFORNIA
VIRGIN ISLANDS

UNITS OF MEASUREMENT

GS UNITS OF MEASUREMENT
. INTERNATIONAL SYSTEM OF UNITS
RT CONVERSION TABLES
DIMENSIONAL ANALYSIS
DIMENSIONS
MEASUREMENT
METRICATION
METROLOGY
MONTH
PARAMETERIZATION
SIDEREAL TIME
SYMBOLS
TIME

UNITY

RT HOMOGENEITY
STABILITY

UNIVAC COMPUTERS

GS DATA PROCESSING EQUIPMENT
. COMPUTERS
. UNIVAC COMPUTERS
. UNIVAC LARC COMPUTER
. UNIVAC 80 COMPUTER
. UNIVAC 418 COMPUTER
. UNIVAC 490 COMPUTER
. UNIVAC 494 COMPUTER
. UNIVAC 1005 COMPUTER
. UNIVAC 1100 SERIES COMPUTERS
. UNIVAC 1105 COMPUTER
. UNIVAC 1106 COMPUTER
. UNIVAC 1107 COMPUTER
. UNIVAC 1108 COMPUTER
. UNIVAC 1110 COMPUTER
. UNIVAC 1230 COMPUTER
. UNIVAC 1824 COMPUTER
RT DIGITAL COMPUTERS

UNIVAC LARC COMPUTER

GS DATA PROCESSING EQUIPMENT
. COMPUTERS
. DIGITAL COMPUTERS
. UNIVAC LARC COMPUTER
. UNIVAC COMPUTERS
. UNIVAC LARC COMPUTER

UNIVAC 80 COMPUTER

GS DATA PROCESSING EQUIPMENT
. COMPUTERS
. DIGITAL COMPUTERS
. UNIVAC 80 COMPUTER
. UNIVAC COMPUTERS
. UNIVAC 80 COMPUTER

UNIVAC 418 COMPUTER

GS DATA PROCESSING EQUIPMENT
. COMPUTERS
. DIGITAL COMPUTERS
. UNIVAC 418 COMPUTER
. UNIVAC COMPUTERS
. UNIVAC 418 COMPUTER

UNIVAC 490 COMPUTER

GS DATA PROCESSING EQUIPMENT
. COMPUTERS
. DIGITAL COMPUTERS
. UNIVAC 490 COMPUTER
. UNIVAC COMPUTERS
. UNIVAC 490 COMPUTER

UNIVAC 494 COMPUTER

GS DATA PROCESSING EQUIPMENT
. COMPUTERS
. DIGITAL COMPUTERS
. UNIVAC 494 COMPUTER
. UNIVAC COMPUTERS
. UNIVAC 494 COMPUTER

UNIVAC 1005 COMPUTER

GS DATA PROCESSING EQUIPMENT
. COMPUTERS
. DIGITAL COMPUTERS
. UNIVAC 1005 COMPUTER
. UNIVAC COMPUTERS
. UNIVAC 1005 COMPUTER

UNIVAC 1100 SERIES COMPUTERS

GS DATA PROCESSING EQUIPMENT
. COMPUTERS
. ANALOG COMPUTERS
. UNIVAC 1100 SERIES COMPUTERS
. DIGITAL COMPUTERS
. UNIVAC 1100 SERIES COMPUTERS
. UNIVAC 1105 COMPUTER
. UNIVAC 1106 COMPUTER
. UNIVAC 1107 COMPUTER
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. UNIVAC COMPUTERS
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. UNIVAC 1110 COMPUTER

UNIVAC 1105 COMPUTER

GS DATA PROCESSING EQUIPMENT
. COMPUTERS
. DIGITAL COMPUTERS
. UNIVAC 1100 SERIES COMPUTERS
. UNIVAC 1105 COMPUTER
. UNIVAC COMPUTERS
. UNIVAC 1100 SERIES COMPUTERS
. UNIVAC 1105 COMPUTER

UNIVAC 1106 COMPUTER

GS DATA PROCESSING EQUIPMENT
. COMPUTERS
. DIGITAL COMPUTERS
. UNIVAC 1100 SERIES COMPUTERS
. UNIVAC 1106 COMPUTER
. UNIVAC COMPUTERS
. UNIVAC 1100 SERIES COMPUTERS
. UNIVAC 1106 COMPUTER

UNIVAC 1107 COMPUTER

GS DATA PROCESSING EQUIPMENT
. COMPUTERS
. DIGITAL COMPUTERS
. UNIVAC 1100 SERIES COMPUTERS
. UNIVAC 1107 COMPUTER
. UNIVAC COMPUTERS
. UNIVAC 1100 SERIES COMPUTERS
. UNIVAC 1107 COMPUTER

UNIVAC 1108 COMPUTER

GS DATA PROCESSING EQUIPMENT
. COMPUTERS
. DIGITAL COMPUTERS
. UNIVAC 1100 SERIES COMPUTERS
. UNIVAC 1108 COMPUTER
. UNIVAC COMPUTERS
. UNIVAC 1100 SERIES COMPUTERS
. UNIVAC 1108 COMPUTER

UNIVAC 1110 COMPUTER

GS DATA PROCESSING EQUIPMENT
. COMPUTERS
. DIGITAL COMPUTERS
. UNIVAC 1100 SERIES COMPUTERS
. UNIVAC 1110 COMPUTER
. UNIVAC COMPUTERS
. UNIVAC 1100 SERIES COMPUTERS
. UNIVAC 1110 COMPUTER

UNIVAC 1230 COMPUTER

GS DATA PROCESSING EQUIPMENT
. COMPUTERS
. DIGITAL COMPUTERS
. UNIVAC 1230 COMPUTER
. UNIVAC COMPUTERS
. UNIVAC 1230 COMPUTER

UNIVAC 1824 COMPUTER

GS DATA PROCESSING EQUIPMENT
. COMPUTERS
. DIGITAL COMPUTERS
. UNIVAC 1824 COMPUTER
. UNIVAC COMPUTERS
. UNIVAC 1824 COMPUTER

UNIVERSAL TIME

GS TIME
RT EPHemeris TIME

UNIVERSE

UF METAGALAXY
RT BIG BANG COSMOLOGY

UNIVERSITIES

UNIVERSE-(CONT.)

CELESTIAL BODIES
COSMOLOGY
COSMOS
RELIC RADIATION

UNIVERSITIES

UF COLLEGES
RT EDUCATION
INSTRUCTORS
LEARNING
SCHOOLS
STUDENTS

UNIVERSITY PROGRAM

GS PROGRAMS
UNIVERSITY PROGRAM
RT BUREAUS (ORGANIZATIONS)
INVESTIGATION
NASA PROGRAMS
TEAMS

UNLOADING

RT DISCHARGE
DISPOSAL
DUMPING
EJECTION
EMPTYING
EVACUATING (TRANSPORTATION)
EXPULSION
LOADING OPERATIONS
MATERIALS HANDLING
RELEASING
REMOVAL
SPREADING

UNLOADING WAVES

GS ELASTIC WAVES
UNLOADING WAVES

UNMANNED SPACECRAFT

GS UNMANNED SPACECRAFT
BIOSATELLITES
BIOSATELLITE 1
BIOSATELLITE 2
BIOSATELLITE 3
SPUTNIK 2 SATELLITE
SPUTNIK 6 SATELLITE
SPUTNIK 7 SATELLITE
EXOSAT SATELLITE
EXPLORER 55 SATELLITE
GEODETIC SATELLITES
ANNA SATELLITES
EXPLORER 29 SATELLITE
EXPLORER 36 SATELLITE
GEOS 1 SATELLITE
GEOS 2 SATELLITE
GEOS 3 SATELLITE
LARGOS SATELLITE
PAGEOS SATELLITE
VANGUARD 1 SATELLITE
HEAO 1
HEAO 2
HEAO 3
NAVIGATION SATELLITES
EXPLORER 22 SATELLITE
NAVSTAR SATELLITES
NOVA SATELLITE
REFSAT
TRANSIT ATTITUDE CONTROL
SATELLITE
TRANSIT SATELLITES
TRANSIT 1A SATELLITE
TRANSIT 1B SATELLITE
TRANSIT 2A SATELLITE
TRANSIT 3B SATELLITE
TRANSIT 4A SATELLITE
TRANSIT 4B SATELLITE
TRANSIT 5A SATELLITE
PASSIVE SATELLITES
BEACON SATELLITES
BEACON EXPLORER A
EXPLORER 22 SATELLITE
ECHO SATELLITES
ECHO 1 SATELLITE
ECHO 2 SATELLITE
LAGEOS (SATELLITE)
PAGEOS SATELLITE
PIONEER VENUS SPACECRAFT
PIONEER VENUS 1 SPACECRAFT
PIONEER VENUS 2 SPACECRAFT
PIONEER VENUS 2 TRANSPORTER
BUS
POLYOT SATELLITES
SOLAR OBSERVATORIES

UNMANNED SPACECRAFT-(CONT.)

OSO
AOSO
OSO-C
OSO-1
OSO-2
OSO-3
OSO-4
OSO-5
OSO-6
OSO-7
OSO-8
SPACE PROBES
EXPLORER 18 SATELLITE
JUPITER PROBES
GALILEO PROBE
GALILEO SPACECRAFT
LUNAR PROBES
LUNIK LUNAR PROBES
LUNIK 1 LUNAR PROBE
LUNIK 2 LUNAR PROBE
LUNIK 3 LUNAR PROBE
LUNIK 4 LUNAR PROBE
LUNIK 9 LUNAR PROBE
LUNIK 10 LUNAR PROBE
LUNIK 11 LUNAR PROBE
LUNIK 12 LUNAR PROBE
LUNIK 13 LUNAR PROBE
LUNIK 14 LUNAR PROBE
LUNIK 16 LUNAR PROBE
LUNIK 17 LUNAR PROBE
LUNIK 19 LUNAR PROBE
LUNIK 20 LUNAR PROBE
LUNIK 22 LUNAR PROBE
RANGER LUNAR PROBES
RANGER LUNAR LANDING
VEHICLES
RANGER 1 LUNAR PROBE
RANGER 2 LUNAR PROBE
RANGER 3 LUNAR PROBE
RANGER 4 LUNAR PROBE
RANGER 5 LUNAR PROBE
RANGER 6 LUNAR PROBE
RANGER 7 LUNAR PROBE
RANGER 8 LUNAR PROBE
RANGER 9 LUNAR PROBE
RANGER 10 LUNAR PROBE
SURVEYOR LUNAR PROBES
SURVEYOR 1 LUNAR PROBE
SURVEYOR 2 LUNAR PROBE
SURVEYOR 3 LUNAR PROBE
SURVEYOR 4 LUNAR PROBE
SURVEYOR 5 LUNAR PROBE
SURVEYOR 6 LUNAR PROBE
SURVEYOR 7 LUNAR PROBE
MARINER SPACE PROBES
MARINER R 1 SPACE PROBE
MARINER R 2 SPACE PROBE
MARINER VENUS-MERCURY 1973
MARINER 1 SPACE PROBE
MARINER 2 SPACE PROBE
MARINER 3 SPACE PROBE
MARINER 4 SPACE PROBE
MARINER 5 SPACE PROBE
MARINER 6 SPACE PROBE
MARINER 7 SPACE PROBE
MARINER 8 SPACE PROBE
MARINER 9 SPACE PROBE
MARINER 10 SPACE PROBE
MARINER 11 SPACE PROBE
MARINER-MERCURY 1973
MARINER SPACECRAFT
MARINER C SPACECRAFT
MARINER VENUS 67 SPACECRAFT
MARS PROBES
ADVANCED RECONN ELECTRIC
SPACECRAFT
MARINER 3 SPACE PROBE
MARINER 4 SPACE PROBE
MARINER 6 SPACE PROBE
MARINER 7 SPACE PROBE
MARINER 8 SPACE PROBE
MARINER 10 SPACE PROBE
MARS 1 SPACECRAFT
MARS 2 SPACECRAFT
MARS 4 SPACECRAFT
MARS 6 SPACECRAFT
VIKING ORBITER 1975
ZOND 2 SPACE PROBE
MARS 5 SPACECRAFT
PIONEER SPACE PROBES
PIONEER VENUS 2 ENTRY PROBES
PIONEER VENUS 2 DAY PROBE
PIONEER VENUS 2 NIGHT PROBE
PIONEER VENUS 2 NORTH PROBE
PIONEER 1 SPACE PROBE

UNMANNED SPACECRAFT-(CONT.)

PIONEER 2 SPACE PROBE
PIONEER 3 SPACE PROBE
PIONEER 4 SPACE PROBE
PIONEER 5 SPACE PROBE
PIONEER 6 SPACE PROBE
PIONEER 7 SPACE PROBE
PIONEER 8 SPACE PROBE
PIONEER 9 SPACE PROBE
PIONEER 10 SPACE PROBE
PIONEER 11 SPACE PROBE
SOLAR PROBES
HELIOS A
HELIOS B
HELIOS 1
HELIOS 2
SUNBLAZER SPACE PROBE
VENUS PROBES
MARINER 1 SPACE PROBE
MARINER 2 SPACE PROBE
MARINER 5 SPACE PROBE
VENERA SATELLITES
VENERA 2 SATELLITE
VENERA 3 SATELLITE
VENERA 4 SATELLITE
VENERA 5 SATELLITE
VENERA 6 SATELLITE
VENERA 7 SATELLITE
VENERA 8 SATELLITE
VENERA 9 SATELLITE
VENERA 10 SATELLITE
VENERA 11 SATELLITE
VENERA 12 SATELLITE
ZOND 1 SPACE PROBE
ZOND 3 SPACE PROBE
ZOND 4 SPACE PROBE
ZOND 5 SPACE PROBE
ZOND 6 SPACE PROBE
ZOND 7 SPACE PROBE
ZOND 8 SPACE PROBE
TECHNOLOGY FEASIBILITY
SPACECRAFT
VOYAGER 1 SPACECRAFT
VOYAGER 2 SPACECRAFT
ZOND SPACE PROBES
ZOND 1 SPACE PROBE
ZOND 2 SPACE PROBE
ZOND 3 SPACE PROBE
ZOND 4 SPACE PROBE
ZOND 5 SPACE PROBE
ZOND 6 SPACE PROBE
ZOND 7 SPACE PROBE
ZOND 8 SPACE PROBE
RT ARTIFICIAL SATELLITES
COMMUNICATION SATELLITES
EARTH SATELLITES
GEOGRAPHICAL SATELLITES
GRAVITY GRADIENT SATELLITES
INFLATABLE SPACECRAFT
INTERPLANETARY SPACECRAFT
LUNAR LANDING MODULES
LUNAR SATELLITES
LUNAR SPACECRAFT
MANNED SPACECRAFT
MARINER PROGRAM
METEOROLOGICAL SATELLITES
MILITARY SPACECRAFT
RECONNAISSANCE SPACECRAFT
RECOVERABLE SPACECRAFT
RENDEZVOUS SPACECRAFT
REUSABLE SPACECRAFT
SATELLITES
SIRS B SATELLITE
SPACE CAPSULES
SPACECRAFT
VIKING LANDER SPACECRAFT
VIKING LANDER 1
VIKING LANDER 2
VIKING ORBITER SPACECRAFT
VIKING ORBITER 1
VIKING ORBITER 2
VIKING 1 SPACECRAFT
VIKING 2 SPACECRAFT
VOYAGER PROJECT

UNSATURATION (CHEMISTRY)

RT CHEMICAL BONDS
PRECIPITATION (CHEMISTRY)
SATURATION
SATURATION (CHEMISTRY)

UNSTEADY FLOW

UF PULSATING FLOW
GS FLUID FLOW
UNSTEADY FLOW

UNSTEADY FLOW-(CONT.)

RT . . OSCILLATING FLOW
 AERODYNAMICS
 CRITICAL FLOW
 FLOW STABILITY
 FLOW VELOCITY
 FLUID DYNAMICS
 GAS FLOW
 HEAT TRANSMISSION
 HYDRODYNAMIC COEFFICIENTS
 LAMINAR FLOW
 LIQUID FLOW
 MASS FLOW
 METHOD OF CHARACTERISTICS
 MULTIPHASE FLOW
 NONEQUILIBRIUM FLOW
 NONNEWTONIAN FLOW
 NONUNIFORM FLOW
 ORIFICE FLOW
 PIPE FLOW
 PRESSURE GRADIENTS
 SINGLE-PHASE FLOW
 SOLIDS FLOW
 STEADY FLOW
 STEADY STATE
 STEAM FLOW
 STROUHAL NUMBER
 SUBCRITICAL FLOW
 SUPERCRITICAL FLOW
 TURBULENCE
 UNIFORM FLOW

UNSTEADY STATE

RT ∞ EQUILIBRIUM
 FLUID DYNAMICS
 METASTABLE STATE
 NONEQUILIBRIUM CONDITIONS
 STABILITY
 STEADY STATE
 SYSTEMS STABILITY
 THERMODYNAMICS

UNSWEPT WINGS

GS AIRFOILS
 . WINGS
 . . UNSWEPT WINGS
 . . . INFINITE SPAN WINGS
 . . . RECTANGULAR WINGS
 . . . RING WINGS
 RT FIXED WINGS
 SWEEP WINGS
 WING PLANFORMS

UP-CONVERTERS

GS FREQUENCY CONVERTERS
 . UP-CONVERTERS
 RT ∞ CONVERTERS
 PARAMETRIC FREQUENCY CONVERTERS
 TRANSFORMERS

UPDRAFTS

USE VERTICAL AIR CURRENTS

UPGRADING

RT BENEFICIATION
 CONCENTRATING
 ENRICHMENT
 EXPERIENCE
 IMPROVEMENT
 PROMOTION
 PUBLIC RELATIONS
 PURIFICATION
 QUALITY
 REFINING

UPLINKING

RT CARRIER TO NOISE RATIOS
 COMMUNICATION SATELLITES
 DOWNLINKING
 FREQUENCY REUSE
 MICROWAVE TRANSMISSION
 SATELLITE TRANSMISSION
 TRANSMISSION EFFICIENCY

UPPER AIR

USE UPPER ATMOSPHERE

UPPER ATMOSPHERE

UF UPPER AIR
 GS EARTH ATMOSPHERE
 . UPPER ATMOSPHERE
 . . EXOSPHERE
 . . IONOSPHERE
 . . . E REGION
 E-1 LAYER

UPPER ATMOSPHERE-(CONT.)

. . . . E-2 LAYER
 E-3 LAYER
 SPORADIC E LAYER
 . . . LOWER IONOSPHERE
 D REGION
 . . . UPPER IONOSPHERE
 F REGION
 F 1 REGION
 F 2 REGION
 . . MAGNETOSPHERE
 . . . GEOMAGNETIC TAIL
 . . . MAGNETOPAUSE
 . . MESOPAUSE
 . . MESOSPHERE
 . . THERMOSPHERE
 . . . TURBOPAUSE
 RT ACOUSTIC SOUNDING
 AERONOMY
 CHEMOSPHERE
 HETEROSPHERE
 HIGH ALTITUDE
 HOMOSPHERE
 METEOR TRAILS
 METEOROLOGICAL BALLOONS
 MIDDLE ATMOSPHERE
 OZONOSPHERE
 PLASMASPHERE
 PROTON PRECIPITATION
 RADIATION BELTS
 SATELLITE ATMOSPHERES

UPPER IONOSPHERE

GS EARTH ATMOSPHERE
 . UPPER ATMOSPHERE
 . . IONOSPHERE
 . . . UPPER IONOSPHERE
 F REGION
 F 1 REGION
 F 2 REGION
 RT E REGION

UPPER STAGE ROCKET ENGINES

GS ENGINES
 . ROCKET ENGINES
 . . UPPER STAGE ROCKET ENGINES
 RT INERTIAL UPPER STAGE
 MULTISTAGE ROCKET VEHICLES
 SPACE SHUTTLE ASCENT STAGE
 SPACECRAFT CONFIGURATIONS
 SPINNING SOLID UPPER STAGE
 STAGE SEPARATION

UPPER SURFACE BLOWING

RT AERODYNAMIC CHARACTERISTICS
 AIRCRAFT CONFIGURATIONS
 CIRCULATION CONTROL AIRFOILS
 LIFT
 UNDER SURFACE BLOWING

UPPER SURFACE BLOWN FLAPS

GS AIRFOILS
 . FLAPS (CONTROL SURFACES)
 . . EXTERNALLY BLOWN FLAPS
 . . . UPPER SURFACE BLOWN FLAPS
 CONTROL SURFACES
 . FLAPS (CONTROL SURFACES)
 . . EXTERNALLY BLOWN FLAPS
 . . . UPPER SURFACE BLOWN FLAPS
 RT AIRCRAFT STABILITY
 BOUNDARY LAYER CONTROL
 CONTROL SURFACES
 LIFT AUGMENTATION
 LIFT DEVICES

UPPER VOLTA

RT AFRICA
 NATIONS

UPSETTING

RT COLD PRESSING
 COLD WORKING
 FORMING TECHNIQUES
 HOT PRESSING
 HOT WORKING
 PRESSING (FORMING)
 STAMPING

UPSTREAM

RT AIR CURRENTS
 WATER CURRENTS
 WIND DIRECTION

UPWASH

RT DOWNWASH

UPWASH-(CONT.)

∞ DRAFT
 INTERFERENCE DRAG
 INTERFERENCE LIFT

UPWELLING

USE UPWELLING WATER

UPWELLING WATER

UF UPWELLING
 RT ATMOSPHERIC CIRCULATION
 COASTS
 OCEAN CURRENTS
 WIND (METEOROLOGY)
 WIND DIRECTION

URACIL

GS HETEROCYCLIC COMPOUNDS
 . URACIL
 NITROGEN COMPOUNDS
 . URACIL
 PYRIMIDINES
 . URACIL
 RT ALLOXAN
 URIDYLIC ACID

URANIUM

GS CHEMICAL ELEMENTS
 . ACTINIDE SERIES
 . . URANIUM
 . . . URANIUM ISOTOPES
 URANIUM 232
 URANIUM 233
 URANIUM 234
 URANIUM 235
 URANIUM 238
 . . . URANIUM PLASMAS
 METALS
 . ACTINIDE SERIES
 . . URANIUM
 . . . URANIUM ISOTOPES
 URANIUM 232
 URANIUM 233
 URANIUM 234
 URANIUM 235
 URANIUM 238
 . . . URANIUM PLASMAS
 RT FISSIONABLE MATERIALS
 JET MEMBRANE PROCESS
 NUCLEAR FUELS

URANIUM ALLOYS

GS ALLOYS
 . URANIUM ALLOYS
 RT NUCLEAR FUEL ELEMENTS
 NUCLEAR FUELS

URANIUM CARBIDES

GS ACTINIDE SERIES COMPOUNDS
 . URANIUM COMPOUNDS
 . . URANIUM CARBIDES
 CARBON COMPOUNDS
 . CARBIDES
 . . URANIUM CARBIDES
 RT CERAMIC NUCLEAR FUELS
 NUCLEAR FUEL ELEMENTS
 NUCLEAR FUELS

URANIUM COMPOUNDS

GS ACTINIDE SERIES COMPOUNDS
 . URANIUM COMPOUNDS
 . . URANIUM CARBIDES
 . . URANIUM FLUORIDES
 . . URANIUM OXIDES
 RT CERAMIC NUCLEAR FUELS
 ∞ METAL COMPOUNDS
 NUCLEAR FUELS

URANIUM FLUORIDES

GS ACTINIDE SERIES COMPOUNDS
 . URANIUM COMPOUNDS
 . . URANIUM FLUORIDES
 HALOGEN COMPOUNDS
 . FLUORINE COMPOUNDS
 . . FLUORIDES
 . . . METAL FLUORIDES
 URANIUM FLUORIDES
 . HALIDES
 . . METAL HALIDES
 . . . URANIUM FLUORIDES

URANIUM ISOTOPES

GS CHEMICAL ELEMENTS
 . ACTINIDE SERIES

URANIUM OXIDES

URANIUM ISOTOPES-(CONT.)

.. URANIUM
 ... **URANIUM ISOTOPES**
 URANIUM 232
 URANIUM 233
 URANIUM 234
 URANIUM 235
 URANIUM 238
 . NUCLIDES
 . ISOTOPES
 . **URANIUM ISOTOPES**
 URANIUM 232
 URANIUM 233
 URANIUM 234
 URANIUM 235
 URANIUM 238
 METALS
 . ACTINIDE SERIES
 . URANIUM
 . **URANIUM ISOTOPES**
 URANIUM 232
 URANIUM 233
 URANIUM 234
 URANIUM 235
 URANIUM 238

URANIUM OXIDES

GS ACTINIDE SERIES COMPOUNDS
 . URANIUM COMPOUNDS
 . **URANIUM OXIDES**
 CHALCOGENIDES
 . OXIDES
 . METAL OXIDES
 . **URANIUM OXIDES**
 RT CERAMIC NUCLEAR FUELS
 MIXED OXIDES
 NUCLEAR FUELS

URANIUM PLASMAS

GS CHEMICAL ELEMENTS
 . ACTINIDE SERIES
 . URANIUM
 . **URANIUM PLASMAS**
 METALS
 . ACTINIDE SERIES
 . URANIUM
 . **URANIUM PLASMAS**
 RT MAGNETOHYDRODYNAMICS
 PLASMA COMPOSITION
 PLASMA PHYSICS
 RADIOACTIVE MATERIALS

URANIUM 232

GS CHEMICAL ELEMENTS
 . ACTINIDE SERIES
 . URANIUM
 . URANIUM ISOTOPES
 . **URANIUM 232**
 . NUCLIDES
 . ISOTOPES
 . RADIOACTIVE ISOTOPES
 . **URANIUM 232**
 . URANIUM ISOTOPES
 . **URANIUM 232**
 METALS
 . ACTINIDE SERIES
 . URANIUM
 . URANIUM ISOTOPES
 . **URANIUM 232**

URANIUM 233

GS CHEMICAL ELEMENTS
 . ACTINIDE SERIES
 . URANIUM
 . URANIUM ISOTOPES
 . **URANIUM 233**
 . NUCLIDES
 . ISOTOPES
 . RADIOACTIVE ISOTOPES
 . **URANIUM 233**
 . URANIUM ISOTOPES
 . **URANIUM 233**
 METALS
 . ACTINIDE SERIES
 . URANIUM
 . URANIUM ISOTOPES
 . **URANIUM 233**
 RT NUCLEAR FUELS

URANIUM 234

GS CHEMICAL ELEMENTS
 . ACTINIDE SERIES
 . URANIUM
 . URANIUM ISOTOPES
 . **URANIUM 234**

URANIUM 234-(CONT.)

. NUCLIDES
 . ISOTOPES
 . URANIUM ISOTOPES
 . **URANIUM 234**
 METALS
 . ACTINIDE SERIES
 . URANIUM
 . URANIUM ISOTOPES
 . **URANIUM 234**

URANIUM 235

GS CHEMICAL ELEMENTS
 . ACTINIDE SERIES
 . URANIUM
 . URANIUM ISOTOPES
 . **URANIUM 235**
 . NUCLIDES
 . ISOTOPES
 . URANIUM ISOTOPES
 . **URANIUM 235**
 METALS
 . ACTINIDE SERIES
 . URANIUM
 . URANIUM ISOTOPES
 . **URANIUM 235**
 RT NUCLEAR FUELS

URANIUM 238

GS CHEMICAL ELEMENTS
 . ACTINIDE SERIES
 . URANIUM
 . URANIUM ISOTOPES
 . **URANIUM 238**
 . NUCLIDES
 . ISOTOPES
 . RADIOACTIVE ISOTOPES
 . **URANIUM 238**
 . URANIUM ISOTOPES
 . **URANIUM 238**
 METALS
 . ACTINIDE SERIES
 . URANIUM
 . URANIUM ISOTOPES
 . **URANIUM 238**
 RT NUCLEAR FUELS

URANUS (PLANET)

GS CELESTIAL BODIES
 . PLANETS
 . GAS GIANT PLANETS
 . **URANUS (PLANET)**
 . URANUS RINGS
 RT URANUS ATMOSPHERE

URANUS ATMOSPHERE

GS ENVIRONMENTS
 . EXTRATERRESTRIAL ENVIRONMENTS
 . PLANETARY ENVIRONMENTS
 . PLANETARY ATMOSPHERES
 . **URANUS ATMOSPHERE**
 RT AEROSPACE ENVIRONMENTS
 . ATMOSPHERES
 . GAS GIANT PLANETS
 . HYDROGEN
 . METHANE
 . URANUS (PLANET)

URANUS RINGS

GS CELESTIAL BODIES
 . PLANETS
 . GAS GIANT PLANETS
 . URANUS (PLANET)
 . **URANUS RINGS**
 RT JUPITER RINGS
 NATURAL SATELLITES
 PLANETARY STRUCTURE
 . RINGS

URBAN AREAS

USE CITIES

URBAN DEVELOPMENT

RT CITIES
 . COMMUNITIES
 . DEVELOPMENT
 . ECONOMIC DEVELOPMENT
 . INDUSTRIAL AREAS
 . LAND USE
 . MEGALOPOLISES
 . OPERATIONS RESEARCH
 . PARKS
 . PLANNING
 . PLANS
 . REGIONAL PLANNING

NASA THESAURUS (VOLUME 1)

URBAN DEVELOPMENT-(CONT.)

RESIDENTIAL AREAS
 RESOURCES
 STARSITE PROGRAM
 TECHNOLOGIES

URBAN PLANNING

GS PLANNING
 . REGIONAL PLANNING
 . **URBAN PLANNING**
 RT CENSUS
 CITIES
 COMMUNITIES
 HEAT ISLANDS
 HIGHWAYS
 LAND MANAGEMENT
 LAND USE
 PARKS
 PUBLIC HEALTH
 RECREATION
 SOCIAL FACTORS
 SOCIOLOGY
 STARSITE PROGRAM
 STREETS

URBAN RESEARCH

RT CITIES
 COMMUNITIES
 LAND USE
 RECREATION
 SOCIAL FACTORS
 STREETS

URBAN TRANSPORTATION

GS TRANSPORTATION
 . **URBAN TRANSPORTATION**
 RT AUTOMATED GUIDEWAY TRANSIT
 VEHICLES
 AUTOMATED MIXED TRAFFIC VEHICLES
 INDUSTRIAL AREAS
 MEGALOPOLISES
 RAIL TRANSPORTATION
 RAPID TRANSIT SYSTEMS
 REGIONAL PLANNING
 SURFACE VEHICLES

UREAS

GS NITROGEN COMPOUNDS
 . AMIDES
 . **UREAS**
 . DIFLUOROUREA
 . PSEUDOURREA
 . THIOUREAS
 . ISOTHIOUREA
 . THIURONIUM
 RT DIURETICS
 FERTILIZERS
 URINE

URETHANES

GS ALIPHATIC COMPOUNDS
 . CARBAMATES (TRADENAME)
 . **URETHANES**
 ESTERS
 . CARBAMATES (TRADENAME)
 . **URETHANES**
 POISONS
 . CARBAMATES (TRADENAME)
 . **URETHANES**
 RT CYANATES

URIC ACID

GS ACIDS
 . **URIC ACID**
 FUNGICIDES
 . XANTHINES
 . **URIC ACID**
 HETEROCYCLIC COMPOUNDS
 . XANTHINES
 . **URIC ACID**
 NITROGEN COMPOUNDS
 . XANTHINES
 . **URIC ACID**
 PURINES
 . XANTHINES
 . **URIC ACID**
 RT ALLOXAN

URIDYLIC ACID

GS ACIDS
 . AMINO ACIDS
 . **URIDYLIC ACID**
 . NUCLEIC ACIDS
 . **URIDYLIC ACID**
 ORGANIC COMPOUNDS

URIDYLIC ACID-(CONT.)

. AMINO ACIDS
 . . **URIDYLIC ACID**
 . NUCLEOTIDES
 . . **URIDYLIC ACID**
 PHOSPHORUS COMPOUNDS
 . ORGANIC PHOSPHORUS COMPOUNDS
 . . **URIDYLIC ACID**
 . PHOSPHATES
 . . NUCLEOTIDES
 . . . **URIDYLIC ACID**
 PROTEINS
 . NUCLEOTIDES
 . . **URIDYLIC ACID**
 RT URACIL

URINALYSIS

GS CHEMICAL TESTS
 . CHEMICAL ANALYSIS
 . . **URINALYSIS**
 RT DIABETES MELLITUS
 PHYSIOLOGICAL TESTS
 URINE

URINATION

UF MICTURITION
 RT DIURESIS
 URINE
 WATER BALANCE

URINE

GS BODY FLUIDS
 . **URINE**
 WASTES
 . LIQUID WASTES
 . . **URINE**
 . METABOLIC WASTES
 . . HUMAN WASTES
 . . . **URINE**
 RT ANTIDIURETICS
 CREATININE
 EXCRETION
 FECES
 HEMATURIA
 KIDNEYS
 UREAS
 URINALYSIS
 URINATION

UROGRAPHY

GS IMAGERY
 . RADIOGRAPHY
 . . **UROGRAPHY**
 PHOTOGRAPHY
 . **UROGRAPHY**
 RT BLACK AND WHITE PHOTOGRAPHY

UROLITHIASIS

GS DISEASES
 . **UROLITHIASIS**
 RT CALCULI
 KIDNEYS
 UROLOGY

UROLOGY

GS MEDICAL SCIENCE
 . **UROLOGY**
 RT BLADDER
 GENITOURINARY SYSTEM
 KIDNEYS
 UROLITHIASIS

URUGUAY

RT NATIONS
 SOUTH AMERICA

US-2A AIRCRAFT

USE S-2 AIRCRAFT

USA (UNITED STATES)

USE UNITED STATES OF AMERICA

USER MANUALS (COMPUTER PROGRAMS)

GS DOCUMENTS
 . HANDBOOKS
 . . **USER MANUALS (COMPUTER PROGRAMS)**
 . MANUALS
 . . **USER MANUALS (COMPUTER PROGRAMS)**
 RT COMPUTER PROGRAMS
 PROGRAMS
 REPORT GENERATORS
 ∞ ROUTINES

USER MANUALS (COMPUTER-(CONT.)
SUBROUTINES**USER REQUIREMENTS**

RT INTERNATIONAL COOPERATION
 REQUIREMENTS
 SPECIFICATIONS

USNS KINGSPORT

USE SATELLITE COMMUNICATIONS SHIPS

UTAH

GS UNITED STATES OF AMERICA
 . **UTAH**
 RT COLORADO PLATEAU (US)
 COLORADO RIVER (NORTH AMERICA)
 GREAT BASIN (US)
 GREAT SALT LAKE (UT)

UTERUS

GS ANATOMY
 . GENITOURINARY SYSTEM
 . . **UTERUS**
 REPRODUCTIVE SYSTEMS
 . **UTERUS**

UTILITIES

RT ∞ ELECTRIC EQUIPMENT
 ∞ ELECTRIC POWER
 GARBAGE
 INDUSTRIES
 INTEGRATED ENERGY SYSTEMS
 LOGISTICS
 MODULAR INTEGRATED UTILITY SYSTEM
 SERVICES
 SITE SELECTION
 TELEPHONES
 WASTE DISPOSAL
 WATER

UTILITY AIRCRAFT

GS **UTILITY AIRCRAFT**
 . BO-105 HELICOPTER
 . C-140 AIRCRAFT
 . DHC 4 AIRCRAFT
 . DHC 5 AIRCRAFT
 . DO-27 AIRCRAFT
 . DO-28 AIRCRAFT
 . HC-3 HELICOPTER
 . HH-43 HELICOPTER
 . KH-4 HELICOPTER
 . OH-13 HELICOPTER
 . OH-23 HELICOPTER
 . P-531 HELICOPTER
 . PD-808 AIRCRAFT
 . S-2 AIRCRAFT
 . SAAB 105 AIRCRAFT
 . SIEMETZKI T-3 HELICOPTER
 . T-39 AIRCRAFT
 . U-2 AIRCRAFT
 . U-3 AIRCRAFT
 . U-10 AIRCRAFT
 . UH-1 HELICOPTER
 . UH-2 HELICOPTER
 . UH-34 HELICOPTER
 . UH-60A HELICOPTER
 . UH-61A HELICOPTER
 . V-2 HELICOPTER
 . WESTLAND WHIRLWIND HELICOPTER
 . XV-8A AIRCRAFT
 . Z-37 AIRCRAFT

RT ∞ AIRCRAFT
 BIPLANES
 CARGO AIRCRAFT
 COMMERCIAL AIRCRAFT
 GENERAL AVIATION AIRCRAFT
 HELICOPTERS
 LIGHT AIRCRAFT
 ∞ MILITARY AIRCRAFT
 OBSERVATION AIRCRAFT
 RECONNAISSANCE AIRCRAFT
 SNOW AIRCRAFT
 ∞ SUBSONIC AIRCRAFT
 TERRAIN FOLLOWING AIRCRAFT
 TRANSPORT AIRCRAFT
 V/STOL AIRCRAFT
 WATER TAKEOFF AND LANDING
 AIRCRAFT

UTILIZATION

UF APPLICATION
 GS **UTILIZATION**
 . COAL UTILIZATION
 . GEOTHERMAL ENERGY UTILIZATION
 . LASER APPLICATIONS

UTILIZATION-(CONT.)

. . . LASER CUTTING
 . . . LASER FUSION
 . REUSE
 . WASTE ENERGY UTILIZATION
 . WASTE UTILIZATION
 . WINDPOWER UTILIZATION
 RT CONSUMPTION
 DEPLETION
 EFFICIENCY
 TECHNOLOGY UTILIZATION

UTRICLE

RT PLANTS (BOTANY)
 SEEDS

UV CETI STARS

USE FLARE STARS

UV LASERS

USE ULTRAVIOLET LASERS

V**V BAND**

USE EXTREMELY HIGH FREQUENCIES

V GROOVES

GS GROOVES
 . **V GROOVES**
 RT MACHINING
 NOTCHES

V-1 MISSILE

GS MISSILES
 . SURFACE TO SURFACE MISSILES
 . . **V-1 MISSILE**
 RT LIQUID PROPELLANT ROCKET ENGINES
 PULSEJET ENGINES

V-2 HELICOPTER

GS UTILITY AIRCRAFT
 . **V-2 HELICOPTER**
 V/STOL AIRCRAFT
 . ROTARY WING AIRCRAFT
 . . HELICOPTERS
 . . . **V-2 HELICOPTER**

V-2 MISSILE

GS MISSILES
 . BALLISTIC MISSILES
 . . **V-2 MISSILE**
 RT LIQUID PROPELLANT ROCKET ENGINES

V-3 AIRCRAFT

USE XV-3 AIRCRAFT

V-4 AIRCRAFT

USE XV-4 AIRCRAFT

V-5 AIRCRAFT

USE XV-5 AIRCRAFT

V-9 AIRCRAFT

USE XV-9A AIRCRAFT

V/STOL AIRCRAFT

UF CONVERTAPLANES
 STEEP GRADIENT AIRCRAFT
 GS **V/STOL AIRCRAFT**
 . AH-1G HELICOPTER
 . CL-84 AIRCRAFT
 . DO-31 AIRCRAFT
 . FV-12A AIRCRAFT
 . G-95/4 AIRCRAFT
 . G-222 AIRCRAFT
 . HILLER 1098 CONVERTAPLANE
 . L-29 JET TRAINER
 . P-1127 AIRCRAFT
 . P-1154 AIRCRAFT
 . ROTARY WING AIRCRAFT
 . . AUTOGYROS
 . . . AVIAN 2/180 AUTOGIRO
 . . . BENSON B-8M AUTOGIRO
 . . . WA-116 AUTOGIRO
 . . . HELICOPTERS
 . . . ALOUETTE HELICOPTERS
 SA-330 HELICOPTER
 SE-3160 HELICOPTER
 . . . BELL 214A HELICOPTER
 . . . BO P-310 HELICOPTER

VA-3 GROUND EFFECT MACHINE

V/STOL AIRCRAFT-(CONT.)

. . . BO-105 HELICOPTER
 . . . CH-21 HELICOPTER
 . . . COMPOUND HELICOPTERS
 . . . FIAT 7002 HELICOPTER
 . . . GRASSHOPPER HELICOPTER
 . . . H-17 HELICOPTER
 . . . H-54 HELICOPTER
 . . . HC-3 HELICOPTER
 . . . HILLER 1123 HELICOPTER
 . . . KH-4 HELICOPTER
 . . . MILITARY HELICOPTERS
 . . . AH-64 HELICOPTER
 . . . CH-3 HELICOPTER
 . . . CH-34 HELICOPTER
 . . . CH-46 HELICOPTER
 . . . CH-47 HELICOPTER
 . . . CH-54 HELICOPTER
 . . . H-43 HELICOPTER
 . . . H-53 HELICOPTER
 . . . H-56 HELICOPTER
 . . . H-60 HELICOPTER
 . . . HEAVY LIFT HELICOPTERS
 . . . CH-62 HELICOPTER
 . . . HH-43 HELICOPTER
 . . . OH-4 HELICOPTER
 . . . OH-5 HELICOPTER
 . . . OH-6 HELICOPTER
 . . . OH-13 HELICOPTER
 . . . OH-23 HELICOPTER
 . . . OH-58 HELICOPTER
 . . . QH-50 HELICOPTER
 . . . S-58 HELICOPTER
 . . . S-61 HELICOPTER
 . . . SA-330 HELICOPTER
 . . . SA-3210 HELICOPTER
 . . . SH-34 HELICOPTER
 . . . UH-1 HELICOPTER
 . . . UH-2 HELICOPTER
 . . . UH-34 HELICOPTER
 . . . UH-60A HELICOPTER
 . . . UH-61A HELICOPTER
 . . . NH-41 HELICOPTER
 . . . P-531 HELICOPTER
 . . . RIGID ROTOR HELICOPTERS
 . . . CH-3 HELICOPTER
 . . . F-28 HELICOPTER
 . . . XH-51 HELICOPTER
 . . . SH-3 HELICOPTER
 . . . SH-4 HELICOPTER
 . . . SIEMETZKI T-3 HELICOPTER
 . . . SIKORSKY WHIRLWIND HELICOPTER
 . . . TANDEM ROTOR HELICOPTERS
 . . . CH-46 HELICOPTER
 . . . CH-47 HELICOPTER
 . . . H-25 HELICOPTER
 . . . TH-55 HELICOPTER
 . . . V-2 HELICOPTER
 . . . WESTLAND WHIRLWIND
 HELICOPTER
 . . . WF S-64 HELICOPTER
 . . . XV-9A AIRCRAFT
 . . . TILT ROTOR AIRCRAFT
 . . . XV-15 AIRCRAFT
 . . . SHORT TAKEOFF AIRCRAFT
 . . . BREGUET 940 AIRCRAFT
 . . . BREGUET 941 AIRCRAFT
 . . . BREGUET 942 AIRCRAFT
 . . . C-15 AIRCRAFT
 . . . C-123 AIRCRAFT
 . . . DHC 4 AIRCRAFT
 . . . DHC 5 AIRCRAFT
 . . . DO-29 AIRCRAFT
 . . . QUESTOL
 . . . RF-1 AIRCRAFT
 . . . SIAT 311 AIRCRAFT
 . . . U-10 AIRCRAFT
 . . . VZ-3 AIRCRAFT
 . . . VERTICAL TAKEOFF AIRCRAFT
 . . . FLYING PLATFORMS
 . . . SC-1 AIRCRAFT
 . . . VJ-101 AIRCRAFT
 . . . VZ-8 AIRCRAFT
 . . . X-13 AIRCRAFT
 . . . X-14 AIRCRAFT
 . . . X-19 AIRCRAFT
 . . . X-22 AIRCRAFT
 . . . X-22A AIRCRAFT
 . . . XV-4 AIRCRAFT
 . . . XV-11A AIRCRAFT
 . . . VZ-2 AIRCRAFT
 . . . XV-3 AIRCRAFT
 . . . XV-5 AIRCRAFT
 . . . XV-8A AIRCRAFT
 RT ∞ AIRCRAFT
 ANTISUBMARINE WARFARE AIRCRAFT

V/STOL AIRCRAFT-(CONT.)

ATTACK AIRCRAFT
 COMMERCIAL AIRCRAFT
 DRONE AIRCRAFT
 FAN IN WING AIRCRAFT
 FIGHTER AIRCRAFT
 GROUND EFFECT MACHINES
 H-19 HELICOPTER
 HELIPORTS
 HOVERING
 JET AIRCRAFT
 ∞ MILITARY AIRCRAFT
 PASSENGER AIRCRAFT
 RECONNAISSANCE AIRCRAFT
 RESEARCH AIRCRAFT
 SHORT HAUL AIRCRAFT
 TILT WING AIRCRAFT
 TRANSPORT AIRCRAFT
 UTILITY AIRCRAFT
 VERTICAL FLIGHT
 WESER AIRCRAFT
 WESTLAND AIRCRAFT

VA-3 GROUND EFFECT MACHINE

UF VICKERS VA-3 HOVERCRAFT
 GS BAC AIRCRAFT
 . VA-3 GROUND EFFECT MACHINE
 GROUND EFFECT MACHINES
 . VA-3 GROUND EFFECT MACHINE
 PASSENGER AIRCRAFT
 . VA-3 GROUND EFFECT MACHINE
 RT AMPHIBIOUS AIRCRAFT

VACANCIES (CRYSTAL DEFECTS)

GS DEFECTS
 . CRYSTAL DEFECTS
 . POINT DEFECTS
 . . VACANCIES (CRYSTAL DEFECTS)
 . . . FRENKEL DEFECTS
 RT HOLES (ELECTRON DEFICIENCIES)
 SQUARE WELLS

VACCINES

GS VACCINES
 . INOCULUM
 RT ANTIBODIES
 ANTIGENS
 ANTISERUMS
 BACTERIOLOGY
 BIOCOMPATIBILITY
 DISEASES
 DRUGS
 EPIDEMIOLOGY
 INOCULATION
 TOXICOLOGY
 TOXINS AND ANTITOXINS

VACCINATION

RT DITHERS
 HUMAN REACTIONS

VACUUM

UF ASPIRATION
 GS PRESSURE
 . VACUUM
 . . HIGH VACUUM
 . . LOW VACUUM
 . . ULTRAHIGH VACUUM
 RT AEROSPACE ENVIRONMENTS
 BOUNDARY LAYER CONTROL
 EVACUATING (VACUUM)
 GETTERS
 HIGH PRESSURE
 KNUDSEN FLOW
 LOW PRESSURE
 MEAN FREE PATH
 OFFGASSING
 OUTGASSING
 PRESSURE MEASUREMENT
 RAREFACTION
 SUCTION

VACUUM APPARATUS

GS VACUUM APPARATUS
 . VACUUM CHAMBERS
 . VACUUM FURNACES
 . VACUUM GAGES
 . . IONIZATION GAGES
 . . . ALPHATRONS
 . . . BAYARD-ALPERT IONIZATION
 GAGES
 . . . PENNING GAGES
 . . . PHILIPS IONIZATION GAGES
 . . . KNUDSEN GAGES
 . . . MCLEOD GAGES
 . . . PIRANI GAGES

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VACUUM APPARATUS-(CONT.)

. . PIRANI GAGES
 . VACUUM PUMPS
 . . CONDENSATION PUMPS
 . . ION PUMPS
 . . MOLECULAR PUMPS
 RT COLD TRAPS
 DIFFUSION PUMPS
 HIGH VACUUM
 LOW DENSITY RESEARCH
 RESIDUAL GAS
 SUCTION
 ULTRAHIGH VACUUM

VACUUM CHAMBERS

UF LOW PRESSURE CHAMBERS
 GS COMPARTMENTS
 . TEST CHAMBERS
 . . PRESSURE CHAMBERS
 . . . VACUUM CHAMBERS
 VACUUM APPARATUS
 . VACUUM CHAMBERS
 RT ALTITUDE SIMULATION
 ∞ CHAMBERS
 HIGH ALTITUDE ENVIRONMENTS
 HIGH ALTITUDE PRESSURE
 HYPERBARIC CHAMBERS
 SPACE ENVIRONMENT SIMULATION
 SPACE SIMULATORS
 THERMAL VACUUM TESTS
 WIND TUNNEL DRIVES

VACUUM DEPOSITION

GS DEPOSITION
 . VAPOR DEPOSITION
 . . VACUUM DEPOSITION
 RT CERAMIC COATINGS
 ELECTROLESS DEPOSITION
 ION PLATING

VACUUM EFFECTS

RT COLD WELDING
 ENVIRONMENTS
 OFFGASSING
 PRESSURE EFFECTS
 SPACE MANUFACTURING

VACUUM FURNACES

GS HEATING EQUIPMENT
 . FURNACES
 . . VACUUM FURNACES
 VACUUM APPARATUS
 . VACUUM FURNACES
 RT SOLAR FURNACES

VACUUM GAGES

GS MEASURING INSTRUMENTS
 . PRESSURE GAGES
 . . VACUUM GAGES
 . . . IONIZATION GAGES
 . . . ALPHATRONS
 . . . BAYARD-ALPERT IONIZATION
 GAGES
 . . . PENNING GAGES
 . . . PHILIPS IONIZATION GAGES
 . . . KNUDSEN GAGES
 . . . MCLEOD GAGES
 . . . PIRANI GAGES
 VACUUM APPARATUS
 . VACUUM GAGES
 . . IONIZATION GAGES
 . . . ALPHATRONS
 . . . BAYARD-ALPERT IONIZATION
 GAGES
 . . . PENNING GAGES
 . . . PHILIPS IONIZATION GAGES
 . . . KNUDSEN GAGES
 . . . MCLEOD GAGES
 . . . PIRANI GAGES
 RT BAROMETERS
 MANOMETERS
 ORBITRONS
 PRESSURE MEASUREMENT

VACUUM MELTING

GS PHASE TRANSFORMATIONS
 . MELTING
 . . VACUUM MELTING
 RT ARC MELTING
 INDUCTION HEATING
 LEVITATION
 POWDER METALLURGY
 ZONE MELTING

VACUUM PUMPS

GS PUMPS
 . VACUUM PUMPS
 . . CONDENSATION PUMPS
 . . ION PUMPS
 . . MOLECULAR PUMPS
 VACUUM APPARATUS
 . VACUUM PUMPS
 . . CONDENSATION PUMPS
 . . ION PUMPS
 . . MOLECULAR PUMPS
 RT COMPRESSORS
 CRYOPUMPING
 DIFFUSION PUMPS
 EJECTORS
 EVACUATING (VACUUM)
 JET PUMPS
 MATERIALS HANDLING
 OUTGASSING
 SUCTION

VACUUM SPECTROSCOPY

GS SPECTROSCOPY
 . VACUUM SPECTROSCOPY
 RT GAS SPECTROSCOPY
 INFRARED SPECTROSCOPY
 MAGNETIC SPECTROSCOPY
 MASS SPECTROSCOPY
 MOLECULAR SPECTROSCOPY
 NUCLEAR RADIATION SPECTROSCOPY
 SPECTROSCOPIC ANALYSIS
 ULTRAVIOLET SPECTROSCOPY
 X RAY SPECTROSCOPY

VACUUM SYSTEMS

RT AMPOULES
 ∞ SYSTEMS

VACUUM TESTS

GS VACUUM TESTS
 . THERMAL VACUUM TESTS
 RT HIGH VACUUM
 HYPOBARIC ATMOSPHERES
 TEST CHAMBERS
 ∞ TESTS
 ULTRAHIGH VACUUM

VACUUM TUBE OSCILLATORS

GS ELECTRON TUBES
 . VACUUM TUBES
 . . VACUUM TUBE OSCILLATORS
 . . CATHODE RAY TUBES
 . . . PICTURE TUBES
 . . . GAS DISCHARGE TUBES
 . . . IGNITRONS
 . . . THYRATRONS
 . . . MICROWAVE TUBES
 . . . KLYSTRONS
 . . . MAGNETRONS
 . . . NIGOTRONS
 . . . MICROWAVE OSCILLATORS
 . . . PLANOTRONS
 . . . CARCINOTRONS
 . . . CELESCOPES
 . . . HELITRONS
 . . . IGNITRONS
 . . . THERMIONS
 . . . THERMIONIC DIODES
 . . . THYRATRONS
 . . . TRAVELING WAVE TUBES
 . . . CARCINOTRONS
 . . . HELITRONS
 OSCILLATORS
 . VACUUM TUBE OSCILLATORS
 . . CATHODE RAY TUBES
 . . . PICTURE TUBES
 . . . GAS DISCHARGE TUBES
 . . . MICROWAVE TUBES
 . . . MAGNETRONS
 . . . NIGOTRONS
 . . . MICROWAVE OSCILLATORS
 . . . PLANOTRONS
 . . . CARCINOTRONS
 . . . HELITRONS
 RT AUTODYNES

VACUUM TUBES

GS ELECTRON TUBES
 . VACUUM TUBES
 . . VACUUM TUBE OSCILLATORS
 . . CATHODE RAY TUBES
 . . . PICTURE TUBES
 . . . GAS DISCHARGE TUBES
 . . . IGNITRONS
 . . . THYRATRONS

VACUUM TUBES-(CONT.)

. . . MICROWAVE TUBES
 . . . KLYSTRONS
 . . . MAGNETRONS
 . . . NIGOTRONS
 . . . MICROWAVE OSCILLATORS
 . . . PLANOTRONS
 . . . CARCINOTRONS
 . . . CELESCOPES
 . . . HELITRONS
 . . . IGNITRONS
 . . . THERMIONS
 . . . THERMIONIC DIODES
 . . . THYRATRONS
 . . . TRAVELING WAVE TUBES
 . . . CARCINOTRONS
 . . . HELITRONS
 RT PENTODES
 PERVEANCE
 RESIDUAL GAS

VACUUM ULTRAVIOLET RADIATION

USE FAR ULTRAVIOLET RADIATION

VADOSE WATER

GS WATER
 . VADOSE WATER
 RT COASTAL WATER
 EVAPOTRANSPIRATION
 LAKE TEXOMA (OK-TX)
 NEARSHORE WATER
 RIVER BASINS
 SOILS
 WATER TABLES

VALENCE

GS VALENCE
 . OCTETS
 RT CHEMICAL BONDS
 CONDUCTION ELECTRONS
 ION CHARGE
 IONS
 POSITIVE IONS
 TRIVALENT IONS

VALERIC ACID

GS ACIDS
 . FATTY ACIDS
 . . CARBOXYLIC ACIDS
 . . . VALERIC ACID
 ALIPHATIC COMPOUNDS
 . FATTY ACIDS
 . . VALERIC ACID
 LIPIDS
 . VALERIC ACID
 ORGANIC COMPOUNDS
 . FATTY ACIDS
 . . VALERIC ACID

VALIANT AIRCRAFT

. UF VICKERS VALIANT AIRCRAFT
 GS ATTACK AIRCRAFT
 . BOMBER AIRCRAFT
 . . VALIANT AIRCRAFT
 BAC AIRCRAFT
 . VALIANT AIRCRAFT
 JET AIRCRAFT
 . VALIANT AIRCRAFT
 MONOPLANES
 . VALIANT AIRCRAFT
 RT RECONNAISSANCE AIRCRAFT
 TANKER AIRCRAFT

VALIDATION

USE PROVING

VALIDITY

RT ACCEPTABILITY
 ACCURACY
 ADEQUACY
 CONSISTENCY
 CORRELATION
 EXISTENCE
 MATHEMATICAL MODELS
 PRECISION
 QUALITY
 RELIABILITY
 SIMULATION
 STANDARDS
 STATISTICAL TESTS
 VARIABILITY

VALKYRIE AIRCRAFT

USE B-70 AIRCRAFT

VALLEYS

UF INTERMONTANE FLOORS
 RIFT VALLEYS
 RILLS
 GS VALLEYS
 . COACHELLA VALLEY (CA)
 . DEATH VALLEY (CA)
 . IMPERIAL VALLEY (CA)
 . MAGDALENA-CAUCA VALLEY
 (COLOMBIA)
 . PALO VERDE VALLEY (CA)
 . POTOMAC RIVER VALLEY (MD-VA-WV)
 . SACRAMENTO VALLEY (CA)
 . SAN JOAQUIN VALLEY (CA)
 . SHENANDOAH VALLEY (VA)
 . ST LAWRENCE VALLEY (NORTH
 AMERICA)
 . TENNESSEE VALLEY (AL-KY-TN)
 RT CANYONS
 DELAWARE RIVER BASIN (US)
 EROSION
 MEANDERS
 MISSOURI RIVER (US)
 RAVINES
 RIVERS
 STRUCTURAL BASINS
 SUSQUEHANNA RIVER BASIN
 (MD-NY-PA)
 TOPOGRAPHY
 WADIS
 WATERSHEDS

VALSALVA EXERCISE

UF VALSALVA MANEUVER
 RT RESPIRATION

VALSALVA MANEUVER

USE VALSALVA EXERCISE

VALUE

GS VALUE
 . O VALUES
 RT AMOUNT
 ASSESSMENTS
 COSTS
 DAMAGE ASSESSMENT
 ESTIMATES
 ESTIMATING
 EVALUATION
 FIGURE OF MERIT
 LEVEL (QUANTITY)
 NORMS
 RANKING
 TECHNOLOGY ASSESSMENT

VALUE ENGINEERING

RT COST ANALYSIS
 COST ESTIMATES
 COST INCENTIVES
 COST REDUCTION
 DESIGN ANALYSIS
 ECONOMIC ANALYSIS
 ∞ ENGINEERING
 INCENTIVE TECHNIQUES
 LIFE CYCLE COSTS
 MANAGEMENT PLANNING
 QUALITY CONTROL
 RELIABILITY ENGINEERING
 STANDARDS

VALVES

UF HYDRAULIC VALVES
 GS VALVES
 . ARTIFICIAL HEART VALVES
 . AUTOMATIC CONTROL VALVES
 . . PRESSURE REGULATORS
 . . RELIEF VALVES
 . BUTTERFLY VALVES
 . . DAMPERS (VALVES)
 . COCKS
 . CONTROL VALVES
 . FUEL VALVES
 . GAS VALVES
 . HEART VALVES
 . SOLENOID VALVES
 RT BALLS
 CHOKES (RESTRICTIONS)
 CLOSURES
 DIVERTERS
 ENGINE PARTS
 HYDRAULIC EQUIPMENT
 PACKINGS (SEALS)
 PNEUMATIC CIRCUITS
 PNEUMATIC EQUIPMENT
 SEALS (STOPPERS)

VAMPIRE AIRCRAFT

VALVES-(CONT.)

TRAPS
WATER HAMMER

VAMPIRE AIRCRAFT

USE DH 115 AIRCRAFT

VAMPIRE MK 35 AIRCRAFT

GS ATTACK AIRCRAFT
. FIGHTER AIRCRAFT
. . . VAMPIRE MK 35 AIRCRAFT
HAWKER SIDDELEY AIRCRAFT
. VAMPIRE MK 35 AIRCRAFT
JET AIRCRAFT
. VAMPIRE MK 35 AIRCRAFT
RT BOMBER AIRCRAFT
HARRIER AIRCRAFT

VAN ALLEN RADIATION BELTS

USE RADIATION BELTS

VAN BIESBROECK STAR

GS CELESTIAL BODIES
. STARS
. . . VAN BIESBROECK STAR

VAN DE GRAAFF ACCELERATORS

GS PARTICLE ACCELERATORS
. VAN DE GRAAFF ACCELERATORS
RT ∞ ACCELERATORS
ELECTRON ACCELERATORS

VAN DER WAAL FORCES

RT DIPOLE MOMENTS
∞ FORCE
INTERATOMIC FORCES
INTERMOLECULAR FORCES

VAN SLYKE METHOD

GS CHEMICAL TESTS
. CHEMICAL ANALYSIS
. . . GAS ANALYSIS
. . . VAN SLYKE METHOD
. . . QUANTITATIVE ANALYSIS
. . . VAN SLYKE METHOD

VANADATES

GS VANADIUM COMPOUNDS
. VANADATES
RT METAL OXIDES
VANADIUM OXIDES

VANADIUM

GS CHEMICAL ELEMENTS
. VANADIUM
. . . VANADIUM ISOTOPES
METALS
. TRANSITION METALS
. . . VANADIUM
. . . VANADIUM ISOTOPES

VANADIUM ALLOYS

GS ALLOYS
. VANADIUM ALLOYS

VANADIUM CARBIDES

GS CARBON COMPOUNDS
. CARBIDES
. . . VANADIUM CARBIDES
VANADIUM COMPOUNDS
. VANADIUM CARBIDES

VANADIUM COMPOUNDS

GS VANADIUM COMPOUNDS
. CALCIUM VANADATES
. VANADATES
. VANADIUM CARBIDES
. VANADIUM OXIDES
. VANADYL COMPOUNDS
RT ∞ GROUP 5B COMPOUNDS
∞ METAL COMPOUNDS

VANADIUM ISOTOPES

GS CHEMICAL ELEMENTS
. NUCLIDES
. . . ISOTOPES
. . . VANADIUM ISOTOPES
. VANADIUM
. . . VANADIUM ISOTOPES
METALS
. TRANSITION METALS
. . . VANADIUM
. . . VANADIUM ISOTOPES

VANADIUM OXIDES

GS CHALCOGENIDES
. OXIDES
. . . METAL OXIDES
. . . VANADIUM OXIDES
VANADIUM COMPOUNDS
. VANADIUM OXIDES
RT VANADATES

VANADYL COMPOUNDS

GS VANADIUM COMPOUNDS
. VANADYL COMPOUNDS

VANADYL RADICAL

GS IONS
. CATIONS
. . . METAL IONS
. . . VANADYL RADICAL
RADICALS
. VANADYL RADICAL

VANELESS DIFFUSERS

RT COMPRESSORS
∞ DIFFUSERS
EXHAUST DIFFUSERS
PUMPS
SUPERSONIC DIFFUSERS

VANES

GS VANES
. GUIDE VANES
. . . JET VANES
. WIND VANES
RT AIRFOILS
∞ BLADES
COMPRESSOR BLADES
CONTROL SURFACES
FINS
IMPELLERS
NOSE FINS
STATOR BLADES
TAIL ASSEMBLIES
TURBOMACHINE BLADES
WINDPOWER UTILIZATION
WINDPOWERED GENERATORS
WINDPOWERED PUMPS

VANGUARD PROJECT

GS PROGRAMS
. NASA PROGRAMS
. . . VANGUARD PROJECT
. PROJECTS
. . . VANGUARD PROJECT
RT X-405 ENGINE

VANGUARD SATELLITES

GS SATELLITES
. ARTIFICIAL SATELLITES
. . . VANGUARD SATELLITES
. . . VANGUARD 1 SATELLITE
. . . VANGUARD 2 SATELLITE
. . . VANGUARD 3 SATELLITE
. EARTH SATELLITES
. . . VANGUARD SATELLITES
. . . VANGUARD 1 SATELLITE
. . . VANGUARD 2 SATELLITE
. . . VANGUARD 3 SATELLITE
RT GEODETIC SATELLITES
GEOPHYSICAL SATELLITES
INTERNATIONAL GEOPHYSICAL YEAR
METEOROLOGICAL SATELLITES

VANGUARD 1 SATELLITE

GS SATELLITES
. ARTIFICIAL SATELLITES
. . . GEODETIC SATELLITES
. . . VANGUARD 1 SATELLITE
. . . VANGUARD SATELLITES
. . . VANGUARD 1 SATELLITE
. EARTH SATELLITES
. . . GEODETIC SATELLITES
. . . VANGUARD 1 SATELLITE
. . . VANGUARD SATELLITES
. . . VANGUARD 1 SATELLITE
UNMANNED SPACECRAFT
GEODETIC SATELLITES
. VANGUARD 1 SATELLITE

VANGUARD 2 LAUNCH VEHICLE

GS LAUNCH VEHICLES
. VANGUARD 2 LAUNCH VEHICLE
ROCKET VEHICLES
. MULTISTAGE ROCKET VEHICLES
. . . VANGUARD 2 LAUNCH VEHICLE
RT LIQUID PROPELLANT ROCKET ENGINES

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VANGUARD 2 LAUNCH VEHICLE-(CONT.)

SOLID PROPELLANT ROCKET ENGINES
VIKING ROCKET VEHICLE
X-248 ENGINE

VANGUARD 2 SATELLITE

GS SATELLITES
. ARTIFICIAL SATELLITES
. . . METEOROLOGICAL SATELLITES
. . . VANGUARD 2 SATELLITE
. . . VANGUARD SATELLITES
. . . VANGUARD 2 SATELLITE
. EARTH SATELLITES
. . . METEOROLOGICAL SATELLITES
. . . VANGUARD 2 SATELLITE
. . . VANGUARD SATELLITES
. . . VANGUARD 2 SATELLITE

VANGUARD 3 SATELLITE

GS SATELLITES
. ARTIFICIAL SATELLITES
. . . GEOPHYSICAL SATELLITES
. . . VANGUARD 3 SATELLITE
. . . VANGUARD SATELLITES
. . . VANGUARD 3 SATELLITE
. EARTH SATELLITES
. . . GEOPHYSICAL SATELLITES
. . . VANGUARD 3 SATELLITE
. . . VANGUARD SATELLITES
. . . VANGUARD 3 SATELLITE

VANS

USE TRUCKS

VAPOR BARRIER CLOTHING

GS CLOTHING
. PROTECTIVE CLOTHING
. . . VAPOR BARRIER CLOTHING
RT LIFE SUPPORT SYSTEMS
TEXTILES

VAPOR DEPOSITION

GS DEPOSITION
. VAPOR DEPOSITION
. . . VACUUM DEPOSITION
RT COATING
COATINGS
CRYSTAL GROWTH
ELECTROLESS DEPOSITION
METAL VAPORS
METALLIZING
ULTRAPURE METALS
VAPORIZERS
VAPORIZING

VAPOR GENERATORS

USE VAPORIZERS

VAPOR JETS

GS FLUID JETS
. VAPOR JETS
RT AIR JETS
GAS FLOW
JET FLOW
PLASMA JETS

VAPOR LIQUID EQUILIBRIUM

USE LIQUID-VAPOR EQUILIBRIUM

VAPOR PHASE EPITAXY

GS GROWTH
. CRYSTAL GROWTH
. . . EPITAXY
. . . VAPOR PHASE EPITAXY
RT CRYSTAL STRUCTURE
LIQUID PHASE EPITAXY
LIQUID PHASES

VAPOR PHASES

UF GAS PHASES
RT ASSOCIATION REACTIONS
CRITICAL PRESSURE
GAS-METAL INTERACTIONS
GAS-SOLID INTERFACES
GASES
HYDROGEN CLOUDS
LIQUID PHASES
LIQUID-GAS MIXTURES
LIQUID-VAPOR INTERFACES
LIQUIDS
METAL-GAS SYSTEMS
PHASE DIAGRAMS
∞ PHASES
PREVAPORIZATION

VAPOR PHASES-(CONT.)

SOLIDS
 SUPERCRITICAL PRESSURES
 VAPORS
 VOLATILITY

VAPOR PRESSURE

GS PRESSURE
 . VAPOR PRESSURE
 THERMODYNAMIC PROPERTIES
 . THERMOPHYSICAL PROPERTIES
 . VAPOR PRESSURE
 RT DALTON LAW
 FLASH POINT
 FUEL TANK PRESSURIZATION
 HENRY LAW
 HUMIDITY
 INTERFACIAL TENSION
 ISOTENISCOPES
 LIQUID-GAS MIXTURES
 LIQUID-VAPOR INTERFACES
 PARTIAL PRESSURE
 RAOULT LAW
 SUBLIMATION
 SUPERCRITICAL PRESSURES
 VOLATILITY

VAPOR TRAILS

USE CONTRAILS

VAPOR TRAPS

GS TRAPS
 . VAPOR TRAPS
 RT COLD TRAPS
 GETTERS
 ION TRAPS (INSTRUMENTATION)

VAPORIZATION HEAT

USE HEAT OF VAPORIZATION

VAPORIZERS

UF VAPOR GENERATORS
 GS HEATING EQUIPMENT
 . VAPORIZERS
 . EVAPORATORS
 RT BOILERS
 CAVITY VAPOR GENERATORS
 COLLOIDAL GENERATORS
 COLUMNS (PROCESS ENGINEERING)
 CONDENSERS (LIQUIFIERS)
 GAS GENERATORS
 ∞ GENERATORS
 ∞ HEATERS
 SEPARATORS
 SPRAYERS
 VAPOR DEPOSITION
 VAPORIZING
 VAPORS

VAPORIZING

UF VOLATILIZATION
 GS PHASE TRANSFORMATIONS
 . VAPORIZING
 . BOILING
 . . FILM BOILING
 . . NUCLEATE BOILING
 . . LEIDENFROST PHENOMENON
 . EVAPORATION
 . . EVAPOTRANSPIRATION
 . . PROPELLANT EVAPORATION
 . . TRANSPIRATION
 . . FLASHING (VAPORIZING)
 . . PREVAPORIZATION
 . . SUBLIMATION
 RT ABLATION
 CONCENTRATING
 DESALINIZATION
 DISTILLATION
 EVOLUTION (LIBERATION)
 HEAT OF VAPORIZATION
 HEATING
 ∞ SEPARATION
 SPRAYING
 STRIPPING (DISTILLATION)
 SURFACE REACTIONS
 VAPOR DEPOSITION
 VAPORIZERS
 VAPORS
 VOLATILITY

VAPORS

GS VAPORS
 . CESIUM VAPOR
 . METAL VAPORS
 . . MERCURY VAPOR

VAPORS-(CONT.)

. . SODIUM VAPOR
 . WATER VAPOR
 RT CAVITY VAPOR GENERATORS
 COMBUSTION PRODUCTS
 CONDENSATES
 EXHAUST GASES
 FUMES
 GASES
 HAZE DETECTION
 HYDROGEN CLOUDS
 LIQUID-VAPOR EQUILIBRIUM
 PREVAPORIZATION
 SMOKE
 VAPOR PHASES
 VAPORIZERS
 VAPORIZING

VARACTOR DIODE CIRCUITS

GS CIRCUITS
 . VARACTOR DIODE CIRCUITS
 RT DIODES

VARACTOR DIODES

UF VARACTORS
 GS ELECTRONIC EQUIPMENT
 . DIODES
 . . SEMICONDUCTOR DIODES
 . . . VARACTOR DIODES
 . . . SOLID STATE DEVICES
 . . SEMICONDUCTOR DEVICES
 . . . VARACTOR DIODES
 RT JUNCTION DIODES
 PARAMETRIC DIODES
 VARISTORS

VARACTORS

USE VARACTOR DIODES

VARIABILITY

RT CONSISTENCY
 CONTINUITY
 CONVERGENCE
 CORRELATION
 COVARIANCE
 ∞ DISPERSION
 ECCENTRICITY
 ∞ EQUILIBRIUM
 FACTOR ANALYSIS
 HETEROGENEITY
 LINEARITY
 NONLINEARITY
 PERIODIC VARIATIONS
 QUALITY
 QUALITY CONTROL
 RANGE (EXTREMES)
 REGRESSION ANALYSIS
 RELIABILITY
 SAMPLING
 STABILITY
 STANDARD DEVIATION
 STANDARDIZATION
 VALIDITY
 ∞ VARIABLE
 VARIANCE (STATISTICS)

∞ VARIABLE

SN *(USE OF A MORE SPECIFIC TERM IS
 RECOMMENDED--CONSULT THE TERMS
 LISTED BELOW)*
 UF FACTORS
 RT COMPLEX VARIABLES
 DEPENDENT VARIABLES
 FORM FACTORS
 INDEPENDENT VARIABLES
 LATIN SQUARE METHOD
 RACE FACTORS
 RANDOM VARIABLES
 REAL VARIABLES
 SOCIAL FACTORS
 VARIABILITY

VARIABLE AREA WINGS

USE TRAILING-EDGE FLAPS

VARIABLE CYCLE ENGINES

UF VCE
 GS AIRCRAFT ENGINES
 . VARIABLE CYCLE ENGINES
 ENGINES
 . VARIABLE CYCLE ENGINES
 RT COAXIAL NOZZLES
 SUPERSONIC AIRCRAFT
 VARIABLE STREAM CONTROL ENGINES

VARIABLE GEOMETRY STRUCTURES

RT EXPANDABLE STRUCTURES
 FOLDING STRUCTURES
 INFLATABLE STRUCTURES
 ∞ STRUCTURES

VARIABLE LIFT

USE LIFT

VARIABLE MASS SYSTEMS

GS KINETICS
 . VARIABLE MASS SYSTEMS
 RT EQUATIONS OF MOTION
 ∞ MASS BALANCE
 MASS DISTRIBUTION
 ∞ SYSTEMS

VARIABLE PITCH PROPELLERS

UF CONSTANT SPEED PROPELLERS
 GS PROPELLERS
 . VARIABLE PITCH PROPELLERS
 RT HELICOPTER PROPELLER DRIVE
 PITCH (INCLINATION)

VARIABLE STARS

GS CELESTIAL BODIES
 . STARS
 . . VARIABLE STARS
 . . . CEPHEID VARIABLES
 . . . NOVAE
 . . . DWARF NOVAE
 . . . HERCULES NOVA
 . . . SUPERNOVAE
 . . . T TAURI STARS
 RT BINARY STARS
 COMPANION STARS
 ECLIPSING BINARY STARS
 FLARE STARS
 LAMBDA TAURI STARS
 OMICRON CETI STAR
 PERIODIC VARIATIONS
 SOLAR OSCILLATIONS
 STELLAR MASS
 STELLAR MASS EJECTION
 STELLAR OSCILLATIONS

VARIABLE STREAM CONTROL ENGINES

GS AIRCRAFT ENGINES
 . VARIABLE STREAM CONTROL
 ENGINES
 ENGINES
 . VARIABLE STREAM CONTROL
 ENGINES
 RT ENGINE CONTROL
 SUPERSONIC AIRCRAFT
 SUPERSONIC NOZZLES
 VARIABLE CYCLE ENGINES

VARIABLE SWEEP WINGS

UF M WINGS
 OGEE WINGS
 W WINGS
 GS AIRFOILS
 . WINGS
 . . VARIABLE SWEEP WINGS
 PLANFORMS
 . WING PLANFORMS
 . . VARIABLE SWEEP WINGS
 RT ARROW WINGS
 BOEING 733 AIRCRAFT
 DELTA WINGS
 F-111 AIRCRAFT
 FOLDING STRUCTURES
 OGEE SHAPE
 PANAVIA MILITARY AIRCRAFT
 SWEPT FORWARD WINGS
 SWEPTBACK WINGS

VARIABLE THRUST

GS THRUST
 . VARIABLE THRUST
 RT CONTROL ROCKETS
 HIGH THRUST
 JET CONTROL
 JET THRUST
 LOW THRUST
 LOW THRUST PROPULSION
 MICROTHRUST
 ROCKET THRUST
 THROTTLING
 THRUST AUGMENTATION
 THRUST CONTROL
 THRUST TERMINATION
 THRUST VECTOR CONTROL

VARIANCE

∞ VARIANCE

SN *(USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)*
RT ANALYSIS OF VARIANCE
DEGREES OF FREEDOM
MULTIVARIATE STATISTICAL ANALYSIS
VARIANCE (STATISTICS)

VARIANCE (STATISTICS)

GS STATISTICAL ANALYSIS
. VARIANCE (STATISTICS)
. ANALYSIS OF VARIANCE
. MULTIVARIATE STATISTICAL
ANALYSIS
. . . BIVARIATE ANALYSIS
. . . COVARIANCE
. . . REGRESSION ANALYSIS
RT CONFIDENCE LIMITS
CORRELATION
DISTRIBUTION MOMENTS
EXPERIMENTAL DESIGN
FACTOR ANALYSIS
GAUSS-MARKOV THEOREM
GOODNESS OF FIT
HETEROGENEITY
HOMOGENEITY
KRIGING
MEAN
MOMENTS
QUALITY CONTROL
RANGE (EXTREMES)
STANDARD DEVIATION
VARIABILITY
∞ VARIANCE

VARIATION METHOD

USE CALCULUS OF VARIATIONS

VARIATIONAL PRINCIPLES

RT CALCULUS OF VARIATIONS
∞ DYNAMICS
EQUILIBRIUM METHODS
IRREVERSIBLE PROCESSES
ONSAGER PHENOMENOLOGICAL
COEFFICIENT
RAYLEIGH-RITZ METHOD

VARIATIONS

UF FLUCTUATION
GS VARIATIONS
. ALTERNATIONS
. MAGNETIC VARIATIONS
. . . GEOMAGNETIC PULSATIONS
. . . GEOMAGNETIC MICROPULSATIONS
. . . NOCTURNAL VARIATIONS
. PERIODIC VARIATIONS
. . . ANNUAL VARIATIONS
. . . DIURNAL VARIATIONS
. . . NOCTURNAL VARIATIONS
. . . SECULAR VARIATIONS
. TWENTY-SEVEN DAY VARIATION
. WIND VARIATIONS
RT ALTERNATIVES
ASYMMETRY
DEFLECTION
DEVIATION
DIFFERENCES
DISPLACEMENT
DISTORTION
DIVERGENCE
ECCENTRICITY
GRADIENTS
MICROPULSATIONS
PERTURBATION
REVISIONS
SUBSTITUTES
SURGES

VARIOMETERS

UF MAGNETOVARIOGRAPHS
GS MEASURING INSTRUMENTS
. MAGNETOMETERS
. . . VARIOMETERS
RT GEOMAGNETISM

VARISTORS

GS ELECTRONIC EQUIPMENT
. SOLID STATE DEVICES
. . . SEMICONDUCTOR DEVICES
. . . . VARISTORS
RT RESISTORS
THERMISTORS
VARACTOR DIODES

VARNISHES

RT FILLERS
FINISHES
PAINTS
PRIMERS (COATINGS)
PROTECTIVE COATINGS
SEALERS
SPRAYED COATINGS

VASCULAR SYSTEM

GS ANATOMY
. CIRCULATORY SYSTEM
. . . VASCULAR SYSTEM
. . . BLOOD VESSELS
. . . . ARTERIES
. . . . AORTA
. . . . CAPILLARIES (ANATOMY)
. . . . GLOMERULUS
. . . . VEINS
RT BLOOD CIRCULATION
CARDIOVASCULAR SYSTEM
CAROTID SINUS BODY
CAROTID SINUS REFLEX

VASOCONSTRICTION

RT BLOOD VESSELS
BODY TEMPERATURE
COLD TOLERANCE
ISCHEMIA
REFLEXES
SNEEZING

VASOCONSTRICTOR DRUGS

UF PRESSORS
GS DRUGS
. VASOCONSTRICTOR DRUGS
. . . HYPERTENSIN
RT PHARMACOLOGY

VASODILATION

RT BLOOD VESSELS
BODY TEMPERATURE
CONGESTION
REFLEXES

VASOMOTOR NERVOUS SYSTEM

USE NERVOUS SYSTEM

VATICAN CITY

GS CITIES
. VATICAN CITY
RT EUROPE
ITALY

VATOL AIRCRAFT

UF VERTICAL ATTITUDE TAKEOFF-LANDING
AIRCRAFT
XBQM-180A AIRCRAFT
RT ∞ AIRCRAFT
DELTA WINGS
REMOTELY PILOTED VEHICLES
VERTICAL LANDING
VERTICAL TAKEOFF AIRCRAFT

VAX-11 SERIES COMPUTERS

GS DATA PROCESSING EQUIPMENT
. COMPUTERS
. . . DIGITAL COMPUTERS
. . . . VAX-11 SERIES COMPUTERS
. . . . VAX-11/780 COMPUTER

VAX-11/780 COMPUTER

GS DATA PROCESSING EQUIPMENT
. COMPUTERS
. . . DIGITAL COMPUTERS
. . . . VAX-11 SERIES COMPUTERS
. . . . VAX-11/780 COMPUTER

VC-10 AIRCRAFT

UF VICKERS VC-10 AIRCRAFT
VICKERS 1100 AIRCRAFT
GS BAC AIRCRAFT
. VC-10 AIRCRAFT
COMMERCIAL AIRCRAFT
. VC-10 AIRCRAFT
JET AIRCRAFT
. VC-10 AIRCRAFT
MONOPLANES
. VC-10 AIRCRAFT
PASSENGER AIRCRAFT
. VC-10 AIRCRAFT
TRANSPORT AIRCRAFT
. VC-10 AIRCRAFT
RT CARGO AIRCRAFT

NASA THESAURUS (VOLUME 1)

VCE

USE VARIABLE CYCLE ENGINES

VECTOR ANALYSIS

GS ANALYSIS (MATHEMATICS)
. CALCULUS
. . . VECTOR ANALYSIS
. . . COLLINEARITY
. . . COPLANARITY
. . . CURL (VECTORS)
. . . VORTICITY
. REAL VARIABLES
. . . VECTOR ANALYSIS
. . . COLLINEARITY
. . . COPLANARITY
. . . CURL (VECTORS)
. . . VORTICITY
GEOMETRY
. VECTOR ANALYSIS
. . . COLLINEARITY
. . . COPLANARITY
. . . CURL (VECTORS)
. . . VORTICITY
RT DIFFERENTIAL EQUATIONS
EULER-Cauchy EQUATIONS
GRADIENTS
POYNTING THEOREM
RESULTANTS
STABILITY DERIVATIVES

VECTOR CALCULUS

USE VECTOR SPACES

VECTOR CONTROL

USE DIRECTIONAL CONTROL

VECTOR CURRENTS

RT CURRENT ALGEBRA
PARITY
RADIOACTIVE DECAY
SUPERCONDUCTIVITY

VECTOR DOMINANCE MODEL

GS MODELS
. VECTOR DOMINANCE MODEL
RT HADRONS
HIGH ENERGY INTERACTIONS
NUCLEONS
PHOTONEUTRONS
PHOTOPRODUCTION

VECTOR MESONS

GS PARTICLES
. ELEMENTARY PARTICLES
. . . BOSONS
. . . MESONS
. . . . VECTOR MESONS
. . . . RHO-MESONS
. . . . SIGMA-MESONS
. . . HADRONS
. . . MESONS
. . . . VECTOR MESONS
. . . . RHO-MESONS
. . . . SIGMA-MESONS
. NUCLEAR PARTICLES
. . . BOSONS
. . . MESONS
. . . . VECTOR MESONS
. . . . RHO-MESONS
. . . . SIGMA-MESONS

VECTOR SPACES

UF GRASSMANN ALGEBRA
VECTOR CALCULUS
GS ALGEBRA
. VECTOR SPACES
. . . HILBERT SPACE
. . . BANACH SPACE
. . . MATRICES (MATHEMATICS)
. . . ADJOINTS
. . . CANONICAL FORMS
. . . EIGENVALUES
. . . EIGENVECTORS
. . . JORDAN FORM
. . . STIFFNESS MATRIX
. STOKES THEOREM (VECTOR
CALCULUS)
. . . U SPIN SPACE
. . . VECTORS (MATHEMATICS)
. . . EIGENVECTORS
. . . STATE VECTORS
. . . VORTICITY
RT ANALYSIS (MATHEMATICS)
CHAPLYGIN EQUATION
HERMITIAN POLYNOMIAL

VECTOR SPACES-(CONT.)

HODOGRAPHS
KAKUTANI THEOREM
LINEAR TRANSFORMATIONS

VECTOCARDIOGRAPHY

GS BIOENGINEERING
BIOMETRICS
CARDIOGRAPHY
VECTOCARDIOGRAPHY
RT ELECTROCARDIOGRAPHY
PHONOCARDIOGRAPHY

VECTORS (MATHEMATICS)

GS ALGEBRA
VECTOR SPACES
VECTORS (MATHEMATICS)
EIGENVECTORS
STATE VECTORS
VORTICITY
RT DYADICS
FUNCTION SPACE
SCHWARTZ INEQUALITY

VEGA LAUNCH VEHICLE

UF VEGA ROCKET VEHICLE
GS LAUNCH VEHICLES
VEGA LAUNCH VEHICLE
ROCKET VEHICLES
MULTISTAGE ROCKET VEHICLES
VEGA LAUNCH VEHICLE
RT ATLAS D ICBM
LIQUID PROPELLANT ROCKET ENGINES

VEGA ROCKET VEHICLE

USE VEGA LAUNCH VEHICLE

VEGARD-KAPLAN BANDS

GS SPECTRA
SPECTRAL BANDS
VEGARD-KAPLAN BANDS
RT EMISSION SPECTRA
MOLECULAR SPECTRA
NITROGEN

VEGETABLES

GS VEGETABLES
POTATOES
SPINACH
RT ANGIOSPERMS
FOOD
LEGUMINOUS PLANTS
PLANTING
SEEDS

VEGETATION

GS VEGETATION
CANOPIES (VEGETATION)
RT BIOCONVERSION
BIOMASS ENERGY PRODUCTION
EARTH RESOURCES
LOCUSTS
OASES
PLANTS (BOTANY)
RAIN FORESTS
RESOURCES
SEA GRASSES
TREES (PLANTS)

VEGETATION GROWTH

GS GROWTH
VEGETATION GROWTH
RT AGRICULTURE
BIOCHEMISTRY
BOTANY
CROP VIGOR
ECOLOGY
FERTILIZERS
HYDROPONICS
IRRIGATION
PLANT ROOTS
PLANT STRESS
SOIL MOISTURE
SOIL SCIENCE
SOILS

VEHICLE WHEELS

GS WHEELS
VEHICLE WHEELS
NOSE WHEELS
RT AIRCRAFT TIRES
BRAKES (FOR ARRESTING MOTION)
LANDING GEAR
MECHANICAL DRIVES

VEHICLE WHEELS-(CONT.)

ROLLERS
SHAFTS (MACHINE ELEMENTS)
SUSPENSION SYSTEMS (VEHICLES)
TIRES
TOROIDAL WHEELS
TRANSMISSIONS (MACHINE ELEMENTS)
WHEEL BRAKES

VEHICLES

SN (USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)
UF CRAFT
RT ROTATING VEHICLES
AMPHIBIOUS VEHICLES
ARCON ROCKET VEHICLE
AUTOMATED GUIDEWAY TRANSIT
VEHICLES
AUTOMATED MIXED TRAFFIC VEHICLES
AUTOMOBILES
CAPTURED AIR BUBBLE VEHICLES
CRAWLER TRACTORS
ELECTRIC HYBRID VEHICLES
ELECTRIC MOTOR VEHICLES
ENGINES
GROUND EFFECT MACHINES
HEAVY LIFT LAUNCH VEHICLES
HYPERSONIC VEHICLES
LAUNCH VEHICLES
LUNAR ROVING VEHICLES
LUNOKHOD LUNAR ROVING VEHICLES
MAGNETIC LEVITATION VEHICLES
MISSILES
MOTOR VEHICLES
NIKE-HYDAC ROCKET VEHICLE
NIKE-IRROQUOIS ROCKET VEHICLE
ORBIT TRANSFER VEHICLES
REENTRY VEHICLES
REMOTELY PILOTED VEHICLES
RESEARCH VEHICLES
ROCKET VEHICLES
ROVING VEHICLES
SURFACE EFFECT SHIPS
SURFACE VEHICLES
SWATH (SHIP)
TERMINAL CONFIGURED VEHICLE
PROGRAM
TEST VEHICLES
TRACTORS
TRANSPORTER
UNIDENTIFIED FLYING OBJECTS
WATER VEHICLES

VEHICULAR TRACKS

RT IDLERS
SURFACE VEHICLES
SUSPENSION SYSTEMS (VEHICLES)
TRACKED VEHICLES
TRACKS
TREADS

VEINS

GS ANATOMY
CARDIOVASCULAR SYSTEM
BLOOD VESSELS
VEINS
CIRCULATORY SYSTEM
VASCULAR SYSTEM
BLOOD VESSELS
VEINS
RT ARTERIES
BIFURCATION (BIOLOGY)
TRANSFUSION

VELA SATELLITES

GS MILITARY SPACECRAFT
VELA SATELLITES
SATELLITES
ARTIFICIAL SATELLITES
VELA SATELLITES
EARTH SATELLITES
VELA SATELLITES
RT FISHBOWL OPERATION
HIGH ALTITUDE NUCLEAR DETECTION
HIGH ALTITUDE TESTS
NUCLEAR EXPLOSIONS
NUCLEAR RADIATION
POST-BLAST NUCLEAR RADIATION
RADIATION DETECTORS
RADIATION MEASURING INSTRUMENTS
SATELLITE OBSERVATION

VELOCITY

UF SPEED

VELOCITY-(CONT.)

GS VELOCITY
ACOUSTIC VELOCITY
AIRSPEED
ANGULAR VELOCITY
CRITICAL VELOCITY
ESCAPE VELOCITY
EXHAUST VELOCITY
FLOW VELOCITY
SOLAR WIND VELOCITY
GROUND SPEED
GROUP VELOCITY
HIGH SPEED
HYPERSONIC SPEED
LANDING SPEED
LIGHT SPEED
LOW SPEED
ORBITAL VELOCITY
PHASE VELOCITY
PROPAGATION VELOCITY
RADIAL VELOCITY
RELATIVISTIC VELOCITY
ROTOR SPEED
SOLAR VELOCITY
SUBSONIC SPEED
SUPERSONIC SPEEDS
TERMINAL VELOCITY
TIP SPEED
TRANSONIC SPEED
WIND VELOCITY
SOLAR WIND VELOCITY
RT ACCELERATION (PHYSICS)
BODY KINEMATICS
DE BROGLIE WAVELENGTHS
DYNAMICS
FERMAT PRINCIPLE
KINEMATICS
KINETICS
LOADING RATE
MOTION
PERCEPTUAL TIME CONSTANT
PRESSURE MEASUREMENT
RELATIVISTIC EFFECTS
SOLITARY WAVES
TIME MEASUREMENT
VELOCITY COUPLING
RT BURNING RATE
COMBUSTION STABILITY
PROPELLANT COMBUSTION
VELOCITY DISTRIBUTION
UF VELOCITY FIELDS
VELOCITY PROFILES
GS DISTRIBUTION (PROPERTY)
VELOCITY DISTRIBUTION
RT FLOW DISTRIBUTION
FLOW VELOCITY
GALACTIC ROTATION
ORR-SOMMERFELD EQUATIONS
POHLHAUSEN METHOD
PRESSURE DISTRIBUTION
SHOCK WAVE PROFILES
THREE DIMENSIONAL BOUNDARY LAYER

VELOCITY ERRORS

GS ERRORS
VELOCITY ERRORS
RT ESCAPE VELOCITY
ORBITAL VELOCITY
POSITION ERRORS

VELOCITY FIELDS

USE VELOCITY DISTRIBUTION

VELOCITY MEASUREMENT

UF ANEMOMETRY
GS MECHANICAL MEASUREMENT
VELOCITY MEASUREMENT
WIND VELOCITY MEASUREMENT
RT ACCELEROMETERS
ANEMOMETERS
DRAG FORCE ANEMOMETERS
FLOW MEASUREMENT
FLOW VELOCITY
FLOWMETERS
HOT-FILM ANEMOMETERS
HOT-WIRE ANEMOMETERS
HUBBLE CONSTANT
HUBBLE DIAGRAM
LASER DOPPLER VELOCIMETERS
MEASUREMENT
PITOT TUBES
PRESSURE MEASUREMENT
RADIAL VELOCITY

VELOCITY MODULATION

VELOCITY MEASUREMENT-(CONT.)

SOLAR WIND VELOCITY
SPEED INDICATORS
STROBOSCOPES
TACHOMETERS
TIME MEASUREMENT
VENTURI TUBES

VELOCITY MODULATION

GS MODULATION
RT VELOCITY MODULATION
BUNCHING
CAVITY RESONATORS
ELECTRON BUNCHING
ELECTRON TUBES

VELOCITY PROFILES

USE VELOCITY DISTRIBUTION

VEENEERS

RT COATINGS
FINISHES
LAMINATES
MASONRY

VENERA SATELLITES

GS INTERPLANETARY SPACECRAFT
VENUS PROBES
VENERA SATELLITES
VENERA 2 SATELLITE
VENERA 3 SATELLITE
VENERA 8 SATELLITE
VENERA 9 SATELLITE
VENERA 10 SATELLITE
VENERA 11 SATELLITE
VENERA 12 SATELLITE
SATELLITES
ARTIFICIAL SATELLITES
VENERA SATELLITES
VENERA 5 SATELLITE
VENERA 6 SATELLITE
VENERA 7 SATELLITE
VENERA 8 SATELLITE
VENERA 9 SATELLITE
VENERA 10 SATELLITE
VENERA 11 SATELLITE
VENERA 12 SATELLITE
EARTH SATELLITES
VENERA SATELLITES
VENERA 4 SATELLITE
VENERA 5 SATELLITE
VENERA 6 SATELLITE
VENERA 7 SATELLITE
VENERA 8 SATELLITE
VENERA 9 SATELLITE
VENERA 11 SATELLITE
VENERA 12 SATELLITE
SOVIET SPACECRAFT
VENERA SATELLITES
VENERA 9 SATELLITE
VENERA 10 SATELLITE
VENERA 11 SATELLITE
VENERA 12 SATELLITE
UNMANNED SPACECRAFT
SPACE PROBES
VENUS PROBES
VENERA SATELLITES
VENERA 2 SATELLITE
VENERA 3 SATELLITE
VENERA 4 SATELLITE
VENERA 5 SATELLITE
VENERA 6 SATELLITE
VENERA 7 SATELLITE
VENERA 8 SATELLITE
VENERA 9 SATELLITE
VENERA 10 SATELLITE
VENERA 11 SATELLITE
VENERA 12 SATELLITE
RT U.S.S.R. SPACE PROGRAM

VENERA 2 SATELLITE

GS INTERPLANETARY SPACECRAFT
VENUS PROBES
VENERA SATELLITES
VENERA 2 SATELLITE
UNMANNED SPACECRAFT
SPACE PROBES
VENUS PROBES
VENERA SATELLITES
VENERA 2 SATELLITE

VENERA 3 SATELLITE

GS INTERPLANETARY SPACECRAFT
VENUS PROBES
VENERA SATELLITES

VENERA 3 SATELLITE-(CONT.)

VENERA 3 SATELLITE
UNMANNED SPACECRAFT
SPACE PROBES
VENUS PROBES
VENERA SATELLITES
VENERA 3 SATELLITE

VENERA 4 SATELLITE

GS SATELLITES
EARTH SATELLITES
VENERA SATELLITES
VENERA 4 SATELLITE
UNMANNED SPACECRAFT
SPACE PROBES
VENUS PROBES
VENERA SATELLITES
VENERA 4 SATELLITE

VENERA 5 SATELLITE

GS SATELLITES
ARTIFICIAL SATELLITES
VENERA SATELLITES
VENERA 5 SATELLITE
EARTH SATELLITES
VENERA SATELLITES
VENERA 5 SATELLITE
UNMANNED SPACECRAFT
SPACE PROBES
VENUS PROBES
VENERA SATELLITES
VENERA 5 SATELLITE

VENERA 6 SATELLITE

GS SATELLITES
ARTIFICIAL SATELLITES
VENERA SATELLITES
VENERA 6 SATELLITE
EARTH SATELLITES
VENERA SATELLITES
VENERA 6 SATELLITE
UNMANNED SPACECRAFT
SPACE PROBES
VENUS PROBES
VENERA SATELLITES
VENERA 6 SATELLITE

VENERA 7 SATELLITE

GS SATELLITES
ARTIFICIAL SATELLITES
VENERA SATELLITES
VENERA 7 SATELLITE
EARTH SATELLITES
VENERA SATELLITES
VENERA 7 SATELLITE
UNMANNED SPACECRAFT
SPACE PROBES
VENUS PROBES
VENERA SATELLITES
VENERA 7 SATELLITE

VENERA 8 SATELLITE

GS INTERPLANETARY SPACECRAFT
VENUS PROBES
VENERA SATELLITES
VENERA 8 SATELLITE
SATELLITES
ARTIFICIAL SATELLITES
VENERA SATELLITES
VENERA 8 SATELLITE
EARTH SATELLITES
VENERA SATELLITES
VENERA 8 SATELLITE
UNMANNED SPACECRAFT
SPACE PROBES
VENUS PROBES
VENERA SATELLITES
VENERA 8 SATELLITE
RT U.S.S.R. SPACE PROGRAM
VENUS (PLANET)

VENERA 9 SATELLITE

GS INTERPLANETARY SPACECRAFT
VENUS PROBES
VENERA SATELLITES
VENERA 9 SATELLITE
SATELLITES
ARTIFICIAL SATELLITES
VENERA SATELLITES
VENERA 9 SATELLITE
EARTH SATELLITES
VENERA SATELLITES
VENERA 9 SATELLITE
SOVIET SPACECRAFT
VENERA SATELLITES

VENERA 9 SATELLITE-(CONT.)

VENERA 9 SATELLITE
UNMANNED SPACECRAFT
SPACE PROBES
VENUS PROBES
VENERA SATELLITES
VENERA 9 SATELLITE

VENERA 10 SATELLITE

GS INTERPLANETARY SPACECRAFT
VENUS PROBES
VENERA SATELLITES
VENERA 10 SATELLITE
SATELLITES
ARTIFICIAL SATELLITES
VENERA SATELLITES
VENERA 10 SATELLITE
SOVIET SPACECRAFT
VENERA SATELLITES
VENERA 10 SATELLITE
UNMANNED SPACECRAFT
SPACE PROBES
VENUS PROBES
VENERA SATELLITES
VENERA 10 SATELLITE
RT U.S.S.R. SPACE PROGRAM
VENUS (PLANET)

VENERA 11 SATELLITE

GS INTERPLANETARY SPACECRAFT
VENUS PROBES
VENERA SATELLITES
VENERA 11 SATELLITE
SATELLITES
ARTIFICIAL SATELLITES
VENERA SATELLITES
VENERA 11 SATELLITE
EARTH SATELLITES
VENERA SATELLITES
VENERA 11 SATELLITE
SOVIET SPACECRAFT
VENERA SATELLITES
VENERA 11 SATELLITE
UNMANNED SPACECRAFT
SPACE PROBES
VENUS PROBES
VENERA SATELLITES
VENERA 11 SATELLITE
RT U.S.S.R. SPACE PROGRAM
VENUS (PLANET)
VENUS ATMOSPHERE
VENUS SURFACE

VENERA 12 SATELLITE

GS INTERPLANETARY SPACECRAFT
VENUS PROBES
VENERA SATELLITES
VENERA 12 SATELLITE
SATELLITES
ARTIFICIAL SATELLITES
VENERA SATELLITES
VENERA 12 SATELLITE
EARTH SATELLITES
VENERA SATELLITES
VENERA 12 SATELLITE
SOVIET SPACECRAFT
VENERA SATELLITES
VENERA 12 SATELLITE
UNMANNED SPACECRAFT
SPACE PROBES
VENUS PROBES
VENERA SATELLITES
VENERA 12 SATELLITE
RT U.S.S.R. SPACE PROGRAM
VENUS (PLANET)
VENUS ATMOSPHERE
VENUS SURFACE

VENEZIANO MODEL

GS MODELS
MATHEMATICAL MODELS
VENEZIANO MODEL
RT ELEMENTARY PARTICLE INTERACTIONS

VENEZUELA

RT NATIONS
SOUTH AMERICA

VENN DIAGRAMS

GS DIAGRAMS
VENN DIAGRAMS
RT ANALYSIS (MATHEMATICS)
GEOMETRY
MATHEMATICAL LOGIC

VENOM AIRCRAFT

USE DH 112 AIRCRAFT

VENTILATION

RT AIR CONDITIONING
AIR COOLING
AIR FILTERS
AIR FLOW
AIR INTAKES
AIR PURIFICATION
BLOWERS
COMFORT
COOLING
COOLING SYSTEMS
DRAFT (GAS FLOW)
DUCTS
ENVIRONMENTAL ENGINEERING
EXHAUST SYSTEMS
EXHAUSTING
LIFE SUPPORT SYSTEMS
REFRIGERATING
TEMPERATURE
TEMPERATURE CONTROL
TEMPERATURE DISTRIBUTION
VENTILATORS
VENTING
VENTS

VENTILATION FANS

RT BLOWERS
COOLING
COOLING SYSTEMS
DUCTED FANS
FAN BLADES
∞ FANS
VENTILATORS

VENTILATORS

RT AIR DUCTS
AIR INTAKES
BLOWERS
∞ DIFFUSERS
EXHAUST SYSTEMS
VENTILATION
VENTILATION FANS
VENTS

VENTING

RT BREATHING VIBRATION
COOLING
∞ DISCHARGE
EVACUATING (VACUUM)
EXHAUSTING
FLUSHING
PURGING
RELEASING
RELIEF VALVES
∞ SEPARATION
VENTILATION
VENTS

VENTRAL SECTIONS

RT ABDOMEN

VENTS

GS OUTLETS
∞ VENTS
RT ANNULAR DUCTS
APERTURES
CAVITIES
CHIMNEYS
COOLING SYSTEMS
DUCTS
EVACUATING (VACUUM)
EXHAUST SYSTEMS
FLUES
GATES (OPENINGS)
LOUVERS
∞ NOZZLES
OPENINGS
PORTS (OPENINGS)
RELIEF VALVES
SLOTTED WIND TUNNELS
VENTILATION
VENTILATORS
VENTING
WINDOWS (APERTURES)

VENTURI TUBES

RT ∞ DETECTORS
FLOW MEASUREMENT
FLOWMETERS
GAS METERS
MEASURING INSTRUMENTS
ORIFICES

VENTURI TUBES-(CONT.)

PITOT TUBES
PRESSURE GRADIENTS
PRESSURE MEASUREMENT
∞ TUBES
VELOCITY MEASUREMENT

VENUS (PLANET)

GS CELESTIAL BODIES
PLANETS
∞ TERRESTRIAL PLANETS
∞ VENUS (PLANET)
RT PLANETARY CRATERS
VENERA 8 SATELLITE
VENERA 10 SATELLITE
VENERA 11 SATELLITE
VENERA 12 SATELLITE

VENUS ATMOSPHERE

GS ENVIRONMENTS
EXTRATERRESTRIAL ENVIRONMENTS
PLANETARY ENVIRONMENTS
PLANETARY ATMOSPHERES
∞ VENUS ATMOSPHERE
RT AEROSPACE ENVIRONMENTS
VENERA 11 SATELLITE
VENERA 12 SATELLITE
VENUS ORBITING IMAGING RADAR (SPACECRAFT)

VENUS CLOUDS

GS CLOUDS
∞ VENUS CLOUDS
RT ATMOSPHERIC MODELS
CLOUD COVER
CLOUD PHYSICS
GREENHOUSE EFFECT

VENUS FLY TRAP ROCKET VEHICLE

GS ROCKET VEHICLES
SOUNDING ROCKETS
∞ VENUS FLY TRAP ROCKET VEHICLE
RT COSMIC DUST
EXTRATERRESTRIAL MATTER

VENUS ORBITING IMAGING RADAR (SPACECRAFT)

GS RADAR
∞ VENUS ORBITING IMAGING RADAR (SPACECRAFT)
RT SYNTHETIC APERTURE RADAR
VENUS ATMOSPHERE
VENUS PROBES
VENUS SURFACE

VENUS PROBES

GS INTERPLANETARY SPACECRAFT
∞ VENUS PROBES
∞ MARINER 1 SPACE PROBE
∞ MARINER 2 SPACE PROBE
∞ MARINER 5 SPACE PROBE
∞ PIONEER VENUS 2 SPACECRAFT
∞ PIONEER VENUS 2 TRANSPORTER BUS
∞ VENERA SATELLITES
∞ VENERA 2 SATELLITE
∞ VENERA 3 SATELLITE
∞ VENERA 8 SATELLITE
∞ VENERA 9 SATELLITE
∞ VENERA 10 SATELLITE
∞ VENERA 11 SATELLITE
∞ VENERA 12 SATELLITE
∞ ZOND 1 SPACE PROBE
∞ ZOND 3 SPACE PROBE
∞ ZOND 4 SPACE PROBE
∞ ZOND 5 SPACE PROBE
∞ ZOND 6 SPACE PROBE
∞ ZOND 7 SPACE PROBE
∞ ZOND 8 SPACE PROBE
UNMANNED SPACECRAFT
SPACE PROBES
∞ VENUS PROBES
∞ MARINER 1 SPACE PROBE
∞ MARINER 2 SPACE PROBE
∞ MARINER 5 SPACE PROBE
∞ VENERA SATELLITES
∞ VENERA 2 SATELLITE
∞ VENERA 3 SATELLITE
∞ VENERA 4 SATELLITE
∞ VENERA 5 SATELLITE
∞ VENERA 6 SATELLITE
∞ VENERA 7 SATELLITE
∞ VENERA 8 SATELLITE
∞ VENERA 9 SATELLITE
∞ VENERA 10 SATELLITE

VENUS PROBES-(CONT.)

∞ VENERA 11 SATELLITE
∞ VENERA 12 SATELLITE
∞ ZOND 1 SPACE PROBE
∞ ZOND 3 SPACE PROBE
∞ ZOND 4 SPACE PROBE
∞ ZOND 5 SPACE PROBE
∞ ZOND 6 SPACE PROBE
∞ ZOND 7 SPACE PROBE
∞ ZOND 8 SPACE PROBE
RT MARINER PROGRAM
MARINER VENUS 67 SPACECRAFT
MARS PROBES
OUTER PLANETS EXPLORERS
SPUTNIK 5 SATELLITE
SPUTNIK 8 SATELLITE
VENUS ORBITING IMAGING RADAR (SPACECRAFT)
VOYAGER PROJECT

VENUS RADAR ECHOES

GS ECHOES
RADAR ECHOES
∞ VENUS RADAR ECHOES

VENUS SURFACE

GS PLANETARY SURFACES
∞ VENUS SURFACE
RT CLOUD COVER
EXTRATERRESTRIAL ENVIRONMENTS
PLANETARY CRATERS
SOLAR SYSTEM
VENERA 11 SATELLITE
VENERA 12 SATELLITE
VENUS ORBITING IMAGING RADAR (SPACECRAFT)

VERBAL COMMUNICATION

GS COMMUNICATING
∞ VERBAL COMMUNICATION
RT ACOUSTICS
CONVERSATION
LANGUAGES
LECTURES
PHONETICS
SPEECH BASEBAND COMPRESSION
TELEPHONY
VOICE COMMUNICATION
VOICE DATA PROCESSING
WORDS (LANGUAGE)

VERIFICATION (PROVING)

USE PROVING

VERMICULITE

GS CLAYS
∞ VERMICULITE
MINERALS
∞ VERMICULITE
RT INSULATION
MICA
PACKAGING

VERMONT

GS UNITED STATES OF AMERICA
∞ VERMONT
RT LAKE CHAMPLAIN BASIN (NY-VT)
ST LAWRENCE VALLEY (NORTH AMERICA)

VERNEUIL PROCESS

GS GROWTH
CRYSTAL GROWTH
∞ VERNEUIL PROCESS
RT CZOCHRALSKI METHOD
RUBY LASERS

VERNIER ENGINES

GS ENGINES
ROCKET ENGINES
∞ VERNIER ENGINES
∞ SYNCOM APOGEE ENGINES
TORPEDO ENGINES
∞ VERNIER ENGINES
∞ CONTROL ROCKETS
∞ SYNCOM APOGEE ENGINES
∞ YLR-101-NA-13 ENGINE
∞ YLR-101-NA-15 ENGINE
RT ELECTRIC ROCKET ENGINES
ELECTROSTATIC ENGINES
HYBRID PROPELLANT ROCKET ENGINES
INTERNAL COMBUSTION ENGINES
LAUNCH VEHICLES
LIQUID PROPELLANT ROCKET ENGINES
MA-2 ENGINE

VERNINE

VERNIER ENGINES-(CONT.)

MA-3 ENGINE
MA-5 ENGINE
MICROROCKET ENGINES
RESTARTABLE ROCKET ENGINES
SOLID PROPELLANT ROCKET ENGINES
THRUST VECTOR CONTROL

VERNINE

USE GUANOSINES

VERONIQUE ROCKET VEHICLES

GS ROCKET VEHICLES
. SINGLE STAGE ROCKET VEHICLES
. VERONIQUE ROCKET VEHICLES
. VERONIQUE V-27 ROCKET VEHICLE
. VERONIQUE V-37 ROCKET VEHICLE
. SOUNDING ROCKETS
. VERONIQUE ROCKET VEHICLES
. VERONIQUE V-27 ROCKET VEHICLE
. VERONIQUE V-37 ROCKET VEHICLE
RT LIQUID PROPELLANT ROCKET ENGINES

VERONIQUE V-27 ROCKET VEHICLE

GS ROCKET VEHICLES
. SINGLE STAGE ROCKET VEHICLES
. VERONIQUE ROCKET VEHICLES
. VERONIQUE V-27 ROCKET VEHICLE
. SOUNDING ROCKETS
. VERONIQUE ROCKET VEHICLES
. VERONIQUE V-27 ROCKET VEHICLE

VERONIQUE V-37 ROCKET VEHICLE

GS ROCKET VEHICLES
. SINGLE STAGE ROCKET VEHICLES
. VERONIQUE ROCKET VEHICLES
. VERONIQUE V-37 ROCKET VEHICLE
. SOUNDING ROCKETS
. VERONIQUE ROCKET VEHICLES
. VERONIQUE V-37 ROCKET VEHICLE

VERSATILITY

RT COMPATIBILITY
FLEXIBILITY

VERSENE

GS ACIDS
. FATTY ACIDS
. CARBOXYLIC ACIDS
. ACETIC ACID
. ETHYLENEDIAMINETETRAACETIC ACIDS
. VERSENE
. ALIPHATIC COMPOUNDS
. FATTY ACIDS
. ACETIC ACID
. ETHYLENEDIAMINETETRAACETIC ACIDS
. VERSENE
. AMINES
. VERSENE
. DETERGENTS
. VERSENE
. ETHYLENE COMPOUNDS
. ETHYLENEDIAMINETETRAACETIC ACIDS
. VERSENE
. ORGANIC COMPOUNDS
. FATTY ACIDS
. ACETIC ACID
. ETHYLENEDIAMINETETRAACETIC ACIDS
. VERSENE
. SURFACTANTS
. VERSENE

VERTEBRAE

GS ANATOMY
. MUSCULOSKELETAL SYSTEM
. BONES
. VERTEBRAE
RT INTERVERTEBRAL DISKS
NECK (ANATOMY)
SPINE

VERTEBRAL COLUMN

GS ANATOMY
. MUSCULOSKELETAL SYSTEM
. VERTEBRAL COLUMN
RT BONES

VERTEBRATES

GS ANIMALS
. VERTEBRATES
. AMPHIBIA

VERTEBRATES-(CONT.)

. . . FROGS
. . . BIRDS
. . . CHICKENS
. . . PIGEONS
. . . TURKEYS
. . . WATERFOWL
. . . FISHES
. . . SCHOOLS (FISH)
. . . SHARKS
. . . MAMMALS
. . . BATS
. . . BEARS
. . . CATS
. . . CATTLE
. . . CALVES
. . . DEER
. . . CARIBOUS
. . . DOGS
. . . DOLPHINS
. . . GOATS
. . . HORSES
. . . MANATEES
. . . MARINE MAMMALS
. . . OPOSSUM
. . . PORPOISES
. . . PRIMATES
. . . BABOONS
. . . CHIMPANZEES
. . . HUMAN BEINGS
. . . MONKEYS
. . . CERCOCEBUS MONKEYS
. . . MANGABEYS
. . . RODENTS
. . . GUINEA PIGS
. . . HAMSTERS
. . . MICE
. . . JERBOAS
. . . POCKET MICE
. . . RABBITS
. . . RATS
. . . SQUIRRELS
. . . GROUND SQUIRRELS
. . . SEALS (ANIMALS)
. . . SHEEP
. . . SHREWS
. . . SWINE
. . . WHALES
. . . WOLVERINES
. . . WOLVES
. . . REPTILES
. . . LIZARDS
. . . SNAKES
. . . TURTLES
RT HOMEOTHERMS

VERTICAL AIR CURRENTS

UF UPDRAFTS
GS FLUID FLOW
. GAS FLOW
. AIR FLOW
. AIR CURRENTS
. . . VERTICAL AIR CURRENTS
RT ATMOSPHERIC CIRCULATION
CONVECTION CLOUDS
CONVECTION CURRENTS
LEE WAVES
SOARING
TURBULENCE
WIND (METEOROLOGY)
WINDS ALOFT

VERTICAL ATTITUDE TAKEOFF-LANDING AIRCRAFT

USE VATOL AIRCRAFT

VERTICAL DISTRIBUTION

GS DISTRIBUTION (PROPERTY)
. VERTICAL DISTRIBUTION
. STAR DISTRIBUTION
RT ELECTRON DISTRIBUTION
ION DISTRIBUTION
PRESSURE DISTRIBUTION
RADIATION DISTRIBUTION
SPATIAL DISTRIBUTION
TEMPERATURE DISTRIBUTION
WIND PROFILES

VERTICAL FINS

USE FINS

VERTICAL FLIGHT

RT BALLOON FLIGHT
CLIMBING FLIGHT
∞ FLIGHT
FLIGHT PATHS

NASA THESAURUS (VOLUME 1)

VERTICAL FLIGHT-(CONT.)

HOVERING
ROCKET FLIGHT
V/STOL AIRCRAFT

VERTICAL JUNCTION SOLAR CELLS

GS ELECTRIC GENERATORS
. DIRECT POWER GENERATORS
. SOLAR CELLS
. . . VERTICAL JUNCTION SOLAR CELLS
. SOLAR GENERATORS
. SOLAR CELLS
. . . VERTICAL JUNCTION SOLAR CELLS
RT WAFERS

VERTICAL LANDING

UF VERTICAL TAKEOFF AND LANDING
VTOL
GS LANDING
. VERTICAL LANDING
RT AIRCRAFT LANDING
SPACECRAFT LANDING
TOUCHDOWN
VATOL AIRCRAFT

VERTICAL MOTION

RT FALLING
∞ MOTION
TOUCHDOWN

VERTICAL MOTION SIMULATORS

GS SIMULATORS
. VIBRATION SIMULATORS
. VERTICAL MOTION SIMULATORS
RT ∞ MOTION
SHAKERS
SHOCK SIMULATORS
VIBRATORY LOADS

VERTICAL ORIENTATION

RT ALIGNMENT
ATTITUDE (INCLINATION)
DIRECTIONAL STABILITY
DYNAMIC STABILITY
HORIZONTAL ORIENTATION
LATERAL STABILITY
∞ ORIENTATION
STABILIZATION

VERTICAL PERCEPTION

GS PERCEPTION
. SENSORY PERCEPTION
. VERTICAL PERCEPTION
RT BODY SWAY TEST
GRAVIRECEPTORS
OCULOGRAVIC ILLUSIONS
∞ ORIENTATION
OTOLITH ORGANS
∞ SPACE ORIENTATION
VESTIBULAR TESTS

VERTICAL STABILIZERS

USE STABILIZERS (FLUID DYNAMICS)

VERTICAL TAILS

USE STABILIZERS (FLUID DYNAMICS)
TAIL ASSEMBLIES

VERTICAL TAKEOFF

UF VERTICAL TAKEOFF AND LANDING
VTOL
GS TAKEOFF
. VERTICAL TAKEOFF

VERTICAL TAKEOFF AIRCRAFT

UF VTOL AIRCRAFT
GS V/STOL AIRCRAFT
. VERTICAL TAKEOFF AIRCRAFT
. FLYING PLATFORMS
. SC-1 AIRCRAFT
. VJ-101 AIRCRAFT
. VZ-8 AIRCRAFT
. X-13 AIRCRAFT
. X-14 AIRCRAFT
. X-19 AIRCRAFT
. X-22 AIRCRAFT
. X-22A AIRCRAFT
. XV-4 AIRCRAFT
. XV-11A AIRCRAFT
RT ∞ AIRCRAFT
BELL 214A HELICOPTER
CF-700 ENGINE
CIRCULATION CONTROL ROTORS
COMPOUND HELICOPTERS

VERTICAL TAKEOFF AIRCRAFT-(CONT.)

CUSHIONCRAFT GROUND EFFECT
MACHINE
FAN IN WING AIRCRAFT
GETOL AIRCRAFT
HELICOPTERS
LIFT FANS
LIFTING ROTORS
∞ MILITARY AIRCRAFT
POWERED LIFT AIRCRAFT
RESEARCH AIRCRAFT
ROTARY WING AIRCRAFT
SHORT TAKEOFF AIRCRAFT
∞ SUBSONIC AIRCRAFT
T-58 ENGINE
T-58-GE-8B ENGINE
TF-106 ENGINE
TILT WING AIRCRAFT
VATOL AIRCRAFT
∞ WINGED VEHICLES

VERTICAL TAKEOFF AND LANDING

USE VERTICAL LANDING
VERTICAL TAKEOFF

VERTICAL 8 ROCKET

GS ROCKET VEHICLES
. SOUNDING ROCKETS
. . . VERTICAL 8 ROCKET
RT PAYLOADS
∞ ROCKETS

VERTICES

USE APEXES

VERTIGO

GS SIGNS AND SYMPTOMS
. VERTIGO
RT BARANY CHAIR
EAR PRESSURE TEST
VESTIBULAR TESTS

VERTOL MILITARY HELICOPTERS

USE BOEING AIRCRAFT

VERY HIGH FREQUENCIES

SN (30 TO 300 MHZ)
GS FREQUENCIES
. RADIO FREQUENCIES
. . . VERY HIGH FREQUENCIES
. . . P BAND
RT DECAHETRIC WAVES
LOW FREQUENCY BANDS
MAXIMUM USABLE FREQUENCY

VERY HIGH FREQUENCY RADIO EQUIPMENT

UF ULTRA SHORT WAVE RADIO EQUIPMENT
GS RADIO EQUIPMENT
. VERY HIGH FREQUENCY RADIO EQUIPMENT
RT RADIO ASTRONOMY
ULTRAHIGH FREQUENCIES

VERY HIGH SPEED INTEGRATED CIRCUITS

USE VHSIC (CIRCUITS)

VERY LONG BASE INTERFEROMETRY

UF VLBI
GS INTERFEROMETRY
. VERY LONG BASE INTERFEROMETRY
RT DIFFRACTION PATTERNS
INTERFEROMETERS
NULL ZONES
RADIO ASTRONOMY
RADIO INTERFEROMETERS

VERY LOW FREQUENCIES

SN (3 TO 30 KHZ)
GS FREQUENCIES
. RADIO FREQUENCIES
. . . LOW FREQUENCIES
. . . VERY LOW FREQUENCIES
. . . LOW FREQUENCY BANDS
. . . VERY LOW FREQUENCIES
RT AUDIO FREQUENCIES

∞ VESSELS

SN (USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)
RT BLOOD VESSELS
∞ CAPSULES
FLUID FILLED SHELLS
LIQUID FILLED SHELLS

VESSELS-(CONT.)

NAVY
PRESSURE VESSELS
SHIPS

VESTA ASTEROID

GS CELESTIAL BODIES
. ASTEROID BELTS
. . . ASTEROIDS
. . . VESTA ASTEROID
RT METEORIDS
SOLAR SYSTEM
SPACE DEBRIS

VESTIBULAR NYSTAGMUS

GS REFLEXES
. VESTIBULAR NYSTAGMUS
RT ANATOMY
EYE (ANATOMY)
OPHTHALMOLOGY

VESTIBULAR TESTS

GS PHYSIOLOGICAL TESTS
. VESTIBULAR TESTS
RT BODY SWAY TEST
CORIOLIS EFFECT
EAR PRESSURE TEST
VERTICAL PERCEPTION
VERTIGO

VESTIBULES

GS ANATOMY
. SENSE ORGANS
. . . EAR
. . . LABYRINTH
. . . . VESTIBULES
RT MORPHOLOGY
PASSAGEWAYS
SEMICIRCULAR CANALS

VESTS

RT CLOTHING
GARMENTS

VETERINARY MEDICINE

RT ∞ BIOLOGY
DIAGNOSIS
DISEASES
EPIDEMIOLOGY
IMMUNOLOGY
INJURIES
∞ MEDICINE
PATHOLOGY
PHARMACOLOGY
SURGERY

VFR (RULES)

USE VISUAL FLIGHT RULES

VHF OMNIRANGE NAVIGATION

UF OMNIRANGE NAVIGATION
VOR SYSTEMS
GS NAVIGATION
. RADIO NAVIGATION
. . . VHF OMNIRANGE NAVIGATION
RT AIR NAVIGATION
NAVIGATION AIDS
RADIO DIRECTION FINDERS
SOLAR COMPASSES

VHSIC (CIRCUITS)

UF VERY HIGH SPEED INTEGRATED
CIRCUITS
GS CIRCUITS
. INTEGRATED CIRCUITS
. . . VHSIC (CIRCUITS)
RT CHIPS (ELECTRONICS)
LARGE SCALE INTEGRATION
SIGNAL PROCESSING

VIABILITY

RT ANIMALS
CARBON CYCLE
CROP VIGOR
GERMINATION
GROWTH
PLANTS (BOTANY)
SEEDS

VIBRATION

UF JITTER
GS VIBRATION
. COMBUSTION VIBRATION
. FORCED VIBRATION

VIBRATION-(CONT.)

. FREE VIBRATION
. LATTICE VIBRATIONS
. POGO EFFECTS
. RANDOM VIBRATION
. RESONANT VIBRATION
. STRUCTURAL VIBRATION
. BENDING VIBRATION
. BREATHING VIBRATION
. FLUTTER
. . . PANEL FLUTTER
. . . SUBSONIC FLUTTER
. . . SUPERSONIC FLUTTER
. . . TRANSONIC FLUTTER
. . . LINEAR VIBRATION
. . . MISSILE VIBRATION
. . . SELF INDUCED VIBRATION
. . . PANEL FLUTTER
. . . SUBSONIC FLUTTER
. . . SUPERSONIC FLUTTER
. . . TRANSONIC FLUTTER
. . . TORSIONAL VIBRATION

RT ACOUSTICS
AMPLITUDES
ANTINODES
COMPACTING
CYCLIC LOADS
DISPLACEMENT
∞ DYNAMICS
ELASTIC WAVES
FATIGUE (MATERIALS)
FLAPPING
HARMONICS
ISOLATORS
MECHANICAL OSCILLATORS
MECHANICAL SHOCK
MODES (STANDING WAVES)
∞ MOTION
NODES (STANDING WAVES)
NUTATION
OSCILLATING CYLINDERS
OSCILLATIONS
OSCILLATORS
RESONANCE
SHAKING
SHOCK RESISTANCE
SPACECRAFT MOTION
STANDING WAVES
VIBRATIONAL STRESS
VIBRATORY LOADS
VIBRATORY POLISHING
∞ WAVES
WING OSCILLATIONS

VIBRATION DAMPERS

USE VIBRATION ISOLATORS

VIBRATION DAMPING

GS DAMPING
. VIBRATION DAMPING
RT ACOUSTICS
ATTENUATION
ELASTIC DAMPING
FLEXIBLE SPACECRAFT
GYRODAMPERS
MOLECULAR RELAXATION
NONOSCILLATORY ACTION
NONSTABILIZED OSCILLATION
SHOCK ABSORBERS

VIBRATION EFFECTS

GS VIBRATION EFFECTS
. POGO EFFECTS
RT ∞ EFFECTS
SUPPORT INTERFERENCE
VIBRATIONAL STRESS

VIBRATION ISOLATORS

UF VIBRATION DAMPERS
VIBRATION PROTECTION
GS ISOLATORS
. VIBRATION ISOLATORS
RT ∞ ABSORBERS
ACOUSTIC RETROFITTING
CUSHIONS
∞ DAMPERS
DAMPERS (VALVES)
DAMPING
ENERGY ABSORPTION
NOISE REDUCTION
OSCILLATION DAMPERS
SHOCK ABSORBERS
SPRINGS (ELASTIC)
SUSPENSION SYSTEMS (VEHICLES)

VIBRATION MEASUREMENT

VIBRATION MEASUREMENT

GS MECHANICAL MEASUREMENT
 . VIBRATION MEASUREMENT
 RT CEPSTRAL ANALYSIS
 DAMPING TESTS
 FREQUENCY ANALYZERS
 FREQUENCY MEASUREMENT
 ∞ MEASUREMENT
 STRESS MEASUREMENT
 VIBRATIONAL SPECTRA

VIBRATION METERS

UF VIBROMETERS
 GS MEASURING INSTRUMENTS
 . VIBRATION METERS
 . . SEISMOGRAPHS
 . . . LUNAR SEISMOGRAPHS
 RT ACCELEROMETERS
 TRANSDUCERS

VIBRATION MODE

UF MODE OF VIBRATION
 GS MODES
 . VIBRATION MODE
 . . UNCOUPLED MODES
 RT FREE VIBRATION
 LINEAR VIBRATION
 MODE TRANSFORMERS
 TRANSVERSE WAVES

VIBRATION PERCEPTION

GS PERCEPTION
 . SENSORY PERCEPTION
 . . VIBRATION PERCEPTION

VIBRATION PROTECTION

USE VIBRATION ISOLATORS

VIBRATION SIMULATORS

UF VIBRATION TESTING MACHINES
 GS SIMULATORS
 . VIBRATION SIMULATORS
 . . VERTICAL MOTION SIMULATORS
 RT FLUTTER
 SHAKERS
 SHOCK SIMULATORS
 VIBRATORY LOADS

VIBRATION TESTING MACHINES

USE VIBRATION SIMULATORS

VIBRATION TESTS

GS VIBRATION TESTS
 . DAMPING TESTS
 . . STROKING TESTS
 RT DESTRUCTIVE TESTS
 DYNAMIC TESTS
 ELECTRONIC EQUIPMENT TESTS
 ENGINE TESTS
 ENVIRONMENTAL TESTS
 FLIGHT TESTS
 FLUTTER
 MECHANICAL ENGINEERING
 OSCILLATIONS
 RESONANCE TESTING
 SHOCK TESTS
 STABILITY TESTS
 STATIC TESTS
 STRUCTURAL VIBRATION
 ∞ TESTS

VIBRATIONAL FREEZING

GS PHASE TRANSFORMATIONS
 . FREEZING
 . . VIBRATIONAL FREEZING

VIBRATIONAL FREQUENCIES

USE VIBRATIONAL SPECTRA

VIBRATIONAL RELAXATION

USE MOLECULAR RELAXATION

VIBRATIONAL SPECTRA

UF VIBRATIONAL FREQUENCIES
 GS SPECTRA
 . MOLECULAR SPECTRA
 . . VIBRATIONAL SPECTRA
 . . RADIATION SPECTRA
 . . . ELECTROMAGNETIC SPECTRA
 . . . VIBRATIONAL SPECTRA
 RT ELECTRONIC SPECTRA
 ENERGY SPECTRA
 MOLECULAR RELAXATION
 RAMAN SPECTRA

VIBRATIONAL SPECTRA-(CONT.)

SHOCK SPECTRA
 TRANSIENT OSCILLATIONS
 VIBRATION MEASUREMENT

VIBRATIONAL STRESS

GS STRESSES
 . VIBRATIONAL STRESS
 RT FLUTTER
 VIBRATION
 VIBRATION EFFECTS
 VIBRATORY LOADS

VIBRATORY LOADS

GS LOADS (FORCES)
 . DYNAMIC LOADS
 . . VIBRATORY LOADS
 RT AERODYNAMIC LOADS
 CYCLIC LOADS
 STRUCTURAL DESIGN CRITERIA
 VERTICAL MOTION SIMULATORS
 VIBRATION
 VIBRATION SIMULATORS
 VIBRATIONAL STRESS

VIBRATORY POLISHING

GS POLISHING
 . VIBRATORY POLISHING
 RT METALLOGRAPHY
 VIBRATION

VIBROCARDIOGRAPHY

USE PHONOCARDIOGRAPHY

VIBROMETERS

USE VIBRATION METERS

VICKERS SCIMITAR AIRCRAFT

USE SCIMITAR AIRCRAFT

VICKERS VA-3 HOVERCRAFT

USE VA-3 GROUND EFFECT MACHINE

VICKERS VALIANT AIRCRAFT

USE VALIANT AIRCRAFT

VICKERS VC-10 AIRCRAFT

USE VC-10 AIRCRAFT

VICKERS 1100 AIRCRAFT

USE VC-10 AIRCRAFT

VICTOR MK-1 AIRCRAFT

GS ATTACK AIRCRAFT
 . BOMBER AIRCRAFT
 . . VICTOR MK-1 AIRCRAFT
 . . HANDLEY PAGE AIRCRAFT
 . . VICTOR MK-1 AIRCRAFT
 . . JET AIRCRAFT
 . . VICTOR MK-1 AIRCRAFT
 . . MONOPLANES
 . . VICTOR MK-1 AIRCRAFT
 . . RECONNAISSANCE AIRCRAFT
 . . VICTOR MK-1 AIRCRAFT

VIDEO COMMUNICATION

GS TELECOMMUNICATION
 . VIDEO COMMUNICATION
 RT TELEVISION SYSTEMS

VIDEO DATA

RT ANALOG DATA
 ∞ DATA
 DATA CONVERTERS
 DATA TRANSMISSION
 DIGITAL DATA
 DISPLAY DEVICES
 RADAR DATA
 SMEAR
 TELECOMMUNICATION
 TELEVISION SYSTEMS
 VIDEO DISKS

VIDEO DISKS

GS DOCUMENTS
 . RECORDS
 . . VIDEO DISKS
 RT DATA RECORDERS
 DATA RECORDING
 DATA STORAGE
 DISKS (SHAPES)
 MAGNETIC DISKS
 OPTICAL DATA STORAGE MATERIALS
 OPTICAL MEMORY (DATA STORAGE)

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VIDEO DISKS-(CONT.)

PLAYBACKS
 VIDEO DATA
 VIDEO EQUIPMENT

VIDEO EQUIPMENT

GS VIDEO EQUIPMENT
 . PICTURE TUBES
 RT ADVANCED VIDICON CAMERA SYSTEM
 (AVCS)
 CAMERA TUBES
 CATHODE RAY TUBES
 COMPENSATORS
 DISPLAY DEVICES
 FLYING SPOT SCANNERS
 MOTION PICTURES
 OPTICAL EQUIPMENT
 OSCILLOSCOPES
 TELEVISION EQUIPMENT
 VIDEO DISKS
 VIDICONS

VIDEO LANDMARK ACQUISITION AND TRACKING

GS TRACKING (POSITION)
 . VIDEO LANDMARK ACQUISITION AND TRACKING
 RT AVIONICS
 IMAGE CORRELATORS
 MAP MATCHING GUIDANCE
 SCENE ANALYSIS
 SIGNATURES
 TERCOM
 TERRAIN ANALYSIS
 TRACKING FILTERS

VIDICONS

GS ELECTRON TUBES
 . CAMERA TUBES
 . . VIDICONS
 . . . RETURN BEAM VIDICONS
 THERMICONs
 MICROWAVE EQUIPMENT
 . VIDICONS
 . . THERMICONs
 RT ADVANCED VIDICON CAMERA SYSTEM
 (AVCS)
 FIBER OPTICS
 VIDEO EQUIPMENT

VIETNAM

UF NORTH VIETNAM
 REPUBLIC OF VIETNAM
 RT SOUTH VIETNAM
 ASIA
 NATIONS
 SOUTHEAST ASIA

VIEW EFFECTS

SN (EFFECTS OF CHANGE IN ANGULAR SIZE OF FIELD OF VIEW UPON RECEPTORS OF RADIATION)
 RT ANGULAR CORRELATION
 ∞ EFFECTS
 RADIANT FLUX DENSITY
 RADIATION MEASURING INSTRUMENTS
 RADIATIVE HEAT TRANSFER
 VIEWING

VIEWING

GS VIEWING
 . FIELD OF VIEW
 RT DISPLAY DEVICES
 PERISCOPES
 VIEW EFFECTS
 VISIBILITY
 VISION

VIGILANTE AIRCRAFT

USE A-5 AIRCRAFT

VIGNETTING

RT DEFECTS
 FOCUSING
 LENSES

VIKING LANDER SPACECRAFT

GS INTERPLANETARY SPACECRAFT
 . MARS PROBES
 . . VIKING SPACECRAFT
 . . . VIKING 1 SPACECRAFT
 VIKING LANDER SPACECRAFT
 VIKING LANDER 1
 VIKING 2 SPACECRAFT
 VIKING LANDER SPACECRAFT
 VIKING LANDER 2

VIKING LANDER SPACECRAFT-(CONT.)

RT INTERPLANETARY TRAJECTORIES
NASA PROGRAMS
SPACE EXPLORATION
SPACE FLIGHT
SPACE PROBES
UNMANNED SPACECRAFT

VIKING LANDER 1

GS INTERPLANETARY SPACECRAFT
. MARS PROBES
. VIKING SPACECRAFT
. VIKING 1 SPACECRAFT
. VIKING LANDER SPACECRAFT
. VIKING LANDER 1
RT INTERPLANETARY TRAJECTORIES
MARS SURFACE SAMPLES
NASA PROGRAMS
SPACE EXPLORATION
SPACE FLIGHT
SPACE PROBES
UNMANNED SPACECRAFT

VIKING LANDER 2

GS INTERPLANETARY SPACECRAFT
. MARS PROBES
. VIKING SPACECRAFT
. VIKING 2 SPACECRAFT
. VIKING LANDER SPACECRAFT
. VIKING LANDER 2
RT INTERPLANETARY TRAJECTORIES
MARS SURFACE SAMPLES
NASA PROGRAMS
SPACE EXPLORATION
SPACE FLIGHT
SPACE PROBES
UNMANNED SPACECRAFT

VIKING MARS PROGRAM

GS SPACE FLIGHT
. VIKING MARS PROGRAM

VIKING ORBITER SPACECRAFT

GS INTERPLANETARY SPACECRAFT
. MARS PROBES
. VIKING SPACECRAFT
. VIKING 1 SPACECRAFT
. VIKING ORBITER SPACECRAFT
. VIKING ORBITER 1
. VIKING 2 SPACECRAFT
. VIKING ORBITER SPACECRAFT
. VIKING ORBITER 2
RT INTERPLANETARY TRAJECTORIES
NASA PROGRAMS
PLANETARY ORBITS
SATELLITES
SPACE EXPLORATION
SPACE FLIGHT
SPACE PROBES
∞ SPACECRAFT
UNMANNED SPACECRAFT

VIKING ORBITER 1

GS INTERPLANETARY SPACECRAFT
. MARS PROBES
. VIKING SPACECRAFT
. VIKING 1 SPACECRAFT
. VIKING ORBITER SPACECRAFT
. VIKING ORBITER 1
RT INTERPLANETARY TRAJECTORIES
NASA PROGRAMS
SPACE EXPLORATION
SPACE FLIGHT
SPACE PROBES
∞ SPACECRAFT
UNMANNED SPACECRAFT

VIKING ORBITER 2

GS INTERPLANETARY SPACECRAFT
. MARS PROBES
. VIKING SPACECRAFT
. VIKING 2 SPACECRAFT
. VIKING ORBITER SPACECRAFT
. VIKING ORBITER 2
RT INTERPLANETARY TRAJECTORIES
NASA PROGRAMS
SPACE EXPLORATION
SPACE FLIGHT
SPACE PROBES
∞ SPACECRAFT
UNMANNED SPACECRAFT

VIKING ORBITER 1975

GS UNMANNED SPACECRAFT
. SPACE PROBES

VIKING ORBITER 1975-(CONT.)

. MARS PROBES
. VIKING ORBITER 1975
RT NASA PROGRAMS

VIKING ROCKET VEHICLE

GS ROCKET VEHICLES
. SINGLE STAGE ROCKET VEHICLES
. VIKING ROCKET VEHICLE
RT LIQUID PROPELLANT ROCKET ENGINES
SOUNDING ROCKETS
VANGUARD 2 LAUNCH VEHICLE

VIKING SPACECRAFT

GS INTERPLANETARY SPACECRAFT
. MARS PROBES
. VIKING SPACECRAFT
. VIKING 1 SPACECRAFT
. VIKING LANDER SPACECRAFT
. VIKING LANDER 1
. VIKING ORBITER SPACECRAFT
. VIKING ORBITER 1
. VIKING 2 SPACECRAFT
. VIKING LANDER SPACECRAFT
. VIKING LANDER 2
. VIKING ORBITER SPACECRAFT
. VIKING ORBITER 2

VIKING 1 SPACECRAFT

GS INTERPLANETARY SPACECRAFT
. MARS PROBES
. VIKING SPACECRAFT
. VIKING 1 SPACECRAFT
. VIKING LANDER SPACECRAFT
. VIKING LANDER 1
. VIKING ORBITER SPACECRAFT
. VIKING ORBITER 1
RT INTERPLANETARY TRAJECTORIES
NASA PROGRAMS
SPACE EXPLORATION
SPACE FLIGHT
SPACE PROBES
UNMANNED SPACECRAFT

VIKING 2 SPACECRAFT

GS INTERPLANETARY SPACECRAFT
. MARS PROBES
. VIKING SPACECRAFT
. VIKING 2 SPACECRAFT
. VIKING LANDER SPACECRAFT
. VIKING LANDER 2
. VIKING ORBITER SPACECRAFT
. VIKING ORBITER 2
RT INTERPLANETARY TRAJECTORIES
NASA PROGRAMS
SPACE EXPLORATION
SPACE FLIGHT
SPACE PROBES
UNMANNED SPACECRAFT

VIKING 75 ENTRY VEHICLE

GS INTERPLANETARY SPACECRAFT
. MARS PROBES
. VIKING 75 ENTRY VEHICLE
RT MARS LANDING
SOFT LANDING

VINEYARDS

RT AGRICULTURE
BLIGHT
BOTANY
CROP GROWTH
CROP VIGOR
∞ CROPS
EARTH RESOURCES
FARM CROPS
∞ FOOD
IRRIGATION
PLANTS (BOTANY)
WINES

VINTI THEORY

GS PERTURBATION THEORY
. VINTI THEORY
RT GEODESY
ORBIT PERTURBATION

VINYL COPOLYMERS

GS PLASTICS
. SYNTHETIC RESINS
. ADDITION RESINS
. VINYL COPOLYMERS
POLYMERIZATION
. VINYL COPOLYMERS
RESINS

VINYL COPOLYMERS-(CONT.)

. SYNTHETIC RESINS
. ADDITION RESINS
. VINYL COPOLYMERS
RT ADDITIVES
COPOLYMERS
∞ POLYMERS

VINYL CYANIDE

USE ACRYLONITRILES

VINYL ETHYLENE

USE BUTADIENE

VINYL POLYMERS

GS VINYL POLYMERS
. POLYVINYL FLUORIDE
RT ∞ POLYMERS
POLYVINYL ALCOHOL
POLYVINYL CHLORIDE

VINYL RADICAL

GS RADICALS
. VINYL RADICAL
RT FREE RADICALS

VINYLDENE

GS ALIPHATIC COMPOUNDS
. ALKENES
. ETHYLENE
. VINYLDENE
HYDROCARBONS
. ALKENES
. ETHYLENE
. VINYLDENE

VIOLENCE

GS VIOLENCE
. ATTACKING (ASSAULTING)
RT DISORDERS
POLICE
WARFARE

VIRGIN ISLANDS

GS LANDFORMS
. ISLANDS
. WEST INDIES
. VIRGIN ISLANDS
RT ARCHIPELAGOES
CARIBBEAN SEA
TROPICAL REGIONS
UNITED STATES OF AMERICA

VIRGINIA

GS UNITED STATES OF AMERICA
. VIRGINIA
RT ALLEGHENY PLATEAU (US)
ASSATEAGUE ISLAND (MD-VA)
CHESAPEAKE BAY (US)
DELMARVA PENINSULA (DE-MD-VA)
POTOMAC RIVER VALLEY (MD-VA-WV)
SHENANDOAH VALLEY (VA)
WALLOPS ISLAND

VIRGO GALACTIC CLUSTER

UF VIRGO STAR CLUSTER
GS CELESTIAL BODIES
. GALAXIES
. GALACTIC CLUSTERS
. VIRGO GALACTIC CLUSTER
. STAR CLUSTERS
. VIRGO GALACTIC CLUSTER
RT AGGLOMERATION
BARRED GALAXIES
DISK GALAXIES
ELLIPTICAL GALAXIES
SPIRAL GALAXIES
STAR CLUSTERS
STAR DISTRIBUTION
STARS

VIRGO STAR CLUSTER

USE VIRGO GALACTIC CLUSTER

VIRIAL THEOREM

RT KINETIC ENERGY
KINETIC EQUATIONS
∞ MECHANICS (PHYSICS)

VIRTUAL PROPERTIES

RT ACCURACY
∞ PHYSICAL PROPERTIES

VIRULENCE

RT MICROORGANISMS
TOXICITY

VIRUSES

VIRULENCE-(CONT.) VIRUSES

VIRUSES

- GS MICROORGANISMS
 - . VIRUSES
 - . . . ADENOVIRUSES
 - . . . BACTERIOPHAGES
- RT ∞ BLISTERS
 - . INTERFERON
 - . PROTOBIOLOGY
 - . VIRULENCE

VISCERA

- GS VISCERA
 - . ABDOMEN
 - . APPENDIX (ANATOMY)
 - . ENDOCRINE GLANDS
 - . . . ADRENAL GLAND
 - . . . GONADS
 - . . . OVARIES
 - . . . PANCREAS
 - . . . PARATHYROID GLAND
 - . . . PINEAL GLAND
 - . . . PITUITARY GLAND
 - . . . PROSTATE GLAND
 - . . . THYMUS GLAND
 - . . . THYROID GLAND
 - . . . INTESTINES
 - . . . RECTUM
 - . . . ORGANS
 - . . . BLADDER
 - . . . ESOPHAGUS
 - . . . KIDNEYS
 - . . . LIVER
 - . . . LUNGS
 - . . . OVARIES
 - . . . PITUITARY GLAND
 - . . . SPLEEN
 - . . . STOMACH
 - . . . TESTES
 - . . . SEX GLANDS
 - . . . GONADS
 - . . . OVARIES
 - . . . PROSTATE GLAND
 - . . . TESTES

VISCOELASTIC CYLINDERS

- RT ∞ CYLINDERS
 - . CYLINDRICAL BODIES
 - . CYLINDRICAL SHELLS

VISCOELASTIC DAMPING

- GS DAMPING
 - . ELASTIC DAMPING
 - . . . VISCOELASTIC DAMPING
 - . . . VISCOUS DAMPING
 - . . . VISCOELASTIC DAMPING

VISCOELASTIC FLOW

- USE VISCOELASTICITY

VISCOELASTICITY

- UF VISCOELASTIC FLOW
- GS MECHANICAL PROPERTIES
 - . ELASTIC PROPERTIES
 - . . . VISCOELASTICITY
 - . . . PHOTOVISCOELASTICITY
 - . . . THERMOVISCOELASTICITY
- RT HYDROELASTICITY
 - . HYSTERESIS
 - . MAXWELL FLUIDS
 - . NONNEWTONIAN FLOW
 - . NONNEWTONIAN FLUIDS
 - . PLASTIC FLOW
 - . RELAXATION (MECHANICS)
 - . SQUEEZE FILMS
 - . VISCOPLASTICITY
 - . VISCOUS DAMPING

VISCOMETERS

- GS MEASURING INSTRUMENTS
 - . VISCOMETERS
- RT ROTATING CYLINDERS
 - . VISCOMETRY
 - . VISCOSITY

VISCOMETRY

- RT ROTATING CYLINDERS
 - . VISCOMETERS
 - . VISCOSITY
 - . VISCOUS DRAG
 - . VISCOUS FLOW

VISCOPLASTIC FLOW

- USE VISCOPLASTICITY

VISCOPLASTICITY

- UF VISCOPLASTIC FLOW
- GS MECHANICAL PROPERTIES
 - . PLASTIC PROPERTIES
 - . . . VISCOPLASTICITY
- RT HYSTERESIS
 - . NONNEWTONIAN FLOW
 - . NONNEWTONIAN FLUIDS
 - . PLASTIC ANISOTROPY
 - . PLASTIC FLOW
 - . RELAXATION (MECHANICS)
 - . VISCOELASTICITY
 - . VISCOUS DAMPING

VISCOPUMPS

- GS PUMPS
 - . VISCOPUMPS
- RT VISCOUS FLOW

VISCOSITY

- GS TRANSPORT PROPERTIES
 - . VISCOSITY
 - . . . EDDY VISCOSITY
 - . . . GAS VISCOSITY
- RT DENSITY (MASS/VOLUME)
 - . FLOW CHARACTERISTICS
 - . FLOW RESISTANCE
 - . INTERNAL FRICTION
 - . ∞ MOTION
 - . ∞ PHYSICAL PROPERTIES
 - . . . RHEOLOGY
 - . . . SIMILITUDE LAW
 - . . . SOLUBILITY
 - . . . STOKES LAW (FLUID MECHANICS)
 - . . . SUPERFLUIDITY
 - . . . SURFACE PROPERTIES
 - . . . THERMAL DIFFUSION
 - . . . THERMAL DIFFUSIVITY
 - . . . THIXOTROPY
 - . . . VISCOMETERS
 - . . . VISCOMETRY
 - . . . VISCOUS FLOW

VISCOUNT AIRCRAFT

- GS BAC AIRCRAFT
 - . VISCOUNT AIRCRAFT
- . JET AIRCRAFT
- . . . TURBOPROP AIRCRAFT
- . . . VISCOUNT AIRCRAFT
- . . . MONOPLANES
- . . . VISCOUNT AIRCRAFT
- . . . PASSENGER AIRCRAFT
- . . . VISCOUNT AIRCRAFT
- . . . TRANSPORT AIRCRAFT
- . . . VISCOUNT AIRCRAFT

VISCOUS DAMPING

- GS DAMPING
 - . VISCOUS DAMPING
 - . . . VISCOELASTIC DAMPING
- RT ELASTIC DAMPING
 - . RESONANCE TESTING
 - . VISCOELASTICITY
 - . VISCOPLASTICITY

VISCOUS DRAG

- GS DYNAMIC CHARACTERISTICS
 - . DRAG
 - . . . FRICTION DRAG
 - . . . VISCOUS DRAG
 - . . . FRICTION
 - . . . FLOW RESISTANCE
 - . . . FRICTION DRAG
 - . . . VISCOUS DRAG
 - . . . SKIN FRICTION
 - . . . FRICTION DRAG
 - . . . VISCOUS DRAG
- RT EDDY VISCOSITY
 - . HARTMANN NUMBER
 - . LAMINAR FLOW
 - . TURBULENT FLOW
 - . VISCOMETRY

VISCOUS FLOW

- GS FLUID FLOW
 - . VISCOUS FLOW
 - . . . BOUNDARY LAYER FLOW
 - . . . REATTACHED FLOW
 - . . . SECONDARY FLOW
 - . . . SEPARATED FLOW
 - . . . BOUNDARY LAYER SEPARATION
 - . . . COUETTE FLOW

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VISCOUS FLOW-(CONT.)

- . . . KARMAN-BODEWADT FLOW
- . . . STOKES FLOW
- RT AERODYNAMICS
 - . BAROTROPIC FLOW
 - . EDDY VISCOSITY
 - . FLOW CHARACTERISTICS
 - . GAS FLOW
 - . INVISCID FLOW
 - . KNUDSEN FLOW
 - . LAMINAR FLOW
 - . MAGNETOHYDRODYNAMIC SHEAR
 - . HEATING
 - . MAXWELL FLUIDS
 - . MILNE-THOMSON METHOD
 - . NAVIER-STOKES EQUATION
 - . POHLHAUSEN METHOD
 - . PRANDTL NUMBER
 - . REYNOLDS NUMBER
 - . TURBULENT FLOW
 - . VISCOMETRY
 - . VISCOPUMPS
 - . VISCOSITY
 - . WEDGE FLOW

VISCOUS FLUIDS

- RT FLOW STABILITY
- ∞ FLUIDS
 - . MAXWELL FLUIDS
 - . NAVIER-STOKES EQUATION
 - . NEWTONIAN FLUIDS
 - . NONNEWTONIAN FLUIDS
 - . OSEEN APPROXIMATION
 - . SEMISOLIDS
 - . SQUEEZE FILMS
 - . WEIGHTLESS FLUIDS

VISIBILITY

- UF INVISIBILITY
- GS VISIBILITY
 - . LOW VISIBILITY
- RT APPEARANCE
 - . BRIGHTNESS
 - . CEILINGS (METEOROLOGY)
 - . CHARACTER RECOGNITION
 - . COLOR
 - . CONTRAST
 - . DARKENING
 - . FOG
 - . GLARE
 - . HAZE
 - . HUMAN FACTORS ENGINEERING
 - . ILLUMINANCE
 - . IMAGE CONTRAST
 - . LEGIBILITY
 - . LIGHT (VISIBLE RADIATION)
 - . LIGHT TRANSMISSION
 - . LUMINESCENCE
 - . LUMINOSITY
 - . NIGHT FLIGHTS (AIRCRAFT)
 - . OPACITY
 - . OPTICAL PROPERTIES
 - . PERCEPTION
 - . RADIANCE
 - . READING
 - . RESOLUTION
 - . RETINAL ADAPTATION
 - . SENSITIVITY
 - . SMOKE
 - . SYMBOLS
 - . TRANSMISSIVITY
 - . VIEWING
 - . VISION
 - . VISUAL CONTROL
 - . WHITEOUT

VISIBLE INFRARED SPIN SCAN RADIOMETER

- RT ATMOSPHERIC SOUNDING
 - . INFRARED RADIOMETERS
 - . SATELLITE SOUNDING
 - . SATELLITE-BORNE INSTRUMENTS

VISIBLE RADIATION

- USE LIGHT (VISIBLE RADIATION)

VISIBLE SPECTRUM

- GS SPECTRA
 - . RADIATION SPECTRA
 - . . . ELECTROMAGNETIC SPECTRA
 - . . . VISIBLE SPECTRUM
- RT ∞ ABSORPTION
 - . ABSORPTION SPECTRA
 - . ASTRONOMICAL SPECTROSCOPY
 - . AURORAL SPECTROSCOPY
 - . CATHODOLUMINESCENCE

VISIBLE SPECTRUM-(CONT.)

EMISSION SPECTRA
GAS SPECTROSCOPY
LIGHT (VISIBLE RADIATION)
LINE SPECTRA
MOLECULAR SPECTRA
SOLAR SPECTRA
SPECTRAL BANDS
SPECTROSCOPY
STELLAR SPECTRA

VISION

UF MACULAR VISION
GS **VISION**
. BINOCULAR VISION
. COLOR VISION
. MONOCULAR VISION
. NIGHT VISION
. PERIPHERAL VISION
. STEREOSCOPIC VISION
RT ADAPTATION
ANASTIGMATISM
BLINDNESS
BRIGHTNESS
CHOROID MEMBRANES
COLOR
CONJUNCTIVA
CONTRAST
CORNEA
DARK ADAPTATION
EYE (ANATOMY)
EYE DOMINANCE
FLASH BLINDNESS
GLARE
HETEROPHORIA
HETEROTROPIA
HUMAN FACTORS ENGINEERING
HYPEROPIA
ILLUSIONS
IMAGES
LEGIBILITY
LIGHT ADAPTATION
MIOSIS
MYOPIA
OCULOMOTOR NERVES
OPHTHALMODYNAMOMETRY
OPTOMETRY
PERCEPTION
PHOSPHENE
PRESBYOPIA
PUPILS
RESOLUTION
RETINA
RETINAL ADAPTATION
THRESHOLDS (PERCEPTION)
VIEWING
VISIBILITY
VISUAL ACUITY

VISORS

RT EYE PROTECTION
RADIATION PROTECTION
SUNGLASSES

VISUAL ACCOMMODATION

RT ACCOMMODATION

VISUAL ACUITY

GS ACUITY
. **VISUAL ACUITY**
. . . HYPEROPIA
RT PERIPHERAL VISION
SNELLEN TESTS
VISION

VISUAL AIDS

UF AUDIO VISUAL EQUIPMENT
RT ∞ AIDS
CHARTS
DIAGRAMS
DISPLAY DEVICES
DRAWINGS
PHOTOGRAPHS
TRAINING DEVICES

VISUAL CONTROL

GS MANUAL CONTROL
. **VISUAL CONTROL**
RT AIRCRAFT CONTROL
APPROACH CONTROL
ATTITUDE CONTROL
 ∞ CONTROL
DISPLAY DEVICES
GUIDANCE (MOTION)
MISSILE CONTROL

VISUAL CONTROL-(CONT.)

REMOTE CONTROL
RUNWAY LIGHTS
SERVOCONTROL
SPACECRAFT CONTROL
VISIBILITY

VISUAL DISCRIMINATION

GS DISCRIMINATION
. SENSORY DISCRIMINATION
. . . **VISUAL DISCRIMINATION**
PERCEPTION
. SENSORY PERCEPTION
. . . VISUAL PERCEPTION
. . . **VISUAL DISCRIMINATION**
RT ∞ RECOVERY

VISUAL DISPLAYS

USE DISPLAY DEVICES

VISUAL FIELDS

RT FIELD OF VIEW
 ∞ FIELDS
PERIPHERAL VISION
RETINA
SACCADIC EYE MOVEMENTS
SPACE PERCEPTION

VISUAL FLIGHT

RT AIR NAVIGATION
COLLISION AVOIDANCE
 ∞ FLIGHT
FLIGHT CONDITIONS
FLIGHT PATHS
FLIGHT SAFETY
LANDING
WHITEOUT

VISUAL FLIGHT RULES

UF VFR (RULES)
GS RULES
. FLIGHT RULES
. . . **VISUAL FLIGHT RULES**

VISUAL OBSERVATION

GS OBSERVATION
. **VISUAL OBSERVATION**
RT COMPANION STARS
SPACE OBSERVATIONS (FROM EARTH)

VISUAL PERCEPTION

UF SIGHT
GS PERCEPTION
. SENSORY PERCEPTION
. . . **VISUAL PERCEPTION**
. . . CRITICAL FLICKER FUSION
. . . SPACE PERCEPTION
. AUTOKINESIS
. . . **VISUAL DISCRIMINATION**
RT AFTERIMAGES
BRIGHTNESS DISCRIMINATION
ELEVATOR ILLUSION
MOTION PERCEPTION
 ∞ ORIENTATION
PERCEPTUAL ERRORS
 ∞ SPACE ORIENTATION
TACHISTOSCOPIES
THRESHOLDS (PERCEPTION)

VISUAL PHOTOMETRY

GS OPTICAL MEASUREMENT
. PHOTOMETRY
. . . **VISUAL PHOTOMETRY**

VISUAL PIGMENTS

GS PIGMENTS
. **VISUAL PIGMENTS**
RT DARK ADAPTATION
PHOTORECEPTORS
PHOTOSENSITIVITY

VISUAL SIGNALS

RT BEACONS
CUES
LUMINAIRES
OPTICAL COMMUNICATION
 ∞ SIGNALS

VISUAL STIMULI

RT PERCEPTUAL ERRORS
 ∞ SIGNALS
 ∞ STIMULI

VISUAL TASKS

GS TASKS
. **VISUAL TASKS**

VISUAL TRACKING

USE OPTICAL TRACKING

VISUALIZATION OF FLOW

USE FLOW VISUALIZATION

VITAMIN A

USE RETINENE

VITAMIN B

USE THIAMINE

VITAMIN B COMPLEX

USE BIOTIN

VITAMIN B 2

USE RIBOFLAVIN

VITAMIN B 6

USE PYRIDOXINE

VITAMIN B 12

USE CYANOCOBALAMIN

VITAMIN C

USE ASCORBIC ACID

VITAMIN D

USE CALCIFEROL

VITAMIN E

USE TOCOPHEROL

VITAMIN G

USE RIBOFLAVIN

VITAMIN K

USE PHYLLOQUINONE

VITAMIN M

USE FOLIC ACID

VITAMIN P

USE BIOFLAVONOIDS

VITAMINS

GS **VITAMINS**
. ASCORBIC ACID
. BIOFLAVONOIDS
. BIOTIN
. CALCIFEROL
. CARNITINE
. CYANOCOBALAMIN
. FOLIC ACID
. NICOTINAMIDE
. NICOTINIC ACID
. PHYLLOQUINONE
. PYRIDOXINE
. RETINENE
. RIBOFLAVIN
. THIAMINE
. TOCOPHEROL
RT ASCORBIC ACID METABOLISM
DRUGS
 ∞ FOOD
 ∞ NUTRIENTS

VITON

GS COPOLYMERS
. **VITON**
PLASTICS
RT **VITON**
FLUOROHYDROCARBONS

VITON RUBBER (TRADEMARK)

GS RUBBER
. SYNTHETIC RUBBERS
. . . ELASTOMERS
. . . **VITON RUBBER (TRADEMARK)**

VITREOUS MATERIALS

RT FRIT
GLASS
 ∞ INORGANIC MATERIALS
 ∞ MATERIALS
METALLIC GLASSES
PORCELAIN
VITRIFICATION

VITRIFICATION

VITRIFICATION

RT CERAMICS
GLASS
PORCELAIN
SOLIDIFICATION
VITREOUS MATERIALS

VJ-101 AIRCRAFT

UF SUD VJ-101 AIRCRAFT
GS ATTACK AIRCRAFT
. FIGHTER AIRCRAFT
. VJ-101 AIRCRAFT
EWR AIRCRAFT
. VJ-101 AIRCRAFT
JET AIRCRAFT
. VJ-101 AIRCRAFT
MONOPLANES
. VJ-101 AIRCRAFT
SUD AVIATION AIRCRAFT
. VJ-101 AIRCRAFT
SUPERSONIC AIRCRAFT
. VJ-101 AIRCRAFT
V/STOL AIRCRAFT
. VERTICAL TAKEOFF AIRCRAFT
. VJ-101 AIRCRAFT

VLASOV EQUATIONS

GS ANALYSIS (MATHEMATICS)
. REAL VARIABLES
. DIFFERENTIAL EQUATIONS
. PARTIAL DIFFERENTIAL EQUATIONS
. VLASOV EQUATIONS
RT ∞ EQUATIONS
STABILITY

VLBI

USE VERY LONG BASE INTERFEROMETRY

VLF EMISSION RECORDERS

RT ATMOSPHERIC RADIATION
ATMOSPHERICS
COSMIC RAYS
ELECTROMAGNETIC RADIATION
PLANETARY RADIATION
 ∞ RECORDERS
RECORDING INSTRUMENTS

VOCAL CORDS

RT GLOTTIS
LARYNX

VOCODERS

RT BANDPASS FILTERS
COMPUTERS
DIGITAL TO VOICE TRANSLATORS
FREQUENCY MODULATION
MESSAGES
RADIO COMMUNICATION
SCRAMBLING (COMMUNICATION)
SIGNAL RECEPTION
SPEECH BASEBAND COMPRESSION
VOICE COMMUNICATION
VOICE DATA PROCESSING

VOICE

GS SOUND PROPAGATION
. VOICE
RT AUDIO FREQUENCIES
SPEECH
TONGUE

VOICE COMMUNICATION

GS TELECOMMUNICATION
. VOICE COMMUNICATION
. TELEPHONY
. VOICE DATA PROCESSING
RT ACOUSTICS
CONVERSATION
ECHO SUPPRESSORS
GROUND-AIR-GROUND COMMUNICATION
RADIO COMMUNICATION
RADIOTELEPHONES
REENTRY COMMUNICATION
SCRAMBLING (COMMUNICATION)
SINGLE CHANNEL PER CARRIER
TRANSMISSION
SINGLE SIDEBAND TRANSMISSION
SPEECH
SPEECH BASEBAND COMPRESSION
VERBAL COMMUNICATION
VOCODERS
VOICE CONTROL
WIRELESS COMMUNICATION
WORDS (LANGUAGE)

VOICE CONTROL

SN (DEVICE OPERATION BY VOICE)
RT BIOENGINEERING
ROBOTS
SPEECH RECOGNITION
VOICE COMMUNICATION
VOICE DATA PROCESSING

VOICE DATA PROCESSING

GS DATA PROCESSING
. VOICE DATA PROCESSING
TELECOMMUNICATION
. VOICE COMMUNICATION
. VOICE DATA PROCESSING
RT ARTIFICIAL INTELLIGENCE
DIGITAL TO VOICE TRANSLATORS
SIGNAL ENCODING
SINGLE CHANNEL PER CARRIER
TRANSMISSION
VERBAL COMMUNICATION
VOCODERS
VOICE CONTROL

VOICE OF AMERICA

RT BROADCASTING
RADIO TRANSMISSION

VOID RATIO

UF COMPACTNESS
GS RATIOS
. VOID RATIO
RT ∞ CONDUCTIVITY
DENSITY (MASS/VOLUME)
FREE FLOW
HOLE DISTRIBUTION (MECHANICS)
PACKING DENSITY
PERMEABILITY
POROSITY
REACTOR CORES
SURFACE PROPERTIES
VOIDS

VOIDS

RT BUOYANCY
CAVITIES
CRACK GEOMETRY
DEFECTS
INCLUSIONS
INFILTRATION
INTERSTICES
PERCOLATION
PERMEABILITY
POROSITY
VOID RATIO

VOIGT EFFECT

RT BIREFRINGENCE
OPTICAL PATHS
REFRACTION
ZEEMAN EFFECT

VOLATILITY

GS THERMODYNAMIC PROPERTIES
. THERMOPHYSICAL PROPERTIES
. VOLATILITY
RT COAL GASIFICATION
EVAPORATION
FLASH POINT
PREVAPORIZATION
VAPOR PHASES
VAPOR PRESSURE
VAPORIZING

VOLATILIZATION

USE VAPORIZING

VOLCANICS

USE VOLCANOLOGY

VOLCANOES

UF ACTIVE VOLCANOES
GS GEOLOGY
. VOLCANOES
. MARS VOLCANOES
LANDFORMS
. VOLCANOES
. MARS VOLCANOES
RT BASALT
CALDERAS
CONES (VOLCANOES)
EFFUSIVES
GEOMORPHOLOGY
LAVA
MOUNTAINS

NASA THESAURUS (VOLUME 1)

VOLCANOES-(CONT.)

OROGRAPHY
PALEOMAGNETISM
PETROLOGY
ROUSE BELTS
VOLCANOLOGY

VOLCANOLOGY

UF VOLCANICS
GS GEOLOGY
. VOLCANOLOGY
RT BASALT
CALDERAS
CONES (VOLCANOES)
EFFUSIVES
GEOMORPHOLOGY
LAVA
MARS VOLCANOES
MOUNTAINS
OROGRAPHY
PALEOMAGNETISM
PETROLOGY
ROUSE BELTS
VOLCANOES

VOLT-AMPERE CHARACTERISTICS

RT ∞ CHARACTERISTICS
ELECTRIC CURRENT
ELECTRIC POTENTIAL
 ∞ ELECTRONICS
LINEAR CIRCUITS
OHMS LAW
OPEN CIRCUIT VOLTAGE
OPTOGALVANIC SPECTROSCOPY
PROXIMITY EFFECT (ELECTRICITY)
QUANTUM EFFICIENCY
VOLTAGE AMPLIFIERS

VOLTAGE

USE ELECTRIC POTENTIAL

VOLTAGE AMPLIFIERS

GS AMPLIFIERS
. VOLTAGE AMPLIFIERS
RT CURRENT AMPLIFIERS
FEEDBACK AMPLIFIERS
MAGNETIC AMPLIFIERS
PREAMPLIFIERS
VOLT-AMPERE CHARACTERISTICS

VOLTAGE BREAKDOWN

USE ELECTRICAL FAULTS

VOLTAGE CONVERTERS (AC TO AC)

GS TRANSFORMERS
. VOLTAGE CONVERTERS (AC TO AC)
RT ALTERNATING CURRENT
AUXILIARY POWER SOURCES
 ∞ CONVERTERS
 ∞ ELECTRIC EQUIPMENT
 ∞ ELECTRIC POWER
 ∞ POWER SUPPLIES

VOLTAGE CONVERTERS (DC TO DC)

RT AUXILIARY POWER SOURCES
 ∞ CONVERTERS
DIRECT CURRENT
ELECTRIC BATTERIES
 ∞ ELECTRIC EQUIPMENT
 ∞ ELECTRIC POWER
 ∞ POWER SUPPLIES
POWER SUPPLY CIRCUITS

VOLTAGE GENERATORS

GS VOLTAGE GENERATORS
. PHOTOVOLTAIC CELLS
RT ARC GENERATORS
ELECTROSTATIC GENERATORS
FUNCTION GENERATORS
 ∞ GENERATORS
SIGNAL GENERATORS

VOLTAGE MEASUREMENT

USE ELECTRICAL MEASUREMENT

VOLTAGE REGULATORS

GS REGULATORS
. VOLTAGE REGULATORS
RT AVALANCHE DIODES
CIRCUIT PROTECTION
CONTROLLERS
CURRENT REGULATORS
ELECTRIC SWITCHES
ELECTRONIC CONTROL

VOLTAGE REGULATORS-(CONT.)

POWER SUPPLY CIRCUITS
SWITCHING CIRCUITS
TRANSFORMERS
TRANSMISSION LOSS

VOLTAGE VARIATION INDICATORS

USE VOLTMETERS

VOLTERRA EQUATIONS

GS ANALYSIS (MATHEMATICS)
. FUNCTIONAL ANALYSIS
. INTEGRAL EQUATIONS
. . . **VOLTERRA EQUATIONS**
RT NONLINEARITY
 ∞ RADIATION

VOLTMETERS

UF VOLTAGE VARIATION INDICATORS
GS MEASURING INSTRUMENTS
. **VOLTMETERS**
. . MILLIVOLTMETERS
RT AMMETERS
COULOMETERS
ELECTROMETERS
POTENTIOMETERS (INSTRUMENTS)

VOLUME

GS **VOLUME**
. BODY VOLUME (BIOLOGY)
RT AREA
 ∞ CAPACITY
DIMENSIONS
FRUSTUMS
GEOMETRY
ISOTHERM PROCESSES
RATES (PER TIME)
THICKNESS
VOLUMETRIC ANALYSIS
WEIGHT (MASS)

VOLUMETRIC ANALYSIS

GS CHEMICAL TESTS
. CHEMICAL ANALYSIS
. . **VOLUMETRIC ANALYSIS**
RT ANALYTICAL CHEMISTRY
GAS ANALYSIS
QUANTITATIVE ANALYSIS
VOLUME

VOLUMETRIC STRAIN

GS FATIGUE (MATERIALS)
. **VOLUMETRIC STRAIN**
RT DEFORMATION
STRUCTURAL STRAIN
TEMPERATURE INVERSIONS

VOMITING

RT MOTION SICKNESS
NAUSEA

VON ARDENNE DUOPLASMATRONS

GS ION SOURCES
. PLASMATRONS
. . DUOPLASMATRONS
. . . **VON ARDENNE DUOPLASMATRONS**
PLASMA GENERATORS
. PLASMATRONS
. . DUOPLASMATRONS
. . . **VON ARDENNE DUOPLASMATRONS**
RT ELECTRIC DISCHARGES
ION PROPULSION
PLASMA PROPULSION

VON KARMAN EQUATION

GS FLOW EQUATIONS
. **VON KARMAN EQUATION**
RT FLOW STABILITY
KARMAN VORTEX STREET
VORTEX BREAKDOWN
VORTEX STREETS
VORTICITY EQUATIONS

VON MISES THEORY

USE STRESS FUNCTIONS

VON ZEIPER METHOD

RT EQUATIONS OF MOTION
HAMILTONIAN FUNCTIONS
 ∞ METHODOLOGY
PERTURBATION THEORY

VOODOO AIRCRAFT

USE F-101 AIRCRAFT

VOR SYSTEMS

USE VHF OMNIRANGE NAVIGATION

VORTEX ADVISORY SYSTEM

RT AIR TRAFFIC CONTROL
AIRCRAFT APPROACH SPACING
AIRCRAFT WAKES
TURBULENT WAKES
VORTEX ALLEVIATION

VORTEX ALLEVIATION

RT AIRCRAFT WAKES
DRAG DEVICES
GUST ALLEVIATORS
PROTUBERANCES
SPOILERS
VORTEX ADVISORY SYSTEM
VORTICES
WAKES
WINGLETS

VORTEX AVOIDANCE

GS AVOIDANCE
. **VORTEX AVOIDANCE**
RT AERODYNAMIC STABILITY
AIR TRAFFIC CONTROL
AIRCRAFT APPROACH SPACING
AIRCRAFT LANDING
BUFFETING
GUSTS
ROTATION
SAFETY
TURBULENT FLOW
VORTICES
WINGLETS

VORTEX BREAKDOWN

RT FLOW STABILITY
TURBULENT FLOW
VON KARMAN EQUATION
VORTEX FLAPS

VORTEX COLUMNS

USE VORTICES

VORTEX DISTURBANCES

USE VORTICES

VORTEX FILAMENTS

RT ∞ FILAMENTS
FLOW STABILITY
FLUID DYNAMICS
TURBULENCE
VORTICES

VORTEX FLAPS

GS AIRFOILS
. FLAPS (CONTROL SURFACES)
. . WING FLAPS
. . . **VORTEX FLAPS**
RT AERODYNAMIC DRAG
CONTROL SURFACES
JET FLAPS
LEADING EDGE FLAPS
LEADING EDGES
LIFT AUGMENTATION
SEPARATED FLOW
TRAILING EDGES
TRAILING-EDGE FLAPS
VORTEX BREAKDOWN
VORTICES
WING LOADING

VORTEX FLOW

USE VORTICES

VORTEX GENERATION

USE VORTEX GENERATORS

VORTEX GENERATORS

UF VORTEX GENERATION
RT AIRFOIL FENCES
BOUNDARY LAYER CONTROL
BOUNDARY LAYER SEPARATION
 ∞ GENERATORS
HILSCH TUBES
INLET FLOW
VORTICES
WING SLOTS

VORTEX INJECTORS

GS INJECTORS
. **VORTEX INJECTORS**

VORTEX RINGS

RT ∞ RINGS
TRAPPED VORTEXES
VORTICES

VORTEX SHEDDING

GS FLUID MECHANICS
. FLUID DYNAMICS
. . **VORTEX SHEDDING**
RT SHEDDING
VORTICES

VORTEX SHEETS

RT AIRCRAFT DESIGN
FLOW DISTRIBUTION
ROTATING FLUIDS
 ∞ SHEETS
TURBULENT WAKES
VORTICES
VORTICITY

VORTEX STREETS

GS **VORTEX STREETS**
. KARMAN VORTEX STREET
RT DISCONTINUITY
 ∞ SHEETS
TURBULENT WAKES
VON KARMAN EQUATION
VORTICES

VORTEX TRAPS

USE TRAPPED VORTEXES

VORTEX TUBES

USE HILSCH TUBES
VORTICES

VORTICES

UF EDDIES
ROTATIONAL FLOW
VORTEX COLUMNS
VORTEX DISTURBANCES
VORTEX FLOW
VORTEX TUBES
GS **VORTICES**
. TRAPPED VORTEXES
. WING TIP VORTICES
RT ABRIKOSOV THEORY
AGITATION
CAVITATION FLOW
COUNTERFLOW
 ∞ DISTURBANCES
DIVERGENCE
FLOW DISTORTION
FLOW STABILITY
FLUID FLOW
HILSCH TUBES
KOLMOGOROFF THEORY
METEOROLOGICAL SOLENOIDS
MIXING
PLANETARY WAVES
RECIRCULATIVE FLUID FLOW
ROTATING FLUIDS
ROTATING LIQUIDS
ROTATION
SECONDARY FLOW
STROUHAL NUMBER
SUPERCONDUCTIVITY
SUPERFLUIDITY
THRUST DISTRIBUTION
TURBULENCE
TURBULENT FLOW
TURBULENT MIXING
VORTEX ALLEVIATION
VORTEX AVOIDANCE
VORTEX FILAMENTS
VORTEX FLAPS
VORTEX GENERATORS
VORTEX RINGS
VORTEX SHEDDING
VORTEX SHEETS
VORTEX STREETS
VORTICITY
WAKES

VORTICITY

GS ALGEBRA
. VECTOR SPACES
. . VECTORS (MATHEMATICS)
. . . **VORTICITY**
ANALYSIS (MATHEMATICS)
. CALCULUS
. . VECTOR ANALYSIS
. . . CURL (VECTORS)
. . . . **VORTICITY**

VORTICITY EQUATIONS

VORTICITY-(CONT.)

REAL VARIABLES
 VECTOR ANALYSIS
 CURL (VECTORS)
 VORTICITY
 GEOMETRY
 VECTOR ANALYSIS
 CURL (VECTORS)
 VORTICITY
 RT ATMOSPHERIC CIRCULATION
 BELTRAMI FLOW
 CROCCO METHOD
 FLOW STABILITY
 HELMHOLTZ VORTICITY EQUATION
 POTENTIAL FLOW
 SECONDARY FLOW
 TRAPPED VORTEXES
 TURBULENCE
 VORTEX SHEETS
 VORTICES

VORTICITY EQUATIONS

GS FLOW EQUATIONS
 VORTICITY EQUATIONS
 RT ANALYSIS (MATHEMATICS)
 KARMAN VORTEX STREET
 VON KARMAN EQUATION

VORTICITY TRANSPORT HYPOTHESIS

GS HYPOTHESES
 VORTICITY TRANSPORT HYPOTHESIS
 RT CONSERVATION EQUATIONS
 EDDY CURRENTS
 MIXING LENGTH FLOW THEORY
 TURBULENT FLOW

VOSKHOD MANNED SPACECRAFT

GS MANNED SPACECRAFT
 VOSKHOD MANNED SPACECRAFT
 VOSKHOD 1 SPACECRAFT
 VOSKHOD 2 SPACECRAFT
 REENTRY VEHICLES
 RECOVERABLE SPACECRAFT
 VOSKHOD MANNED SPACECRAFT
 VOSKHOD 1 SPACECRAFT
 VOSKHOD 2 SPACECRAFT
 SOFT LANDING SPACECRAFT
 VOSKHOD MANNED SPACECRAFT
 VOSKHOD 1 SPACECRAFT
 VOSKHOD 2 SPACECRAFT
 RT SPACE CAPSULES

VOSKHOD 1 SPACECRAFT

GS MANNED SPACECRAFT
 VOSKHOD MANNED SPACECRAFT
 VOSKHOD 1 SPACECRAFT
 REENTRY VEHICLES
 RECOVERABLE SPACECRAFT
 VOSKHOD MANNED SPACECRAFT
 VOSKHOD 1 SPACECRAFT
 SOFT LANDING SPACECRAFT
 VOSKHOD MANNED SPACECRAFT
 VOSKHOD 1 SPACECRAFT

VOSKHOD 2 SPACECRAFT

GS MANNED SPACECRAFT
 VOSKHOD MANNED SPACECRAFT
 VOSKHOD 2 SPACECRAFT
 REENTRY VEHICLES
 RECOVERABLE SPACECRAFT
 VOSKHOD MANNED SPACECRAFT
 VOSKHOD 2 SPACECRAFT
 SOFT LANDING SPACECRAFT
 VOSKHOD MANNED SPACECRAFT
 VOSKHOD 2 SPACECRAFT

VOSTOK SPACECRAFT

GS MANNED SPACECRAFT
 VOSTOK SPACECRAFT
 VOSTOK 1 SPACECRAFT
 VOSTOK 2 SPACECRAFT
 VOSTOK 3 SPACECRAFT
 VOSTOK 4 SPACECRAFT
 VOSTOK 5 SPACECRAFT
 VOSTOK 6 SPACECRAFT
 REENTRY VEHICLES
 RECOVERABLE SPACECRAFT
 VOSTOK SPACECRAFT
 VOSTOK 1 SPACECRAFT
 VOSTOK 2 SPACECRAFT
 VOSTOK 3 SPACECRAFT
 VOSTOK 4 SPACECRAFT
 VOSTOK 5 SPACECRAFT
 VOSTOK 6 SPACECRAFT
 SOFT LANDING SPACECRAFT

VOSTOK SPACECRAFT-(CONT.)

VOSTOK SPACECRAFT
 VOSTOK 1 SPACECRAFT
 VOSTOK 2 SPACECRAFT
 VOSTOK 3 SPACECRAFT
 VOSTOK 4 SPACECRAFT
 VOSTOK 5 SPACECRAFT
 VOSTOK 6 SPACECRAFT
 RT SPACE CAPSULES

VOSTOK 1 SPACECRAFT

GS MANNED SPACECRAFT
 VOSTOK SPACECRAFT
 VOSTOK 1 SPACECRAFT
 REENTRY VEHICLES
 RECOVERABLE SPACECRAFT
 VOSTOK SPACECRAFT
 VOSTOK 1 SPACECRAFT
 SOFT LANDING SPACECRAFT
 VOSTOK SPACECRAFT
 VOSTOK 1 SPACECRAFT

VOSTOK 2 SPACECRAFT

GS MANNED SPACECRAFT
 VOSTOK SPACECRAFT
 VOSTOK 2 SPACECRAFT
 REENTRY VEHICLES
 RECOVERABLE SPACECRAFT
 VOSTOK SPACECRAFT
 VOSTOK 2 SPACECRAFT
 SOFT LANDING SPACECRAFT
 VOSTOK SPACECRAFT
 VOSTOK 2 SPACECRAFT

VOSTOK 3 SPACECRAFT

GS MANNED SPACECRAFT
 VOSTOK SPACECRAFT
 VOSTOK 3 SPACECRAFT
 REENTRY VEHICLES
 RECOVERABLE SPACECRAFT
 VOSTOK SPACECRAFT
 VOSTOK 3 SPACECRAFT
 SOFT LANDING SPACECRAFT
 VOSTOK SPACECRAFT
 VOSTOK 3 SPACECRAFT

VOSTOK 4 SPACECRAFT

GS MANNED SPACECRAFT
 VOSTOK SPACECRAFT
 VOSTOK 4 SPACECRAFT
 REENTRY VEHICLES
 RECOVERABLE SPACECRAFT
 VOSTOK SPACECRAFT
 VOSTOK 4 SPACECRAFT
 SOFT LANDING SPACECRAFT
 VOSTOK SPACECRAFT
 VOSTOK 4 SPACECRAFT

VOSTOK 5 SPACECRAFT

GS MANNED SPACECRAFT
 VOSTOK SPACECRAFT
 VOSTOK 5 SPACECRAFT
 REENTRY VEHICLES
 RECOVERABLE SPACECRAFT
 VOSTOK SPACECRAFT
 VOSTOK 5 SPACECRAFT
 SOFT LANDING SPACECRAFT
 VOSTOK SPACECRAFT
 VOSTOK 5 SPACECRAFT

VOSTOK 6 SPACECRAFT

GS MANNED SPACECRAFT
 VOSTOK SPACECRAFT
 VOSTOK 6 SPACECRAFT
 REENTRY VEHICLES
 RECOVERABLE SPACECRAFT
 VOSTOK SPACECRAFT
 VOSTOK 6 SPACECRAFT
 SOFT LANDING SPACECRAFT
 VOSTOK SPACECRAFT
 VOSTOK 6 SPACECRAFT

VOTING

RT GOVERNMENTS
 LAW (JURISPRUDENCE)
 MINORITIES
 POLITICS
 SOVEREIGNTY

VOWELS

RT CONSONANTS (SPEECH)
 GRAMMARS
 LANGUAGES
 WORDS (LANGUAGE)

NASA THESAURUS (VOLUME 1)

VOYAGER PROJECT

GS PROGRAMS
 PROJECTS
 VOYAGER PROJECT
 RT BEAGLE PROJECT
 MARS PROBES
 SATURN PROJECT
 SPACE PROBES
 UNMANNED SPACECRAFT
 VENUS PROBES

VOYAGER 1 SPACECRAFT

GS INTERPLANETARY SPACECRAFT
 VOYAGER 1 SPACECRAFT
 UNMANNED SPACECRAFT
 VOYAGER 1 SPACECRAFT
 RT FLYBY MISSIONS
 GRAND TOURS
 JUPITER (PLANET)
 JUPITER PROBES
 JUPITER RINGS
 SPACE PROBES
 SPACECRAFT

VOYAGER 2 SPACECRAFT

GS INTERPLANETARY SPACECRAFT
 VOYAGER 2 SPACECRAFT
 UNMANNED SPACECRAFT
 VOYAGER 2 SPACECRAFT
 RT FLYBY MISSIONS
 GRAND TOURS
 JUPITER (PLANET)
 JUPITER PROBES
 SPACE PROBES
 SPACECRAFT

VOYAGER 1977 MISSION

GS FLYBY MISSIONS
 GRAND TOURS
 VOYAGER 1977 MISSION
 RT INTERPLANETARY SPACECRAFT
 JUPITER (PLANET)
 JUPITER PROBES
 MISSIONS
 SOLAR SYSTEM
 SPACE PROBES

VOYAGEUR HELICOPTER

USE CH-46 HELICOPTER

VTOL

USE VERTICAL LANDING
 VERTICAL TAKEOFF

VTOL AIRCRAFT

USE VERTICAL TAKEOFF AIRCRAFT

VULCAN AIRCRAFT

UF AVRO 698 AIRCRAFT
 GS ATTACK AIRCRAFT
 BOMBER AIRCRAFT
 VULCAN AIRCRAFT
 HAWKER SIDDELEY AIRCRAFT
 VULCAN AIRCRAFT
 JET AIRCRAFT
 VULCAN AIRCRAFT
 TAILLESS AIRCRAFT
 VULCAN AIRCRAFT
 RT AVRO 707 AIRCRAFT
 HARRIER AIRCRAFT

VULCANIZATES

USE VULCANIZED ELASTOMERS

VULCANIZED ELASTOMERS

UF GUM VULCANIZATES
 VULCANIZATES
 GS RUBBER
 SYNTHETIC RUBBERS
 ELASTOMERS
 VULCANIZED ELASTOMERS
 RT ADDITION RESINS
 POLYETHER RESINS
 THERMOPLASTIC RESINS
 VULCANIZING

VULCANIZING

GS CROSSLINKING
 VULCANIZING
 RT CURING
 VULCANIZED ELASTOMERS

VULNERABILITY

GS VULNERABILITY

VULNERABILITY-(CONT.)

RT . NUCLEAR VULNERABILITY
 AIRCRAFT RELIABILITY
 AIRCRAFT SURVIVABILITY
 AIRPORT SECURITY
 DURABILITY
 INTEGRITY
 LIFE (DURABILITY)
 OBSTACLE AVOIDANCE
 PENETRATION
 PIERCING
 RELIABILITY
 ∞ RESISTANCE
 SECURITY
 SENSITIVITY
 SPACECRAFT DEFENSE
 SPACECRAFT SURVIVABILITY
 STABILITY

VYCOR

GS FIBERS
 . SYNTHETIC FIBERS
 . . VYCOR
 GLASS
 . VYCOR
 SEMICONDUCTORS (MATERIALS)
 . VYCOR
 RT GLASS FIBERS
 ∞ MATERIALS
 SILICON DIOXIDE

VZ-2 AIRCRAFT

GS BOEING AIRCRAFT
 . VZ-2 AIRCRAFT
 RESEARCH AIRCRAFT
 . VZ-2 AIRCRAFT
 TILT WING AIRCRAFT
 . VZ-2 AIRCRAFT
 V/STOL AIRCRAFT
 . VZ-2 AIRCRAFT

VZ-3 AIRCRAFT

GS MONOPLANES
 . VZ-3 AIRCRAFT
 RESEARCH AIRCRAFT
 . VZ-3 AIRCRAFT
 RYAN AIRCRAFT
 . VZ-3 AIRCRAFT
 V/STOL AIRCRAFT
 . SHORT TAKEOFF AIRCRAFT
 . . VZ-3 AIRCRAFT

VZ-8 AIRCRAFT

UF AIRGEEP AIRCRAFT
 GS LIGHT AIRCRAFT
 . VZ-8 AIRCRAFT
 PIASECKI AIRCRAFT
 . VZ-8 AIRCRAFT
 RESEARCH AIRCRAFT
 . VZ-8 AIRCRAFT
 V/STOL AIRCRAFT
 . VERTICAL TAKEOFF AIRCRAFT
 . . VZ-8 AIRCRAFT
 RT FLYING PLATFORMS

VZ-10 AIRCRAFT

USE XV-4 AIRCRAFT

VZ-11 AIRCRAFT

USE XV-5 AIRCRAFT

VZ-12 AIRCRAFT

USE P-1127 AIRCRAFT

W**W WINGS**

USE VARIABLE SWEEP WINGS

W-R STARS

USE WOLF-RAYET STARS

WA-116 AUTOGIRO

UF BEAGLE-WALLIS WA-116 AUTOGYRO
 GS BEAGLE AIRCRAFT
 . WA-116 AUTOGIRO
 RESEARCH AIRCRAFT
 . WA-116 AUTOGIRO
 V/STOL AIRCRAFT
 . ROTARY WING AIRCRAFT
 . . AUTOGYROS

WA-116 AUTOGIRO-(CONT.)

. . . WA-116 AUTOGIRO

WABASH RIVER BASIN (IL-IN-OH)

GS LANDFORMS
 . STRUCTURAL BASINS
 . . RIVER BASINS
 . . . WABASH RIVER BASIN (IL-IN-OH)
 RT ILLINOIS
 INDIANA
 OHIO
 RIVERS

WADIS

GS LANDFORMS
 . STRUCTURAL BASINS
 . . RIVER BASINS
 . . . WADIS
 RT ARID LANDS
 RIVERS
 STREAMS
 TOPOGRAPHY
 VALLEYS
 WATER RUNOFF

WAFERS

RT MICROELECTRONICS
 MICROMINIATURIZATION
 MINIATURIZATION
 PHOTOMASKS
 SEMICONDUCTOR DEVICES
 SOLID STATE DEVICES
 THIN FILMS
 VERTICAL JUNCTION SOLAR CELLS

WAGE SURVEYS

GS REPORTS
 . WAGE SURVEYS
 SURVEYS
 . WAGE SURVEYS
 RT COST ANALYSIS
 COST ESTIMATES
 COST REDUCTION
 EMPLOYEE RELATIONS
 FINANCE
 PERSONNEL

WAKEFULNESS

RT ALERTNESS
 SLEEP DEPRIVATION

WAKES

GS WAKES
 . AIRCRAFT WAKES
 . . HELICOPTER WAKES
 . . SLIPSTREAMS
 . . . PROPELLER SLIPSTREAMS
 . HYPERSONIC WAKES
 . LAMINAR WAKES
 . NEAR WAKES
 . SUPERSONIC WAKES
 . TURBULENT WAKES
 . . SLIPSTREAMS
 . . . PROPELLER SLIPSTREAMS
 RT BACKWASH
 BASE FLOW
 BUBBLES
 CAVITATION FLOW
 CONTRAILS
 DOWNWASH
 ∞ DRAFT
 DRAG
 GROUND EFFECT
 STROUHAL NUMBER
 TURBULENCE
 VORTEX ALLEVIATION
 VORTICES

WALKING

GS LOCOMOTION
 . WALKING
 RT PHYSICAL EXERCISE

WALKING MACHINES

GS SURFACE VEHICLES
 . WALKING MACHINES
 RT ASTRONAUT MANEUVERING EQUIPMENT
 LUNAR SURFACE VEHICLES
 ∞ MACHINERY
 MANNED LUNAR SURFACE VEHICLES
 PROSTHETIC DEVICES

WALL FLOW

GS FLUID FLOW

WALL FLOW-(CONT.)

RT . WALL FLOW
 BOUNDARY LAYER FLOW
 CHANNEL FLOW
 CONICAL FLOW
 DISCHARGE COEFFICIENT
 DUCTED FLOW
 HEAT TRANSMISSION
 MANNING THEORY
 TWO DIMENSIONAL FLOW
 TWO DIMENSIONAL JETS

WALL JETS

RT FLUID AMPLIFIERS
 JET BOUNDARIES
 JET FLOW
 JET VANES
 ∞ JETS

WALL PRESSURE

GS PRESSURE
 . WALL PRESSURE
 RT BOUNDARY LAYERS
 PRESSURE DISTRIBUTION
 PRESSURE VESSELS
 THICK WALLS

WALL TEMPERATURE

GS SURFACE PROPERTIES
 . SURFACE TEMPERATURE
 . . WALL TEMPERATURE
 TEMPERATURE
 . SURFACE TEMPERATURE
 . . WALL TEMPERATURE
 RT OPERATING TEMPERATURE
 THICK WALLS

WALLOPS ISLAND

GS LANDFORMS
 . ISLANDS
 . . WALLOPS ISLAND
 RT ATLANTIC OCEAN
 VIRGINIA

WALLS

UF COLD WALLS
 GS WALLS
 . BULKHEADS
 . NOZZLE WALLS
 . POROUS WALLS
 . THICK WALLS
 . THIN WALLS
 . TROMBE WALLS
 . WIND TUNNEL WALLS
 RT ∞ BARRIERS
 ∞ BUILDINGS
 CURTAINS
 ENCLOSURES
 FLOORS
 GATES (OPENINGS)
 HOUSINGS
 LIMITERS (FUSION REACTORS)
 PANELS
 PARTITIONS (STRUCTURES)
 SANDWICH STRUCTURES
 SHEATHS
 SHELLS (STRUCTURAL FORMS)
 SIDES
 STUDS (STRUCTURAL MEMBERS)
 SUBSTRUCTURES
 TILES

WALSH FUNCTION

GS FUNCTIONS (MATHEMATICS)
 . ORTHOGONAL FUNCTIONS
 . . WALSH FUNCTION
 RT FAST FOURIER TRANSFORMATIONS
 FOURIER TRANSFORMATION
 FUNCTIONAL ANALYSIS
 MATRICES (MATHEMATICS)

WANKEL ENGINES

GS ENGINES
 . INTERNAL COMBUSTION ENGINES
 . . WANKEL ENGINES
 RT AIRCRAFT ENGINES
 AUTOMOBILE ENGINES
 PISTON ENGINES

WAR GAMES

RT DIGITAL SIMULATION
 GAME THEORY
 MATHEMATICAL MODELS
 OPERATIONS RESEARCH
 SIMULATION

WARFARE

WARFARE

- GS WARFARE
 - . ANTISHIP WARFARE
 - . ANTISUBMARINE WARFARE
 - . CHEMICAL WARFARE
 - . COMBAT
 - . ELECTRONIC WARFARE
 - . GUERRILLAS
 - . NUCLEAR WARFARE
- RT ATTACKING (ASSAULTING)
 - B-1 AIRCRAFT
 - CHEMICAL DEFENSE
 - EVASIVE ACTIONS
 - INFILTRATION
 - INTERNATIONAL LAW
 - ORDNANCE
 - PEACETIME
 - POLITICS
 - STRATEGY
 - VIOLENCE

WARHEADS

- GS WEAPONS
 - . WARHEADS
 - . NUCLEAR WARHEADS
 - . PRECISION GUIDED PROJECTILES
- RT AMMUNITION
 - ANTISHIP WARFARE
 - BOMBS (ORDNANCE)
 - EXPLOSIVE DEVICES
 - EXPLOSIVES
- ∞ FUSES
 - FUSES (ORDNANCE)
 - MISSILE COMPONENTS
 - MISSILES
 - NOSE CONES
 - NUCLEAR DEVICES
 - NUCLEAR WEAPONS
 - PAYLOADS
 - PROJECTILES
- ∞ ROCKETS
 - SHAPED CHARGES
 - TORPEDOES

WARM FRONTS

- GS FRONTS (METEOROLOGY)
 - . WARM FRONTS
- RT AIR MASSES
 - COLD FRONTS
- ∞ FRONTS
 - METEOROLOGICAL PARAMETERS
 - METEOROLOGY
 - STORMS
 - SYNOPTIC METEOROLOGY
 - THUNDERSTORMS
 - TORNADOES
 - WEATHER FORECASTING

WARMING

- USE HEATING

WARNING

- RT ACCIDENT PREVENTION
 - AUDITORY SIGNALS
 - BELLS
 - CIVIL DEFENSE
 - COLLISION AVOIDANCE
 - DETECTION
- ∞ DETECTORS
 - EARLY WARNING SYSTEMS
 - FIRE PREVENTION
 - HORNS
 - MINE DETECTORS
 - MONITORS
 - PROTECTION
 - SAFETY
 - SAFETY DEVICES

WARNING DEVICES

- USE WARNING SYSTEMS

WARNING SIGNALS

- USE WARNING SYSTEMS

WARNING STAR AIRCRAFT

- USE EC-121 AIRCRAFT

WARNING SYSTEMS

- UF ALARMS
 - COLLISION WARNING DEVICES
 - WARNING DEVICES
 - WARNING SIGNALS
- GS WARNING SYSTEMS
 - . EARLY WARNING SYSTEMS

WARNING SYSTEMS-(CONT.)

- . BALLISTIC MISSILE EARLY WARNING SYSTEM
- RT ACCIDENT PREVENTION
 - AUDITORY SIGNALS
 - AVOIDANCE
 - BELLS
 - CIVIL DEFENSE
 - COLLISION AVOIDANCE
 - DETECTION
- ∞ DETECTORS
 - DISPLAY DEVICES
 - EXPLOSIONS
 - FIRE PREVENTION
 - FIRES
 - GAS DETECTORS
 - HAZARDS
 - HEAD-UP DISPLAYS
 - HORNS
 - MONITORS
 - NATIONAL SEVERE STORMS PROJECT
 - POLLUTION MONITORING
 - PROTECTION
 - PUBLIC ADDRESS SYSTEMS
 - SAFETY
 - SAFETY DEVICES
 - SAFETY MANAGEMENT
 - SANITATION
 - SIRENS
 - SOUND GENERATORS
- ∞ SYSTEMS
 - THREAT EVALUATION

WARPAGE

- RT BENDING
 - BUCKLING
 - CAMBER
 - DAMAGE
 - DEFORMATION
 - DISTORTION
 - GROWTH
 - HEAVING
 - PLASTIC DEFORMATION
 - SHRINKAGE
 - STRUCTURAL STRAIN
 - SURFACE DISTORTION
 - THERMAL EXPANSION
 - TWISTING

∞ WASHERS

- SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)*
- RT WASHERS (CLEANERS)
 - WASHERS (SPACERS)

WASHERS (CLEANERS)

- RT CLEANERS
 - CONCENTRATORS
 - EXTRACTION
 - SEPARATORS
- ∞ WASHERS
 - WASHING

WASHERS (SPACERS)

- GS FASTENERS
 - . WASHERS (SPACERS)
- RT INSERTS
 - SEPARATORS
 - SPACERS
- ∞ WASHERS

WASHING

- UF SCRUBBING
- GS WASHING
 - . HOUSEKEEPING (SPACECRAFT)
- RT BATHING
 - BENEFICIATION
 - CLEANING
 - DECONTAMINATION
 - DISSOLVING
 - DISTILLATION
 - ELUTION
 - FLUSHING
 - PURIFICATION
 - SCRUBBERS
- ∞ SEPARATION
 - WASHERS (CLEANERS)
 - WASTE WATER

WASHINGTON

- GS UNITED STATES OF AMERICA
 - . WASHINGTON
- RT CASCADE RANGE (CA-OR-WA)

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WASHINGTON-(CONT.)

- COLUMBIA RIVER BASIN (ID-OR-WA)

WASHINGTON COUNTY METEORITE

- GS CELESTIAL BODIES
 - . METEORITES
 - . IRON METEORITES
 - . . . WASHINGTON COUNTY METEORITE

WASHOUT (RADIOACTIVITY)

- USE FALLOUT

WASP SOUNDING ROCKET

- UF HIGH ALTITUDE SOUNDING PROJECTILE
 - WINDOW ATMOSPHERE SOUNDING PROJECTILE
- GS ROCKET VEHICLES
 - . MULTISTAGE ROCKET VEHICLES
 - . . WASP SOUNDING ROCKET
 - . SOUNDING ROCKETS
 - . . WASP SOUNDING ROCKET
- RT LOKI ROCKET VEHICLE
 - SOLID PROPELLANT ROCKET ENGINES

WASPALOY

- GS ALLOYS
 - . HEAT RESISTANT ALLOYS
 - . . WASPALOY
 - . NICKEL ALLOYS
 - . . WASPALOY
- RT CHROMIUM ALLOYS
 - COBALT ALLOYS
 - WROUGHT ALLOYS

WASTE DISPOSAL

- GS DISPOSAL
 - . WASTE DISPOSAL
 - . . COMPOSTING
- RT AIR POLLUTION
 - DEEP WELL INJECTION (WASTES)
 - DEWATERING
 - DILUTION
 - DISSIPATION
 - DRAINAGE
 - EFFLUENTS
 - ELIMINATION
 - ENVIRONMENT EFFECTS
 - ENVIRONMENT POLLUTION
 - ENVIRONMENT PROTECTION
 - ENVIRONMENTAL CHEMISTRY
 - ENVIRONMENTAL ENGINEERING
 - ENVIRONMENTAL SURVEYS
 - EXHAUST GASES
 - EXHAUST SYSTEMS
 - GARBAGE
 - HUMAN WASTES
 - INCINERATORS
 - INDUSTRIAL WASTES
 - LANDFILLS
 - MANURES
 - MATERIALS HANDLING
 - METABOLIC WASTES
 - MINES (EXCAVATIONS)
 - MODULAR INTEGRATED UTILITY SYSTEM
 - PIPELINES
 - PLASMA CORE REACTORS
 - POLLUTION
 - PONDS
 - RADIOACTIVE WASTES
 - SANITATION
 - SEWAGE
 - SEWAGE TREATMENT
 - SEWERS
 - SOLID WASTES
 - SPACE FLIGHT FEEDING
- ∞ STORAGE
 - SUMPS
 - UTILITIES
 - WASTES
 - WATER POLLUTION

WASTE ENERGY UTILIZATION

- GS UTILIZATION
 - . WASTE ENERGY UTILIZATION
- RT BOILERS
 - BURNERS
 - CHIMNEYS
 - COGENERATION
 - ENERGY CONVERSION
 - EXHAUST GASES
 - FURNACES
 - HEAT TRANSFER
 - HEATING
 - INCINERATORS
 - LIGHTING EQUIPMENT

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WATER EROSION

WASTE ENERGY UTILIZATION-(CONT.)
 OVENS
 SOLID WASTES
 SPACE HEATING (BUILDINGS)
 WASTES

WASTE TREATMENT
 GS **WASTE TREATMENT**
 . SEWAGE TREATMENT
 RT BACTERIA
 COMPOSTING
 GARBAGE
 RESIDUES
 SLUDGE
 ∞ TREATMENT
 WASTES

WASTE UTILIZATION
 GS UTILIZATION
 . **WASTE UTILIZATION**
 RT BIOMASS ENERGY PRODUCTION
 COMPOSTING
 HYDROCARBON FUEL PRODUCTION
 INDUSTRIAL WASTES
 LANDFILLS
 MANURES
 SOLID WASTES
 WASTES

WASTE WATER
 GS WASTES
 . LIQUID WASTES
 . . **WASTE WATER**
 WATER
 . **WASTE WATER**
 RT BATHING
 CLEANING
 FLUSHING
 INDUSTRIAL WASTES
 RESIDUES
 WASHING
 WATER COOLED REACTORS

WASTES
 GS **WASTES**
 . FECES
 . GARBAGE
 . INDUSTRIAL WASTES
 . LIQUID WASTES
 . . URINE
 . . WASTE WATER
 . MANURES
 . METABOLIC WASTES
 . . HUMAN WASTES
 . . . URINE
 . RADIOACTIVE WASTES
 . SEWAGE
 . . SOLID WASTES
 RT ACTIVATED SLUDGE
 AIR POLLUTION
 BENEFICIATION
 BY-PRODUCTS
 COMBUSTION PRODUCTS
 CONTAMINANTS
 DEBRIS
 EFFLUENTS
 ENVIRONMENT EFFECTS
 EXHAUST GASES
 FOREST FIRES
 FUMES
 GAS RECOVERY
 IMPURITIES
 LEAKAGE
 LOSSES
 NONPOINT SOURCES
 ORGANIC WASTES (FUEL CONVERSION)
 POLLUTION
 RESIDUES
 SCRAP
 SEWERS
 SLAGS
 SLUDGE
 WASTE DISPOSAL
 WASTE ENERGY UTILIZATION
 WASTE TREATMENT
 WASTE UTILIZATION

WATCHES
 USE CLOCKS

WATER
 GS **WATER**
 . COLD WATER
 . FRESH WATER
 . GREAT SALT LAKE (UT)

WATER-(CONT.)
 . HEAVY WATER
 . INLAND WATERS
 . . GROUND WATER
 . LIGHT WATER
 . NEARSHORE WATER
 . . COASTAL WATER
 . POLYWATER
 . POTABLE WATER
 . SEA WATER
 . SHALLOW WATER
 . SHOALS
 . SPRINGS (WATER)
 . SURFACE WATER
 . VADOSE WATER
 . WASTE WATER
 RT AQUIFERS
 ARROYOS
 BAY ICE
 BODY FLUIDS
 CAVITATION FLOW
 FIORDS
 HUMIDITY
 HYDRATES
 ∞ HYDRAULICS
 HYDRODYNAMICS
 HYDROGEN COMPOUNDS
 HYDROLOGY
 HYDROMECHANICS
 HYDROSTATICS
 ICE
 ISTHUSES
 LAKE ERIE
 LAKE HURON
 LAKE ICE
 LAKE MICHIGAN
 LAKE ONTARIO
 LAKE SUPERIOR
 LATERITES
 LIFE SUPPORT SYSTEMS
 LIMNOLOGY
 LIQUIDS
 MODERATORS
 MOISTURE
 MOISTURE CONTENT
 MUSKEGS
 OXIDES
 PENINSULAS
 POLLUTION
 PRECIPITATION (METEOROLOGY)
 RUNWAY CONDITIONS
 SLUSH
 SOUNDS (TOPOGRAPHIC FEATURES)
 STEAM
 STRAITS
 UTILITIES
 WATERSHEDS
 WHARVES
 WINDPOWERED PUMPS

WATER BALANCE
 GS MATERIAL BALANCE
 . **WATER BALANCE**
 RT BODY FLUIDS
 EDEMA
 ∞ EQUILIBRIUM
 HOMEOSTASIS
 HYDROMETEOROLOGY
 LYSIMETERS
 OSMOSIS
 URINATION

WATER CIRCULATION
 GS CIRCULATION
 . **WATER CIRCULATION**
 . . WATER CURRENTS
 . . . OCEAN CURRENTS
 COASTAL CURRENTS
 LOMONOSOV CURRENT
 RT LAKES
 OCEANOGRAPHY
 POLLUTION TRANSPORT
 WIND EFFECTS

WATER COLOR
 GS ELECTROMAGNETIC PROPERTIES
 . OPTICAL PROPERTIES
 . . COLOR
 . . . **WATER COLOR**
 RT LAKES
 OCEAN COLOR SCANNER
 OCEANS
 RIVERS

WATER CONSUMPTION
 GS CONSUMPTION
 . **WATER CONSUMPTION**
 RT DROUGHT
 IRRIGATION
 SEEPAGE

WATER CONTENT
 USE MOISTURE CONTENT

WATER COOLED REACTORS
 UF PHYSICAL CONSTANTS TESTING
 REACTOR
 GS NUCLEAR REACTORS
 . LIQUID COOLED REACTORS
 . . **WATER COOLED REACTORS**
 . . . BOILING WATER REACTORS
 . . . BORAX 5 REACTOR
 EXPERIMENTAL BOILING WATER
 REACTORS
 HALDEN BOILING WATER
 REACTOR
 LOS ALAMOS WATER BOILER
 REACTOR
 PATHFINDER NUCLEAR REACTOR
 SENN REACTOR
 SPERT REACTORS
 ZERO POWER REACTOR 7
 HEAVY WATER REACTORS
 HEAVY WATER COMPONENTS
 TEST REACTORS
 PLUTONIUM RECYCLE TEST
 REACTOR
 ZERO POWER REACTOR 2
 LIGHT WATER REACTORS
 NRX REACTORS
 PLUM BROOK REACTOR
 PRESSURIZED WATER REACTORS
 SPECTRAL SHIFT CONTROL
 REACTOR
 SWIMMING POOL REACTORS
 ZERO POWER REACTORS
 ZERO POWER REACTOR 2
 ZERO POWER REACTOR 3
 ZERO POWER REACTOR 6
 ZERO POWER REACTOR 7
 ZERO POWER REACTOR 9
 RT CHEMICAL REACTORS
 NUCLEAR ENGINE FOR ROCKET
 VEHICLES
 ∞ REACTORS
 WASTE WATER

WATER COOLING
 USE LIQUID COOLING

WATER CURRENTS
 UF CURRENTS (OCEANOGRAPHY)
 CIRCULATION
 GS . WATER CIRCULATION
 . . **WATER CURRENTS**
 . . . OCEAN CURRENTS
 COASTAL CURRENTS
 LOMONOSOV CURRENT
 RT ARROYOS
 ∞ CURRENTS
 OCEANOGRAPHY
 RAPIDS
 SEA ROUGHNESS
 SEA STATES
 SURFACE WAVES
 TIDES
 UPSTREAM

WATER DEPRIVATION
 GS DEPRIVATION
 . **WATER DEPRIVATION**

WATER DEPTH
 RT CNOIDAL WAVES
 COASTAL WATER
 LAKES
 NEARSHORE WATER
 OCEANS
 SHALLOW WATER
 SHOALS

WATER EROSION
 GS EROSION
 . **WATER EROSION**
 RT ARROYOS
 CANYONS
 DRAINAGE PATTERNS
 FLOOD DAMAGE
 RAIN IMPACT DAMAGE

WATER FLOW

WATER EROSION-(CONT.)

RAVINES
SOIL EROSION
WIND EROSION

WATER FLOW

GS FLUID FLOW
LIQUID FLOW
WATER FLOW
RT ALLUVIUM
CANALS
DRAINAGE
DRAINAGE PATTERNS
FLOOD DAMAGE
FLOODS
FLOW MEASUREMENT
GREAT LAKES (NORTH AMERICA)
GROUND WATER
HYDRAULICS
HYDRODYNAMICS
HYDROLOGY MODELS
OPEN CHANNEL FLOW
PIPE FLOW
RAPIDS
WATERSHEDS

WATER HAMMER

RT HYDRAULIC EQUIPMENT
HYDRODYNAMICS
PIPE FLOW
PIPELINES
RAMS (PUMPS)
SURGES
VALVES

WATER HEATING

GS HEATING
WATER HEATING
RT DOMESTIC ENERGY
GEOTHERMAL ENERGY EXTRACTION
HEAT EXCHANGERS
HEATERS
HEATING EQUIPMENT
RESIDENTIAL ENERGY
TEMPERATURE CONTROL

WATER IMMERSION

RT BATHS
LIQUID COOLING
QUENCHING (COOLING)
SINKING
SOAKING
SUBMERGED BODIES
SUBMERGING
UNDERWATER TESTS

WATER INJECTION

GS INJECTION
FLUID INJECTION
LIQUID INJECTION
WATER INJECTION
RT GAS INJECTION
PERFORATING
THRUST AUGMENTATION

WATER INTAKES

SN *(USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)*
RT AIR INTAKES
INTAKE SYSTEMS
MANIFOLDS
NOSE INLETS
PLENUM CHAMBERS
SCOOPS
SIDE INLETS

WATER JETS

USE HYDRAULIC JETS

WATER LANDING

GS LANDING
WATER LANDING
DITCHING (LANDING)
RT AIRCRAFT LANDING
CRASH LANDING
GLIDE LANDINGS
HARD LANDING
HORIZONTAL SPACECRAFT LANDING
HYDROPLANING
PLANETARY LANDING
SOFT LANDING
SPACECRAFT LANDING
SPACECRAFT RECOVERY
SPLASHING

WATER LANDING-(CONT.)

TOUCHDOWN

WATER LOSS

RT DEHYDRATION
DRYING
EVAPORATION
LOSSES

WATER MANAGEMENT

GS MANAGEMENT
RESOURCES MANAGEMENT
WATER MANAGEMENT
RT CONSERVATION
DROUGHT
ENVIRONMENT MANAGEMENT
FLOODS
HYDROLOGY
LAKE ERIE
LAKE HURON
LAKE MICHIGAN
LAKE ONTARIO
LAKE SUPERIOR
LIMNOLOGY
POTABLE WATER
PYRAMID LAKE (NV)
WATERSHEDS

WATER MASERS

GS DECAY
EMISSION
STIMULATED EMISSION
WATER MASERS
STIMULATED EMISSION DEVICES
MASERS
WATER MASERS
RT GAS LASERS
GAS MASERS
INTERSTELLAR MASERS
MASER OUTPUTS

WATER MODERATED REACTORS

GS NUCLEAR REACTORS
WATER MODERATED REACTORS
BORAX 5 REACTOR
EXPERIMENTAL BOILING WATER
REACTORS
HEAVY WATER COMPONENTS TEST
REACTORS
PLUTONIUM RECYCLE TEST
REACTOR
SENN REACTOR
RT LIGHT WATER REACTORS

WATER POLLUTION

GS POLLUTION
ENVIRONMENT POLLUTION
WATER POLLUTION
OIL POLLUTION
RT ALKALINITY
BIOCHEMICAL OXYGEN DEMAND
CLEAN ENERGY
CONTAMINATION
DROUGHT
ENVIRONMENT EFFECTS
ENVIRONMENT PROTECTION
ENVIRONMENTAL CHEMISTRY
ENVIRONMENTAL QUALITY
ENVIRONMENTAL SURVEYS
INLAND WATERS
LANDFILLS
LIMNOLOGY
LYSIMETERS
MARINE RESOURCES
OIL SLICKS
POLLUTION MONITORING
POLLUTION TRANSPORT
PURITY
THERMAL POLLUTION
WASTE DISPOSAL

WATER PRESSURE

GS PRESSURE
FLUID PRESSURE
WATER PRESSURE
RT HYDRAULICS
HYDRODYNAMICS
HYDROSTATIC PRESSURE
HYDROSTATICS
INLET PRESSURE
PIPE FLOW

WATER PURIFICATION

USE WATER TREATMENT

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WATER QUALITY

GS QUALITY
ENVIRONMENTAL QUALITY
WATER QUALITY
RT ALKALINITY
ENVIRONMENT EFFECTS

WATER RECLAMATION

UF WATER RECOVERY
GS RECLAMATION
MATERIALS RECOVERY
WATER RECLAMATION
RT CONSERVATION
DEWATERING
DROUGHT
POLLUTION

WATER RECOVERY

USE WATER RECLAMATION

WATER RESOURCES

GS RESOURCES
EARTH RESOURCES
WATER RESOURCES
RT ENVIRONMENT EFFECTS
ENVIRONMENT MANAGEMENT
GREAT LAKES (NORTH AMERICA)
GROUND WATER
HYDROLOGY
INLAND WATERS
INTERNATIONAL HYDROLOGICAL
DECADE
LAKES
LIMNOLOGY
OCEANS
PONDS
POTABLE WATER
PRECIPITATION (METEOROLOGY)
PYRAMID LAKE (NV)
RAINMAKING
RESERVOIRS
SEA WATER
UNDERWATER RESOURCES
WETLANDS
WINDPOWERED PUMPS

WATER RUNOFF

RT DRAINAGE
GROUND WATER
INLAND WATERS
RESOURCES MANAGEMENT
RIVERS
WADIS

WATER TABLES

RT AQUIFERS
DRAINAGE
GROUND WATER
POTABLE WATER
SPRINGS (WATER)
VADOSE WATER
WATERSHEDS

WATER TAKEOFF AND LANDING AIRCRAFT

GS WATER TAKEOFF AND LANDING
AIRCRAFT
SEAPLANES
SUNDERLAND 5 FLYING BOAT
RT AIRCRAFT
AMPHIBIOUS AIRCRAFT
ANTISUBMARINE WARFARE AIRCRAFT
COMMERCIAL AIRCRAFT
GROUND EFFECT MACHINES
HOVERCRAFT GROUND EFFECT
MACHINES
KAG-3 GROUND EFFECT MACHINE
LIGHT AIRCRAFT
MONOPLANES
PASSENGER AIRCRAFT
RECONNAISSANCE AIRCRAFT
S-61 HELICOPTER
SEA LAUNCHING
SUBMERSIBLE AIRCRAFT
SUBSONIC AIRCRAFT
TRANSPORT AIRCRAFT
UTILITY AIRCRAFT

WATER TEMPERATURE

GS TEMPERATURE
WATER TEMPERATURE
OCEAN TEMPERATURE
RT SURFACE TEMPERATURE
TEMPERATURE DISTRIBUTION
THERMAL POLLUTION

WATER TREATMENT

UF WATER PURIFICATION
 RT ACTIVATED CARBON
 ADSORPTION
 AERATION
 AGITATION
 BENTONITE
 BIOCHEMICAL OXYGEN DEMAND
 CHLORINATION
 COAGULATION
 CONTAMINANTS
 CORROSION PREVENTION
 DEMINERALIZING
 DESALINATION
 FILTRATION
 FLOCCULATING
 FLOTATION
 ION EXCHANGING
 MATERIAL ABSORPTION
 POLLUTION
 POTABLE WATER
 PURIFICATION
 ∞ SCREENING
 SETTLING
 SEWAGE
 ∞ TREATMENT

WATER TUNNEL TESTS

RT AIR WATER INTERACTIONS
 CROSS FLOW
 FLOW DISTRIBUTION
 FLOW VISUALIZATION
 STRAKES
 WATER WAVES
 WIND TUNNEL TESTS

WATER TUNNELS

USE HYDRAULIC TEST TUNNELS

WATER VAPOR

GS VAPORS
 . WATER VAPOR
 RT ATMOSPHERIC MOISTURE
 DEW
 HUMIDITY
 MOISTURE
 MOISTURE CONTENT
 STEAM

WATER VEHICLES

GS WATER VEHICLES
 . BOATS
 . . LIFEBOATS
 . CAPTURED AIR BUBBLE VEHICLES
 . SHIPS
 . . ADVANCED RANGE
 . INSTRUMENTATION SHIP
 . AIRCRAFT CARRIERS
 . CARGO SHIPS
 . . SAVANNAH NUCLEAR SHIP
 . . . TANKER SHIPS
 . NUCLEAR POWERED SHIPS
 . . SAVANNAH NUCLEAR SHIP
 . SATELLITE COMMUNICATIONS SHIPS
 . SUBMARINES
 . . BALLISTIC MISSILE SUBMARINES
 . . GUIDED MISSILE SUBMARINES
 . . TRIDENT SUBMARINE
 . SURFACE EFFECT SHIPS
 . SWATH (SHIP)
 . UNDERWATER VEHICLES
 . SUBMARINES
 . . BALLISTIC MISSILE SUBMARINES
 . . GUIDED MISSILE SUBMARINES
 . . TRIDENT SUBMARINE
 . UNDERWATER RESEARCH
 . LABORATORIES
 RT AMPHIBIOUS VEHICLES
 HARBORS
 MARINE TRANSPORTATION
 ∞ MILITARY VEHICLES
 RESEARCH VEHICLES
 SHIPYARDS
 SURFACE VEHICLES
 ∞ VEHICLES

WATER WAVES

GS WATER WAVES
 . TIDAL WAVES
 RT BREAKWATERS
 CAPILLARY WAVES
 CNOIDAL WAVES
 ELASTOHYDRODYNAMICS
 FRONTAL WAVES
 GRAVITY WAVES

WATER WAVES-(CONT.)

HYDRODYNAMIC COEFFICIENTS
 LITTORAL TRANSPORT
 OCEAN DYNAMICS
 RIPPLES
 SEA ROUGHNESS
 SEA STATES
 SURFACE WAVES
 TSUNAMI WAVES
 WATER TUNNEL TESTS
 WATERWAVE ENERGY
 WATERWAVE ENERGY CONVERSION
 WATERWAVE POWERED MACHINES
 ∞ WAVES

WATER WHEELS

GS WHEELS
 . WATER WHEELS
 RT HYDROELECTRIC POWER STATIONS
 TURBINE WHEELS

WATERFOWL

GS ANIMALS
 . VERTEBRATES
 . . BIRDS
 . . . WATERFOWL
 RT BEACHES
 COASTAL ECOLOGY
 MARINE BIOLOGY
 MARINE ENVIRONMENTS
 MARSHLANDS
 MIGRATION
 OCEANOGRAPHY
 WETLANDS

WATERPROOFING

RT BARRIER LAYERS
 CAULKING
 COATINGS
 INSULATION
 MOISTURE RESISTANCE
 PROTECTIVE COATINGS
 SEALING
 WEATHERPROOFING

WATERSHEDS

UF CATCHMENT AREAS
 GS LANDFORMS
 . STRUCTURAL BASINS
 . . WATERSHEDS
 RT DIVIDES (LANDFORMS)
 DRAINAGE PATTERNS
 FLOOD CONTROL
 FLOODS
 HYDROGEOLOGY
 HYDROLOGY
 INTERNATIONAL HYDROLOGICAL
 DECADE
 MISSOURI RIVER BASIN (US)
 MOUNTAINS
 PONDS
 PRECIPITATION (METEOROLOGY)
 RAIN
 RIVER BASINS
 RIVERS
 STORMS (METEOROLOGY)
 VALLEYS
 WATER
 WATER FLOW
 WATER MANAGEMENT
 WATER TABLES

WATERWAVE ENERGY

RT CLEAN ENERGY
 EARTH RESOURCES
 ∞ ENERGY
 OCEANOGRAPHY
 TIDEPOWER
 WATER WAVES
 ∞ WAVES

WATERWAVE ENERGY CONVERSION

GS ENERGY CONVERSION
 . WATERWAVE ENERGY CONVERSION
 RT EARTH RESOURCES
 ENERGY CONVERSION EFFICIENCY
 ∞ ENERGY SOURCES
 OCEAN CURRENTS
 OCEAN SURFACE
 OCEANOGRAPHY
 OCEANS
 SEA ROUGHNESS
 TIDE POWERED GENERATORS
 TIDE POWERED MACHINES
 TIDEPOWER

WATERWAVE ENERGY CONVERSION-(CONT.)

TIDES
 WATER WAVES

WATERWAVE POWERED MACHINES

RT ∞ MACHINERY
 OCEAN CURRENTS
 OCEAN SURFACE
 SEA ROUGHNESS
 TIDE POWERED GENERATORS
 TIDE POWERED MACHINES
 TIDEPOWER
 TIDES
 WATER WAVES

WATERWAYS

GS WATERWAYS
 . CANALS
 . HARBORS
 . . ARTIFICIAL HARBORS
 RT LAKES
 RIVERS
 STRAITS

WATTMETERS

GS MEASURING INSTRUMENTS
 . WATTMETERS
 RT ELECTRICAL MEASUREMENT
 ELECTROMETERS

WAVE AMPLIFICATION

GS AMPLIFICATION
 . WAVE AMPLIFICATION
 RT BAROCLINIC WAVES
 ELECTROMAGNETIC RADIATION
 ∞ WAVES

WAVE ATTENUATION

GS ATTENUATION
 . WAVE ATTENUATION
 . . RADAR ATTENUATION
 . . RADIO ATTENUATION
 . . . MANDELSTAM REPRESENTATION
 . . SHOCK WAVE ATTENUATION
 RT ATMOSPHERIC ATTENUATION
 ELECTROMAGNETIC ABSORPTION
 INFRARED ABSORPTION
 RADAR TRANSMISSION
 RADIO TRANSMISSION
 SHOCK WAVE PROPAGATION

WAVE DEGRADATION

GS DEGRADATION
 . WAVE DEGRADATION
 RT ATTENUATION
 SCATTERING
 SHOCK WAVE INTERACTION
 STERILIZATION EFFECTS

WAVE DIFFRACTION

GS DIFFRACTION
 . WAVE DIFFRACTION
 RT ATTENUATION
 CROSSTALK
 FRESNEL INTEGRALS
 GEOMETRICAL THEORY OF
 DIFFRACTION
 ∞ INTERFERENCE
 TRAVELING WAVE MODULATION

WAVE DISPERSION

RT ACOUSTIC PROPERTIES
 ATMOSPHERIC REFRACTION
 ATTENUATION
 ∞ COHERENCE
 COLOR
 DEFLECTION
 DIFFRACTION
 ∞ DISPERSION
 ELASTIC WAVES
 ELECTROMAGNETIC RADIATION
 FADING
 LIGHT TRANSMISSION
 OPTICAL PATHS
 OPTICAL PROPERTIES
 RADIATION DISTRIBUTION
 RADIO WAVE REFRACTION
 REFRACTION
 SCATTERING
 SOUND-SOUND INTERACTIONS
 TRANSMISSION
 TRANSMISSION LOSS

WAVE DRAG

WAVE DRAG

- GS DYNAMIC CHARACTERISTICS
 - . DRAG
 - . . PRESSURE DRAG
 - . . . WAVE DRAG
 - INTERFERENCE DRAG
- RT FRICTION DRAG
 - . SUPERSONIC DRAG

WAVE EQUATIONS

- SN (NOT EQUATIONS OF MOTION)
- GS WAVE EQUATIONS
 - . DIRAC EQUATION
 - . EIKONAL EQUATION
 - . KLEIN-GORDON EQUATION
 - . KORTEWEG-DEVIRES EQUATION
 - . LAME WAVE EQUATIONS
 - . SCHROEDINGER EQUATION
- RT BOLTZMANN-VLASOV EQUATION
 - . DENSITY WAVE MODEL
 - . FORBIDDEN BANDS
- ∞ HELMHOLTZ EQUATIONS
 - . HYPERBOLIC DIFFERENTIAL EQUATIONS
 - . PARTIAL DIFFERENTIAL EQUATIONS
 - . QUANTUM THEORY

WAVE EXCITATION

- GS EXCITATION
 - . WAVE EXCITATION
 - . . ACOUSTIC EXCITATION
 - . . HARMONIC EXCITATION
- RT STROKING TESTS
 - . ∞ WAVES

WAVE FRONT DEFORMATION

- GS DEFORMATION
 - . WAVE FRONT DEFORMATION
- RT ∞ INTERFERENCE

WAVE FRONT RECONSTRUCTION

- GS RECONSTRUCTION
 - . WAVE FRONT RECONSTRUCTION
- RT ACOUSTICAL HOLOGRAPHY
 - . DIFFRACTOMETERS
 - . HOLOGRAPHIC INTERFEROMETRY
 - . HOLOGRAPHIC SPECTROSCOPY
 - . HOLOGRAPHY
 - . MICROWAVE HOLOGRAPHY
 - . PHOTOGRAPHY
 - . WHITE LIGHT HOLOGRAPHY

WAVE FRONTS

- GS WAVE FRONTS
 - . SHOCK FRONTS
- RT CAUSTIC LINES
 - . EIKONAL EQUATION
- ∞ FRONTS
 - . HUYGENS PRINCIPLE
 - . PHASE COHERENCE
 - . PHASE VELOCITY
 - . SHOCK DISCONTINUITY
- ∞ WAVES

WAVE FUNCTIONS

- GS WAVE FUNCTIONS
 - . MOLECULAR ORBITALS
 - . PAULI EXCLUSION PRINCIPLE
- RT FORBIDDEN TRANSITIONS
 - . HARTREE APPROXIMATION
 - . PERTURBATION THEORY
 - . SQUARE WAVES
 - . TIME FUNCTIONS

WAVE GENERATION

- RT ELECTROMAGNETIC RADIATION
 - . FUNCTION GENERATORS
- ∞ GENERATORS
 - . HARMONIC GENERATIONS
 - . SHOCK WAVE GENERATORS

WAVE INCIDENCE CONTROL

- RT INCIDENT RADIATION

WAVE INTERACTION

- GS WAVE INTERACTION
 - . SHOCK WAVE INTERACTION
- RT COUPLING
 - . DAMPING
 - . ELECTROACOUSTIC WAVES
 - . ELECTROMAGNETIC INTERACTIONS
- ∞ INTERACTIONS
 - . INTERMODULATION
 - . MODULATION
 - . ORTHOGONAL MULTIPLEXING THEORY

WAVE INTERACTION-(CONT.)

- . PLASMA INTERACTIONS
- . PROPAGATION MODES
- . SCATTERING
- . SHOCK WAVE LUMINESCENCE
- . SHOCK WAVE PROFILES
- . SHOCK WAVE PROPAGATION

WAVE MOTION

- USE WAVES

WAVE OSCILLATORS

- USE OSCILLATORS

WAVE PACKETS

- RT LONGITUDINAL WAVES
 - . PACKETS (COMMUNICATION)
 - . PLASMA WAVES
 - . QUANTUM MECHANICS
 - . TRANSVERSE WAVES

WAVE PROPAGATION

- UF KIRCHHOFF-HUYGENS PRINCIPLE
- GS TRANSMISSION
 - . WAVE PROPAGATION
 - . . DIFFRACTION PROPAGATION
 - . . GROUND WAVE PROPAGATION
 - . . IONOSPHERIC PROPAGATION
 - . . IONOSPHERIC F-SCATTER PROPAGATION
 - . . LIGHT SCATTERING
 - . . . HALOS
 - . . . SCATTER PROPAGATION
 - . . . IONOSPHERIC F-SCATTER PROPAGATION
 - . . SHOCK WAVE PROPAGATION
 - . . TRANSEQUATORIAL PROPAGATION
- RT ACOUSTIC ATTENUATION
 - . ACOUSTIC MICROSCOPES
 - . ATMOSPHERIC ATTENUATION
 - . ATTENUATION
 - . AUTOMATIC PICTURE TRANSMISSION
 - . BEAM WAVEGUIDES
- ∞ COHERENCE
 - . COHERENT RADIATION
- ∞ CONDUCTION
 - . DIFFRACTION
 - . DOUBLE SIDEBAND TRANSMISSION
 - . ELECTROMAGNETIC ABSORPTION
 - . ELECTROMAGNETIC WAVE TRANSMISSION
 - . GEOMETRICAL ACOUSTICS
 - . GROUP VELOCITY
 - . HUYGENS PRINCIPLE
 - . HYDRAULIC ANALOGIES
 - . ION ACOUSTIC WAVES
 - . LAME WAVE EQUATIONS
 - . LIGHT TRANSMISSION
 - . LOSSY MEDIA
 - . MICROWAVE ATTENUATION
 - . MICROWAVE TRANSMISSION
 - . MULTIPATH TRANSMISSION
 - . NONADIABATIC THEORY
 - . PHASE VELOCITY
 - . PLASMA ACCELERATION
 - . PLASMA WAVEGUIDES
- ∞ PROPAGATION
 - . PROPAGATION MODES
 - . PROPAGATION VELOCITY
 - . PULSE DIFFRACTION
 - . RADAR ATTENUATION
 - . RADAR TRANSMISSION
 - . RADIO ATTENUATION
 - . RADIO TRANSMISSION
 - . REFRACTION
 - . SCREEN EFFECT
 - . SHOCK FRONTS
 - . SHOCK WAVE ATTENUATION
 - . SHORT WAVE RADIO TRANSMISSION
 - . SINGLE SIDEBAND TRANSMISSION
 - . SOUND TRANSMISSION
 - . SQUARE WAVES
 - . STRESS WAVES
 - . TELEVISION TRANSMISSION
 - . WAVEFORMS
 - . WHITHAM RULE

WAVE RADIATION

- USE ELECTROMAGNETIC RADIATION

WAVE REFLECTION

- GS REFLECTION
 - . WAVE REFLECTION
 - . . MACH REFLECTION
- RT GROUND EFFECT (COMMUNICATIONS)

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WAVE REFLECTION-(CONT.)

- . REFLECTED WAVES
- . SIGNAL REFLECTION
- . SPREAD REFLECTION

WAVE RESISTANCE

- RT BLAST LOADS
 - . EROSION
 - . IMPACT STRENGTH
- ∞ RESISTANCE
 - . STRUCTURAL STABILITY

WAVE SCATTERING

- GS SCATTERING
 - . WAVE SCATTERING
 - . . ACOUSTIC SCATTERING
 - . . REVERBERATION
 - . . ATMOSPHERIC SCATTERING
 - . . TROPOSPHERIC SCATTERING
 - . . ELECTROMAGNETIC SCATTERING
 - . . IONOSPHERIC F-SCATTER PROPAGATION
 - . . . LIGHT SCATTERING
 - . . . HALOS
 - . . . MICROWAVE SCATTERING
 - . . . MIE SCATTERING
 - . . . RAYLEIGH SCATTERING
 - . . . RAMAN SPECTRA
 - . . . THOMSON SCATTERING
 - . . . X RAY SCATTERING
- RT FADDEEV EQUATIONS
 - . MAGNETIC DISPERSION
 - . RECIPROCITY THEOREM
 - . SCATTERING AMPLITUDE
 - . SCATTEROMETERS
 - . SHOCK FRONTS

WAVEFORMS

- GS WAVEFORMS
 - . PULSE AMPLITUDE
 - . PULSE DURATION
 - . SAWTOOTH WAVEFORMS
 - . SQUARE WAVES
- RT FORM FACTORS
 - . SPEECH BASEBAND COMPRESSION
 - . TIME FUNCTIONS
 - . WAVE PROPAGATION

WAVEGUIDE ANTENNAS

- GS ANTENNAS
 - . WAVEGUIDE ANTENNAS
 - . . HORN ANTENNAS
- RT LENS ANTENNAS
 - . MICROWAVE ANTENNAS
 - . MONOPULSE ANTENNAS
 - . RADANT
 - . SLOT ANTENNAS
 - . YAGI ANTENNAS

WAVEGUIDE FILTERS

- GS ELECTROMAGNETIC WAVE FILTERS
 - . ELECTRIC FILTERS
 - . . WAVEGUIDE FILTERS
- RT MICROWAVE FILTERS
 - . RADAR FILTERS
 - . WAVEGUIDES

WAVEGUIDE LASERS

- GS STIMULATED EMISSION DEVICES
 - . LASERS
 - . . WAVEGUIDE LASERS
- RT CARBON DIOXIDE LASERS
 - . GALLIUM ARSENIDE LASERS
 - . HETEROJUNCTION DEVICES
 - . INFRARED LASERS
 - . LASER MODES
 - . LASER OUTPUTS
 - . OPTICAL WAVEGUIDES
 - . PULSED LASERS
 - . SEMICONDUCTOR LASERS
 - . TUBE LASERS

WAVEGUIDE TUNERS

- GS TUNERS
 - . WAVEGUIDE TUNERS
- RT IMPEDANCE MATCHING
 - . MODE TRANSFORMERS
 - . YTTRIUM-IRON GARNET

WAVEGUIDE WINDOWS

- RT IMPEDANCE MATCHING
 - . IRISES (MECHANICAL APERTURES)
- ∞ WINDOWS

WAVEGUIDES

- GS TRANSMISSION LINES
 - . COMMUNICATION CABLES
 - . . . **WAVEGUIDES**
 - OPTICAL WAVEGUIDES
 - PLASMA GUIDES
 - RECTANGULAR GUIDES
- RT ANTENNA FEEDS
 - . COAXIAL CABLES
 - . CROSSED FIELDS
 - . ELECTROMAGNETIC SURFACE WAVES
 - . GYRATORS
 - . IRISES (MECHANICAL APERTURES)
 - . MICROWAVE SWITCHING
 - . PARALLEL PLATES
 - . PROPAGATION MODES
 - . SMITH CHART
 - . WAVEGUIDE FILTERS

WAVELENGTH DIVISION MULTIPLEXING

- GS TRANSMISSION
 - . MULTIPLEXING
 - . . . **WAVELENGTH DIVISION MULTIPLEXING**
- RT CODE DIVISION MULTIPLEXING
 - . DEMULTIPLEXING
 - . FREQUENCY DIVISION MULTIPLEXING
 - . ORTHOGONAL MULTIPLEXING THEORY
 - . TIME DIVISION MULTIPLEXING

WAVELENGTHS

- GS **WAVELENGTHS**
 - . DE BROGLIE WAVELENGTHS
- RT ANTINODES
 - . HARMONICS
 - . INFRARED RADIATION
 - . LASER MODES
 - . LASER OUTPUTS
 - . LONGITUDINAL WAVES
 - . MASER OUTPUTS
 - . MILLIMETER WAVES
 - . NODES (STANDING WAVES)
 - . SPECTRAL EMISSION
 - . STANDING WAVES
 - . STOKES LAW OF RADIATION
 - . SUBMILLIMETER WAVES

WAVES

- SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)*
- UF CRESTS
 - . WAVE MOTION
- RT BAROCLINIC WAVES
 - . BREAKWATERS
 - . CNOIDAL WAVES
 - . CORRUGATING
 - . CYLINDRICAL WAVES
 - . DETONATION WAVES
 - . DILATATIONAL WAVES
 - . EIKONAL EQUATION
 - . ELASTIC WAVES
 - . ELECTROACOUSTIC WAVES
 - . ELECTROMAGNETIC RADIATION
 - . ELECTROMAGNETIC SURFACE WAVES
 - . FRONTAL WAVES
 - . GRAVITATIONAL WAVES
 - . INTERNAL WAVES
 - . IONIC WAVES
 - . KILOMETRIC WAVES
 - . LITTORAL TRANSPORT
 - . LONGITUDINAL WAVES
 - . NODES (STANDING WAVES)
 - . PLANE WAVES
 - . PLANETARY WAVES
 - . REFRACTED WAVES
 - . SEISMIC WAVES
 - . SHOCK WAVES
 - . SINE WAVES
 - . SOUND WAVES
 - . SPHERICAL WAVES
 - . SQUARE WAVES
 - . STANDING WAVES
 - . STRESS WAVES
 - . SURFACE WAVES
 - . SURGES
 - . TIDAL WAVES
 - . TRANSVERSE WAVES
 - . TROPOSPHERIC WAVES
 - . VIBRATION
 - . WATER WAVES
 - . WATERWAVE ENERGY
 - . WAVE AMPLIFICATION
 - . WAVE EXCITATION
 - . WAVE FRONTS

WAXES

- GS **WAXES**
 - . CERESIN
- RT ALKANES
 - . COATINGS
 - . CRUDE OIL
 - . FINISHES
 - . PHASE CHANGE MATERIALS

WEAK ENERGY INTERACTIONS

- GS DECAY
 - . . . **WEAK ENERGY INTERACTIONS**
 - PARTICLE INTERACTIONS
 - **WEAK ENERGY INTERACTIONS**
 - WEAK INTERACTIONS (FIELD THEORY)
- RT BETA PARTICLES
 - . . . INTERACTIONS
 - PARTICLE THEORY

WEAK INTERACTIONS (FIELD THEORY)

- GS FIELD THEORY (PHYSICS)
 - . . . **WEAK INTERACTIONS (FIELD THEORY)**
 - PARTICLE INTERACTIONS
 - NUCLEAR INTERACTIONS
 - **WEAK INTERACTIONS (FIELD THEORY)**
 - WEAK ENERGY INTERACTIONS
 - **WEAK INTERACTIONS (FIELD THEORY)**
- RT STRONG INTERACTIONS (FIELD THEORY)

WEAPON SYSTEM MANAGEMENT

- GS MANAGEMENT
 - . . . **WEAPON SYSTEM MANAGEMENT**
- RT PROJECT MANAGEMENT

WEAPON SYSTEM 107A-1

- GS WEAPON SYSTEMS
 - . . . **WEAPON SYSTEM 107A-1**

WEAPON SYSTEM 107A-2

- GS WEAPON SYSTEMS
 - . . . **WEAPON SYSTEM 107A-2**

WEAPON SYSTEM 133A

- GS WEAPON SYSTEMS
 - . . . **WEAPON SYSTEM 133A**

WEAPON SYSTEM 133B

- GS WEAPON SYSTEMS
 - . . . **WEAPON SYSTEM 133B**

WEAPON SYSTEM 315A

- GS WEAPON SYSTEMS
 - . . . **WEAPON SYSTEM 315A**

WEAPON SYSTEM 324A

- GS WEAPON SYSTEMS
 - . . . **WEAPON SYSTEM 324A**

WEAPON SYSTEMS

- GS **WEAPON SYSTEMS**
 - . . . GROUND OPERATIONAL SUPPORT SYSTEM
 - LASER WEAPONS
 - MISSILE SYSTEMS
 - NIKE X SYSTEMS
 - SAFEGUARD SYSTEM
 - SENTINEL SYSTEM
 - SHADOW WEAPON SYSTEM
 - SUCCESS PROJECT
 - TYPHON WEAPON SYSTEM
 - WEAPON SYSTEM 107A-1
 - WEAPON SYSTEM 107A-2
 - WEAPON SYSTEM 133A
 - WEAPON SYSTEM 133B
 - WEAPON SYSTEM 315A
 - WEAPON SYSTEM 324A
- RT AIR TO SURFACE MISSILES
 - ANTISHIP MISSILES
 - FIRE CONTROL
 - HARPOON MISSILE
 - MILITARY AIRCRAFT
 - MILITARY SPACECRAFT
 - MISSILE LAUNCHERS
 - MISSILES
 - MOBILE MISSILE LAUNCHERS
 - NUCLEAR WEAPONS
 - ORDNANCE
 - PANAVIA MILITARY AIRCRAFT
 - ROCKETS
 - SPACE WEAPONS

WEAPON SYSTEMS-(CONT.)

- . . . SYSTEMS
- . . . WEAPONS
- . . . WEAPONS DEVELOPMENT

WEAPONS

- GS **WEAPONS**
 - . . . ARTILLERY
 - HOWITZERS
 - PRECISION GUIDED PROJECTILES
 - FUSION WEAPONS
 - GUNS (ORDNANCE)
 - HOWITZERS
 - PRECISION GUIDED PROJECTILES
 - RIFLES
 - MINES (ORDNANCE)
 - NUCLEAR WEAPONS
 - FISSION WEAPONS
 - SPACE WEAPONS
 - LASER WEAPONS
 - WARHEADS
 - NUCLEAR WARHEADS
 - PRECISION GUIDED PROJECTILES
- RT AMMUNITION
 - ANTIQUITIES
 - ANTISHIP WARFARE
 - ARMED FORCES (FOREIGN)
 - ARMED FORCES (UNITED STATES)
- . . . BALLISTIC VEHICLES
 - DISARMAMENT
 - FIRE CONTROL
 - GUNNERY TRAINING
 - MILITARY TECHNOLOGY
 - MISSILES
 - ORDNANCE
 - PATRIOT MISSILE
 - PROJECTILES
 - SHAPED CHARGES
 - SHRAPNEL
 - TANKS (COMBAT VEHICLES)
 - TOMAHAWK MISSILES
 - TORPEDOES
 - WEAPON SYSTEMS
 - WEAPONS DELIVERY
 - WING-FUSELAGE STORES

WEAPONS DELIVERY

- GS DELIVERY
 - PAYLOAD DELIVERY (STS)
 - **WEAPONS DELIVERY**
- RT AIR DEFENSE
 - AIRCRAFT
 - DEFENSE PROGRAM
 - MILITARY TECHNOLOGY
 - MISSILE DEFENSE
 - NUCLEAR WEAPONS
- . . . ROCKETS
 - SPACE WEAPONS
 - WEAPONS

WEAPONS DEVELOPMENT

- GS PRODUCT DEVELOPMENT
 - **WEAPONS DEVELOPMENT**
- RT RESEARCH AND DEVELOPMENT
 - WEAPON SYSTEMS

WEAPONS INDUSTRY

- GS INDUSTRIES
 - DEFENSE INDUSTRY
 - **WEAPONS INDUSTRY**
- RT ARMED FORCES (UNITED STATES)
 - MILITARY TECHNOLOGY

WEAR

- RT ABRASION
 - CHIPPING
 - CORROSION
 - DAMAGE
 - DEPRECIATION
 - DETERIORATION
 - DURABILITY
 - EROSION
 - FAILURE
 - FLAKING
 - FRETTING CORROSION
 - FRICTION
 - GRINDING (MATERIAL REMOVAL)
 - HARDNESS
 - REMOVAL
 - SCORING
 - SLIDING FRICTION
 - SPALLING
 - SURFACE FINISHING
- . . . SURFACES
 - SYSTEM FAILURES

WEAR INHIBITORS

WEAR-(CONT.)

TRIBOLOGY

WEAR INHIBITORS

GS INHIBITORS
 . WEAR INHIBITORS
 RT RETARDANTS

WEAR TESTS

RT CUMULATIVE DAMAGE
 DESTRUCTIVE TESTS
 EROSION
 FERROGRAPHY
 FRETTING
 FRICTION
 HARDNESS TESTS
 ∞ MATERIALS TESTS
 PATCH TESTS
 QUALITY CONTROL
 SPALLING
 STATIC TESTS
 ∞ TESTS

WEATHER

UF WEATHER CONDITIONS
 GS **WEATHER**
 . COLD WEATHER
 . HOT WEATHER
 RT AIRCRAFT ACCIDENTS
 AIRCRAFT HAZARDS
 AIRCRAFT SAFETY
 ALPINE METEOROLOGY
 ANNUAL VARIATIONS
 ANVIL CLOUDS
 ATMOSPHERIC & OCEANOGRAPHIC
 INFORM SYS
 ATMOSPHERIC PRESSURE
 ATMOSPHERIC TEMPERATURE
 CAP CLOUDS
 CIRROCUMULUS CLOUDS
 CIRROSTRATUS CLOUDS
 CLIMATE
 CLIMATOLOGY
 CLOUDS (METEOROLOGY)
 FLIGHT HAZARDS
 FLIGHT PLANS
 GLOBAL ATMOSPHERIC RESEARCH
 PROGRAM
 LONG TERM EFFECTS
 METEOROLOGICAL PARAMETERS
 METEOROLOGY
 METEOSAT SATELLITE
 NAVIGATION AIDS
 PRECIPITATION (METEOROLOGY)
 RUNWAY CONDITIONS
 SEASONS
 SOLAR COMPASSES
 SOLAR TERRESTRIAL INTERACTIONS
 WIND (METEOROLOGY)

WEATHER CHARTS

USE METEOROLOGICAL CHARTS

WEATHER CONDITIONS

USE WEATHER

WEATHER CONTROL

USE WEATHER MODIFICATION

WEATHER DATA RECORDERS

GS MEASURING INSTRUMENTS
 . METEOROLOGICAL INSTRUMENTS
 . WEATHER DATA RECORDERS
 RECORDING INSTRUMENTS
 . WEATHER DATA RECORDERS
 RT AUTOMATIC WEATHER STATIONS
 TELEMETRY

WEATHER FORECASTING

GS FORECASTING
 . WEATHER FORECASTING
 . LONG RANGE WEATHER
 FORECASTING
 . NUMERICAL WEATHER FORECASTING
 . STATISTICAL WEATHER
 FORECASTING
 METEOROLOGY
 . WEATHER FORECASTING
 . LONG RANGE WEATHER
 FORECASTING
 . NUMERICAL WEATHER FORECASTING
 . STATISTICAL WEATHER
 FORECASTING
 RT AIR MASSES
 ATMOSPHERIC MODELS

WEATHER FORECASTING-(CONT.)

CIRRUS SHIELDS
 CLOUD COVER
 COLD FRONTS
 ENVIRONMENTAL MONITORING
 FLIGHT CONDITIONS
 FLOOD PREDICTIONS
 GARP ATLANTIC TROPICAL EXPERIMENT
 HUMIDITY
 METEOROLOGICAL BALLOONS
 METEOROLOGICAL FLIGHT
 METEOROLOGICAL RADAR
 METEOROLOGICAL SATELLITES
 METEOROLOGICAL SERVICES
 NEPHANALYSIS
 PRECIPITATION (METEOROLOGY)
 SNOWSTORMS
 STORMS
 STORMS (METEOROLOGY)
 SYNOPTIC METEOROLOGY
 WARM FRONTS
 WIND (METEOROLOGY)

WEATHER FRONTS

USE FRONTS (METEOROLOGY)

WEATHER MAPS

USE METEOROLOGICAL CHARTS

WEATHER MODIFICATION

UF WEATHER CONTROL
 GS **WEATHER MODIFICATION**
 . CLOUD DISPERSAL
 . CLOUD SEEDING
 . FOG DISPERSAL
 . LIGHTNING SUPPRESSION
 . RAINMAKING
 . STORM ENHANCEMENT
 . STORM SUPPRESSION
 RT ARTIFICIAL CLOUDS
 CLOUD PHYSICS
 ENVIRONMENTAL CONTROL
 HEAT ISLANDS
 SNOWSTORMS

WEATHER RADAR

USE METEOROLOGICAL RADAR

WEATHER RECONNAISSANCE AIRCRAFT

GS RECONNAISSANCE AIRCRAFT
 . WEATHER RECONNAISSANCE
 AIRCRAFT
 RT ∞ AIRCRAFT
 GLOBAL ATMOSPHERIC RESEARCH
 PROGRAM
 METEOROLOGICAL INSTRUMENTS
 OBSERVATION AIRCRAFT
 RB-50 AIRCRAFT

WEATHER STATIONS

UF METEOROLOGICAL STATIONS
 GS STATIONS
 . WEATHER STATIONS
 RT GROUND STATIONS
 INSTRUMENT PACKAGES
 INTEGRATED GLOBAL OCEAN STATION
 SYSTEMS
 METEOROLOGICAL INSTRUMENTS
 METEOROLOGICAL SATELLITES
 METEOROLOGICAL SERVICES
 OCEAN DATA ACQUISITIONS SYSTEMS

WEATHERING

RT CORROSION
 CORROSION TESTS
 CURING
 DAMAGE
 DEGRADATION
 DETERIORATION
 EARTH ATMOSPHERE
 EROSION
 EXPOSURE
 MECHANICAL PROPERTIES
 RUSTING
 SOIL EROSION

WEATHERPROOFING

RT COATINGS
 COLD WEATHER
 CORROSION PREVENTION
 MOISTURE RESISTANCE
 PACKAGING
 PRESERVING
 WATERPROOFING

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WEAVING

RT FABRICS
 SEWING

WEBBING

RT FABRICS
 MESH
 ∞ WEBS
 WEBS (SHEETS)

WEBER TEST

GS PHYSIOLOGICAL TESTS
 . WEBER TEST
 RT AUDITORY PERCEPTION
 BINAURAL HEARING

WEBER-FECHNER LAW

GS LAWS
 . WEBER-FECHNER LAW

∞ WEBS

SN (USE OF A MORE SPECIFIC TERM IS
 RECOMMENDED-CONSULT THE TERMS
 LISTED BELOW)
 RT MEMBRANES
 MESH
 WEBBING
 WEBS (SHEETS)
 WEBS (SUPPORTS)

WEBS (MEMBRANES)

USE MEMBRANES

WEBS (SHEETS)

SN (EXCLUDES POLYMERIC FILMS AND
 STRUCTURAL REINFORCEMENTS)
 RT DIAPHRAGMS (MECHANICS)
 ELASTIC SHEETS
 FABRICS
 ∞ FILMS
 MEMBRANES
 PAPER (MATERIAL)
 PAPERS
 ∞ ROVINGS
 ∞ SHEETS
 WEBBING
 WEBS (SUPPORTS)

WEBS (SUPPORTS)

GS **WEBS (SUPPORTS)**
 . GIRDER WEBS
 RT DIAPHRAGMS (MECHANICS)
 ELASTIC SHEETS
 MEMBRANE STRUCTURES
 MEMBRANES
 RIBS (SUPPORTS)
 SKIN (STRUCTURAL MEMBER)
 STIFFENING
 WEBS (SHEETS)

WEDGE FLOW

GS FLUID FLOW
 . WEDGE FLOW
 RT BLASIUS FLOW
 CONICAL FLOW
 FALKNER-SKAN EQUATION
 FLOW GEOMETRY
 LAMINAR FLOW
 SHOCK WAVES
 SUPERSONIC FLOW
 THREE DIMENSIONAL FLOW
 TWO DIMENSIONAL FLOW
 VISCOUS FLOW

WEDGES

RT AERODYNAMIC CONFIGURATIONS
 AIRFOIL PROFILES
 AIRFOILS

WEIBEL INSTABILITY

GS DYNAMIC CHARACTERISTICS
 . DYNAMIC STABILITY
 . MOTION STABILITY
 . . . FLOW STABILITY
 MAGNETOHYDRODYNAMIC
 STABILITY
 WEIBEL INSTABILITY
 . FLOW CHARACTERISTICS
 . . FLOW STABILITY
 . . . MAGNETOHYDRODYNAMIC
 STABILITY
 WEIBEL INSTABILITY
 RT PLASMA INTERACTIONS

- WEIBULL DENSITY FUNCTIONS**
 GS FUNCTIONS (MATHEMATICS)
 . PROBABILITY DENSITY FUNCTIONS
 . . WEIBULL DENSITY FUNCTIONS
 STATISTICAL ANALYSIS
 . PROBABILITY DENSITY FUNCTIONS
 . . WEIBULL DENSITY FUNCTIONS
 RT EXPONENTIAL FUNCTIONS
 FATIGUE TESTS
 SAMPLING
- WEIERSTRASS FUNCTIONS**
 GS ANALYSIS (MATHEMATICS)
 . REAL VARIABLES
 . . WEIERSTRASS FUNCTIONS
 RT ELLIPTIC FUNCTIONS
 JACOBI INTEGRAL
- WEIGHT**
 SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)*
 RT ATOMIC WEIGHTS
 BIOMASS
 COEFFICIENTS
 PAYLOADS
 WEIGHT (MASS)
- WEIGHT (MASS)**
 UF WEIGHT FACTORS
 GS **WEIGHT (MASS)**
 . ATOMIC WEIGHTS
 . BIOMASS
 . BODY WEIGHT
 . ORGAN WEIGHT
 . STRUCTURAL WEIGHT
 RT CENTER OF MASS
 ∞ FORCE
 GRAVITATION
 LOADS (FORCES)
 LOW MOLECULAR WEIGHTS
 MASCONS
 MASS
 MOLECULAR WEIGHT
 PAYLOADS
 PRESSURE
 VOLUME
 ∞ WEIGHT
- WEIGHT ANALYSIS**
 RT ∞ ANALYZING
 NEW MOONS PROJECT
 PREFLIGHT ANALYSIS
 STRUCTURAL WEIGHT
 SYSTEMS ANALYSIS
- WEIGHT FACTORS**
 USE WEIGHT (MASS)
- WEIGHT INDICATORS**
 UF WIND TUNNEL BALANCES
 GS MEASURING INSTRUMENTS
 . INDICATING INSTRUMENTS
 . . WEIGHT INDICATORS
 . . . MICROBALANCES
 . . . STRAIN GAGE BALANCES
 . . . THERMOBALANCES
 RT BALANCE
 MECHANICAL MEASUREMENT
 PRESSURE GAGES
 PRESSURE MEASUREMENT
 ∞ SCALE
 STRAIN GAGES
 TENSOMETERS
- WEIGHT MEASUREMENT**
 UF MICROWEIGHING
 RT DENSITY (MASS/VOLUME)
 HYDROMETERS
 ∞ MEASUREMENT
- WEIGHT REDUCTION**
 RT AIRCRAFT DESIGN
 SPACECRAFT DESIGN
 STRUCTURAL DESIGN
 STRUCTURAL WEIGHT
 SYSTEMS ANALYSIS
- WEIGHTING FUNCTIONS**
 GS ANALYSIS (MATHEMATICS)
 . REAL VARIABLES
 . . MEASURE AND INTEGRATION
 . . . WEIGHTING FUNCTIONS
 FUNCTIONS (MATHEMATICS)
- WEIGHTING FUNCTIONS-(CONT.)**
 RT **WEIGHTING FUNCTIONS**
 STATISTICAL MECHANICS
- WEIGHTLESS FLUIDS**
 RT ∞ FLUIDS
 VISCOUS FLUIDS
- WEIGHTLESSNESS**
 UF ZERO GRAVITY
 RT AEROSPACE MEDICINE
 ARTIFICIAL GRAVITY
 ASTRONAUT PERFORMANCE
 ∞ ASTRONAUTICS
 BLACKOUT PREVENTION
 BODY WEIGHT
 BONE DEMINERALIZATION
 CONTAINERLESS MELTS
 DISORIENTATION
 DROP TOWERS
 ENVIRONMENTS
 EXTRAVEHICULAR ACTIVITY
 FLIGHT STRESS (BIOLOGY)
 FREE FALL
 GRAVITATION
 GRAVITATIONAL EFFECTS
 INTRAVEHICULAR ACTIVITY
 LIFE SUPPORT SYSTEMS
 LOW WEIGHT
 LOWER BODY NEGATIVE PRESSURE
 PARABOLIC FLIGHT
 SPACE FLIGHT STRESS
 SPACE MANUFACTURING
 SPACE PROCESSING APPLICATIONS
 ROCKET
 SPACEBORNE EXPERIMENTS
 SPACECRAFT ENVIRONMENTS
 SUBORBITAL FLIGHT
- WEIGHTLESSNESS SIMULATION**
 GS SIMULATION
 . ENVIRONMENT SIMULATION
 . . SPACE ENVIRONMENT SIMULATION
 . . . WEIGHTLESSNESS SIMULATION
 RT FLIGHT SIMULATION
 LANGLEY COMPLEX COORDINATOR
 PARABOLIC FLIGHT
 SUBMERGING
- WELD STRENGTH**
 GS MECHANICAL PROPERTIES
 . **WELD STRENGTH**
 RT PATCH TESTS
 ∞ STRENGTH
 WELDABILITY
 WELDED JOINTS
- WELD TESTS**
 RT FATIGUE TESTS
 ∞ TESTS
 WELDED JOINTS
- WELDABILITY**
 RT BRITTLENESS
 DUCTILITY
 WELD STRENGTH
- WELDED JOINTS**
 GS JOINTS (JUNCTIONS)
 . METAL JOINTS
 . . **WELDED JOINTS**
 . . . SPOT WELDS
 RT BEADS
 BUTT JOINTS
 LAP JOINTS
 RIVETED JOINTS
 WELD STRENGTH
 WELD TESTS
 WELDING
- WELDED STRUCTURES**
 GS **WELDED STRUCTURES**
 . STEEL STRUCTURES
 RT RIGID STRUCTURES
 ∞ STRUCTURES
- WELDING**
 GS **WELDING**
 . COLD WELDING
 . ELECTRIC WELDING
 . . ARC WELDING
 . . . GAS TUNGSTEN ARC WELDING
 . . . PLASMA ARC WELDING
 . . ELECTRON BEAM WELDING
- WELDING-(CONT.)**
 . . ELECTROSLAG WELDING
 . FLASH WELDING
 . FRICTION WELDING
 . LASER WELDING
 . FUSION WELDING
 . . GAS WELDING
 . . . BRAZING
 LOW TEMPERATURE BRAZING
 . PRESSURE WELDING
 . . DIFFUSION WELDING
 . . EXPLOSIVE WELDING
 . . ULTRASONIC WELDING
 RT BACKUPS
 BEADS
 BONDING
 CONSTRUCTION
 FILLETS
 FLAME PLATING
 FLUXES
 FUSIBILITY
 ∞ JOINING
 METAL BONDING
 METAL-METAL BONDING
 SEALING
 SOLDERING
 TORCHES
 WELDED JOINTS
- WELDING MACHINES**
 RT ∞ ELECTRIC EQUIPMENT
 ELECTRIC WELDING
 ∞ MACHINERY
 TORCHES
- WELLS**
 RT AQUIFERS
 DRILLING
 GROUND WATER
 LIMNOLOGY
 OASES
 SPRINGS (WATER)
 SQUARE WELLS
 STRATIGRAPHY
- WENTZEL-KRAMER-BRILLOUIN METHOD**
 UF WKB APPROXIMATION
 RT DE BROGLIE WAVELENGTHS
 PERTURBATION THEORY
 PLANCKS CONSTANT
 SCHROEDINGER EQUATION
- WESER AIRCRAFT**
 GS **WESER AIRCRAFT**
 . WF S-64 HELICOPTER
 RT ∞ AIRCRAFT
 HELICOPTERS
 ROTARY WING AIRCRAFT
 V/STOL AIRCRAFT
- WESER WF S-64 HELICOPTER**
 USE WF S-64 HELICOPTER
- WEST COMET**
 GS CELESTIAL BODIES
 . COMETS
 . . **WEST COMET**
 RT SOLAR SYSTEM
- WEST FORD PROJECT**
 GS PROGRAMS
 . PROJECTS
 . . **WEST FORD PROJECT**
- WEST GERMANY**
 UF FEDERAL REPUBLIC OF GERMANY
 RT ALPS MOUNTAINS (EUROPE)
 AZUR SATELLITE
 CENTRAL EUROPE
 EAST GERMANY
 EUROPE
 ∞ GERMANY
 NATIONS
- WEST INDIES**
 GS LANDFORMS
 . ISLANDS
 . . **WEST INDIES**
 . . . BARBADOS
 . . . CUBA
 . . . DOMINICA
 . . . GUADELOUPE
 . . . HAITI
 . . . JAMAICA
 . . . LESSER ANTILES
 . . . MARTINIQUE
 . . . PUERTO RICO
 . . . TRINIDAD AND TOBAGO
 . . . VIRGIN ISLANDS

WEST VIRGINIA

WEST INDIES-(CONT.)

RT ATLANTIC OCEAN

WEST VIRGINIA

GS UNITED STATES OF AMERICA
 . WEST VIRGINIA
 RT ALLEGHENY PLATEAU (US)
 OHIO RIVER (US)
 POTOMAC RIVER VALLEY (MD-VA-WV)

WESTAR SATELLITES

GS SATELLITES
 . ARTIFICIAL SATELLITES
 . . COMMUNICATION SATELLITES
 . . . WESTAR SATELLITES
 . EARTH SATELLITES
 . . COMMUNICATION SATELLITES
 . . . WESTAR SATELLITES
 RT POINT TO POINT COMMUNICATION
 TELECOMMUNICATION
 TELEGRAPH SYSTEMS

WESTLAND AIRCRAFT

GS WESTLAND AIRCRAFT
 . P-531 HELICOPTER
 . WESTLAND WHIRLWIND HELICOPTER
 RT . AIRCRAFT
 HELICOPTERS
 ROTARY WING AIRCRAFT
 V/STOL AIRCRAFT

WESTLAND GROUND EFFECT MACHINES

UF SR-N2 GROUND EFFECT MACHINE
 SR-N3 GROUND EFFECT MACHINE
 SR-N5 GROUND EFFECT MACHINE
 WESTLAND SR-N2 GROUND EFFECT
 MACHINE
 WESTLAND SR-N2 HOVERCRAFT
 WESTLAND SR-N3 GROUND EFFECT
 MACHINE
 WESTLAND SR-N3 HOVERCRAFT
 WESTLAND SR-N5 GROUND EFFECT
 MACHINE
 GS GROUND EFFECT MACHINES
 . WESTLAND GROUND EFFECT
 MACHINES
 RT . AIRCRAFT

WESTLAND MK-10 HELICOPTER

USE WESTLAND WHIRLWIND HELICOPTER

WESTLAND P-531 HELICOPTER

USE P-531 HELICOPTER

WESTLAND SR-N2 GROUND EFFECT MACHINE

USE WESTLAND GROUND EFFECT MACHINES

WESTLAND SR-N2 HOVERCRAFT

USE WESTLAND GROUND EFFECT MACHINES

WESTLAND SR-N3 GROUND EFFECT MACHINE

USE WESTLAND GROUND EFFECT MACHINES

WESTLAND SR-N3 HOVERCRAFT

USE WESTLAND GROUND EFFECT MACHINES

WESTLAND SR-N5 GROUND EFFECT MACHINE

USE WESTLAND GROUND EFFECT MACHINES

WESTLAND WHIRLWIND HELICOPTER

UF WESTLAND MK-10 HELICOPTER
 WHIRLWIND MK-10 HELICOPTER
 GS UTILITY AIRCRAFT
 . WESTLAND WHIRLWIND HELICOPTER
 V/STOL AIRCRAFT
 . ROTARY WING AIRCRAFT
 . . HELICOPTERS
 . . . WESTLAND WHIRLWIND
 HELICOPTER
 WESTLAND AIRCRAFT
 . WESTLAND WHIRLWIND HELICOPTER
 RT . AIRCRAFT

WET CELLS

GS ELECTROCHEMICAL CELLS
 . ELECTRIC BATTERIES
 . . WET CELLS
 RT . ELECTRIC CELLS
 ELECTROLYTES

WET CELLS-(CONT.)

FUEL CELLS
 NONAQUEOUS ELECTROLYTES
 PRIMARY BATTERIES

WET SPINNING

RT EXTRUDING
 FIBERS
 . FILAMENTS
 . PROCESSING
 SYNTHETIC FIBERS
 TEXTILES
 WETTING

WETLANDS

GS LAND
 . WETLANDS
 RT COASTAL CURRENTS
 COASTAL ECOLOGY
 COASTAL PLAINS
 COASTAL WATER
 ENVIRONMENT EFFECTS
 FISHERIES
 MARINE BIOLOGY
 MARINE ENVIRONMENTS
 MARINE RESOURCES
 MARSHLANDS
 NEARSHORE WATER
 OCEANOGRAPHY
 OIL POLLUTION
 SEA GRASSES
 SHORELINES
 TIDES
 WATER RESOURCES
 WATERFOWL
 WILDLIFE

WETNESS

USE MOISTURE CONTENT

WETTABILITY

RT ADHESION
 ADHESION TESTS
 FORMATIONS
 HYGROSCOPICITY
 PERMEABILITY
 POROSITY
 SURFACE PROPERTIES
 WETTING

WETTING

RT COOLING
 DIPPING
 FOAMING
 INTERFACIAL TENSION
 . SATURATION
 . SOAKING
 SOAPS
 SPRAYING
 SPRINKLING
 SUBMERGING
 WET SPINNING
 WETTABILITY

WF S-64 HELICOPTER

UF WESER WF S-64 HELICOPTER
 GS V/STOL AIRCRAFT
 . ROTARY WING AIRCRAFT
 . . HELICOPTERS
 . . . WF S-64 HELICOPTER
 WESER AIRCRAFT
 . WF S-64 HELICOPTER

WHALES

GS ANIMALS
 . VERTEBRATES
 . . MAMMALS
 . . . WHALES
 RT MARINE MAMMALS

WHARVES

UF PIERS
 RT CARGO SHIPS
 DAMS
 EARTH RESOURCES
 FREIGHTERS
 HARBORS
 MARINE TECHNOLOGY
 MATERIALS HANDLING
 . PORTS
 RIVERS
 SHIP TERMINALS
 TANKER SHIPS
 TERMINAL FACILITIES
 WATER

NASA THESAURUS (VOLUME 1)

WHEAT

GS FARM CROPS
 . GRAINS (FOOD)
 . . WHEAT
 RT CROP GROWTH
 CROP VIGOR
 . CROPS
 RICE

WHEATSTONE BRIDGES

GS CIRCUITS
 . ELECTRIC BRIDGES
 . . WIRE BRIDGE CIRCUITS
 . . . WHEATSTONE BRIDGES
 RT MEASURING INSTRUMENTS
 OHMMETERS

WHEEL BRAKES

GS BRAKES (FOR ARRESTING MOTION)
 . WHEEL BRAKES
 RT AIRCRAFT BRAKES
 AIRCRAFT SAFETY
 ANTISKID DEVICES
 CONTROLLABILITY
 FRICTION
 HYDRAULIC EQUIPMENT
 LANDING GEAR
 TIRES
 VEHICLE WHEELS

WHEELCHAIRS

RT HANDICAPS
 HUMAN FACTORS ENGINEERING
 LOCOMOTION
 RAMPS (STRUCTURES)

WHEELS

GS WHEELS
 . COUNTER-ROTATING WHEELS
 . FLYWHEELS
 . REACTION WHEELS
 . TOROIDAL WHEELS
 . TURBINE WHEELS
 . VEHICLE WHEELS
 . . NOSE WHEELS
 . WATER WHEELS
 RT BEARINGS
 BRAKES (FOR ARRESTING MOTION)
 GEARS
 HUBS
 LANDING GEAR
 PULLEYS
 ROLLERS
 ROTORS
 SHAFTS (MACHINE ELEMENTS)
 SPOKES
 TIRES

WHIP ANTENNAS

GS ANTENNAS
 . OMNIDIRECTIONAL ANTENNAS
 . . MONOPOLE ANTENNAS
 . . . WHIP ANTENNAS
 RT RADIO ANTENNAS

WHIPLASH INJURIES

GS INJURIES
 . WHIPLASH INJURIES
 RT BACK INJURIES
 CRASH INJURIES

WHIRL

USE ROTATION

WHIRL INSTABILITY

USE ROTARY STABILITY

WHIRLING

USE ROTATION

WHIRLING TESTS

USE SPIN TESTS

WHIRLWIND MK-10 HELICOPTER

USE WESTLAND WHIRLWIND HELICOPTER

WHIRLWIND PROJECT

GS PROGRAMS
 . PROJECTS
 . . WHIRLWIND PROJECT

WHISKER COMPOSITES

UF METAL WHISKER REINFORCEMENT
 GS COMPOSITE MATERIALS

WHISKER COMPOSITES-(CONT.)

RT WHISKER COMPOSITES
EUTECTIC ALLOYS
METAL MATRIX COMPOSITES
REINFORCING FIBERS

WHISKERS (CRYSTALS)

GS CRYSTALS
WHISKERS (CRYSTALS)
RT DENDRITIC CRYSTALS
FIBERS
FILAMENTS

WHISTLER RECORDERS

GS COMMUNICATION EQUIPMENT
RADIO RECEIVERS
WHISTLER RECORDERS
RADIO EQUIPMENT
RADIO RECEIVERS
WHISTLER RECORDERS
RECORDING INSTRUMENTS
WHISTLER RECORDERS
RT SONOGRAMS

WHISTLERS

GS ATMOSPHERIC RADIATION
IONOSPHERIC NOISE
WHISTLERS
ELECTROMAGNETIC INTERFERENCE
RADIO FREQUENCY INTERFERENCE
BLACKOUT (PROPAGATION)
ELECTROMAGNETIC NOISE
ATMOSPHERICS
WHISTLERS
IONOSPHERIC NOISE
WHISTLERS
RT DAWN CHORUS
ELECTROMAGNETIC FIELDS
LIGHTNING
MICROWAVES
RADIO SIGNALS
SONOGRAMS

WHITE BLOOD CELLS

GS BODY FLUIDS
BLOOD
WHITE BLOOD CELLS
RT LEUKOCYTES

WHITE DWARF STARS

GS CELESTIAL BODIES
STARS
DWARF STARS
WHITE DWARF STARS
HOT STARS
WHITE DWARF STARS
RT DWARF NOVAE
SUBDWARF STARS
SUPERNOVA REMNANTS
WOLF-RAYET STARS

WHITE HOLES (ASTRONOMY)

GS CELESTIAL BODIES
STARS
WHITE HOLES (ASTRONOMY)
GRAVITATIONAL COLLAPSE
WHITE HOLES (ASTRONOMY)
RT BLACK HOLES (ASTRONOMY)
COSMOLOGY
ELECTROMAGNETIC RADIATION
GRAVITATIONAL LENSES
LIGHT EMISSION
NAKED SINGULARITIES
SUPERNOVA REMNANTS

WHITE LANCE MISSILE

GS MISSILES
WHITE LANCE MISSILE
RT LIQUID PROPELLANT ROCKET ENGINES

WHITE LIGHT HOLOGRAPHY

GS IMAGERY
HOLOGRAPHY
WHITE LIGHT HOLOGRAPHY
PHOTOGRAPHY
HOLOGRAPHY
WHITE LIGHT HOLOGRAPHY
RT DATA STORAGE
WAVE FRONT RECONSTRUCTION

WHITE NOISE

UF SPECTRAL NOISE
GS ELECTROMAGNETIC INTERFERENCE

WHITE NOISE-(CONT.)

RT RADIO FREQUENCY INTERFERENCE
BLACKOUT (PROPAGATION)
ELECTROMAGNETIC NOISE
WHITE NOISE
THERMAL NOISE
RT ELECTROMAGNETIC NOISE
MEASUREMENT
JAMMING
NOISE
NOISE (SOUND)
NOISE SPECTRA
RANDOM NOISE
SIGNAL TO NOISE RATIOS
SPECTRAL BANDS

WHITEOUT

RT VISIBILITY
VISUAL FLIGHT

WHITHAM RULE

GS RULES
WHITHAM RULE
RT SHOCK WAVES
WAVE PROPAGATION

WHITTAKER FUNCTIONS

GS ANALYSIS (MATHEMATICS)
REAL VARIABLES
WHITTAKER FUNCTIONS
FUNCTIONS (MATHEMATICS)
WHITTAKER FUNCTIONS
RT DIFFERENTIAL EQUATIONS

WHITWORTH GLOSTER AW-650 AIRCRAFT

USE AW 650 AIRCRAFT

WICKS

RT FUSES (ORDNANCE)

WIDE ANGLE LENSES

GS LENSES
WIDE ANGLE LENSES
OPTICAL EQUIPMENT
WIDE ANGLE LENSES
RT ALL SKY PHOTOGRAPHY
CAMERAS
PANORAMIC CAMERAS

WIDEBAND

USE BROADBAND

WIDEBAND COMMUNICATION

GS TELECOMMUNICATION
WIDEBAND COMMUNICATION
RT BROADBAND AMPLIFIERS
CODE DIVISION MULTIPLE ACCESS
MULTIPLE ACCESS
POINT TO POINT COMMUNICATION
TIME DIVISION MULTIPLE ACCESS
TROPOSPHERIC SCATTERING

WIDMANSTATTEN STRUCTURE

GS CRYSTAL STRUCTURE
WIDMANSTATTEN STRUCTURE
MICROSTRUCTURE
WIDMANSTATTEN STRUCTURE
RT IRON METEORITES
METALLOGRAPHY
METEORITIC MICROSTRUCTURES
PATTERNS

WIDTH

GS DIMENSIONS
WIDTH
RT BANDWIDTH
SPAN

WIENER FILTERING

RT ELECTRIC FILTERS
OPTIMIZATION
STATISTICAL ANALYSIS

WIENER HOPF EQUATIONS

GS ANALYSIS (MATHEMATICS)
FUNCTIONAL ANALYSIS
INTEGRAL EQUATIONS
WIENER HOPF EQUATIONS

WIGGLER MAGNETS

GS MAGNETS
WIGGLER MAGNETS
REFLECTORS
WIGGLER MAGNETS

WIGGLER MAGNETS-(CONT.)

RT FREE ELECTRON LASERS
LASER PUMPING
TUNABLE LASERS

WIGHTMAN THEORY

USE FIELD THEORY (PHYSICS)
QUANTUM THEORY
RELATIVISTIC THEORY

WIGNER COEFFICIENT

GS COEFFICIENTS
WIGNER COEFFICIENT
RT ANGULAR MOMENTUM
MECHANICS (PHYSICS)

WILDERNESS

RT DESERTS
FORESTS
LAND MANAGEMENT
PLAINS
REMOTE REGIONS
RURAL AREAS

WILDLIFE

GS ANIMALS
WILDLIFE
BABOONS
BATS
BIRDS
CERCOCEBUS MONKEYS
CHIMPANZEES
RT ENDANGERED SPECIES
ENVIRONMENT EFFECTS
HABITATS
WETLANDS

WILDLIFE RADIOLOCATION

GS TRACKING (POSITION)
RADIO TRACKING
WILDLIFE RADIOLOCATION
RT ANIMALS
BIOINSTRUMENTATION
BIOTELEMETRY
RADIO TRANSMITTERS
REMOTE SENSORS
SATELLITE INSTRUMENTS
SATELLITE OBSERVATION
TRIANGULATION

WILLISTON BASIN (NORTH AMERICA)

GS LANDFORMS
STRUCTURAL BASINS
WILLISTON BASIN (NORTH AMERICA)
RT CANADA
MONTANA
NORTH AMERICA
NORTH DAKOTA

WINCHES

RT CRANES
ELEVATORS (LIFTS)
LIFTS
PULLEYS

WIND (METEOROLOGY)

GS WIND (METEOROLOGY)
CIRCUMPOLAR WESTERLIES
CYCLOGENESIS
GROUND WIND
GUSTS
MONSOONS
SEA BREEZE
SQUALLS
WINDS ALOFT
GEOSTROPHIC WIND
JET STREAMS (METEOROLOGY)
RT AEOLIAN TONES
AEROLOGY
AIR CURRENTS
AIR POLLUTION
ALPINE METEOROLOGY
ANEMOMETERS
ATMOSPHERIC CIRCULATION
BAROTROPIC FLOW
BARRIERS
BLOWING
CLIMATOLOGY
CYCLONES
GRAVITY WAVES
HOT-FILM ANEMOMETERS
JIMSPHERE BALLOONS
MARINE METEOROLOGY
MERIDIONAL FLOW
MESOSCALE PHENOMENA

WIND CIRCULATION**WIND (METEOROLOGY)-(CONT.)**

METEOROLOGY
PRESSURE ICE
RIPPLES
STORM DAMAGE
STORMS
STORMS (METEOROLOGY)
THUNDERSTORMS
TIDAL WAVES
TORNADOES
UPWELLING WATER
VERTICAL AIR CURRENTS
WEATHER
WEATHER FORECASTING
WINDMILLS (WINDPOWERED MACHINES)
WINDPOWER UTILIZATION
WINDPOWERED GENERATORS

WIND CIRCULATION

USE ATMOSPHERIC CIRCULATION

WIND DIRECTION

RT ATMOSPHERIC CIRCULATION
GROUND WIND
MERIDIONAL FLOW
SEA BREEZE
SMOKE TRAILS
UPSTREAM
UPWELLING WATER
WINDMILLS (WINDPOWERED MACHINES)
WINDPOWERED GENERATORS

WIND EFFECTS

RT ATMOSPHERIC EFFECTS
DUNES
DUST STORMS
∞ EFFECTS
EROSION
GROUND WIND
PRESSURE EFFECTS
SEA BREEZE
SEA ROUGHNESS
SEA STATES
SOIL EROSION
TURBULENCE
WATER CIRCULATION

WIND ENERGY

USE WINDPOWER UTILIZATION

WIND EROSION

GS EROSION
∞ WIND EROSION
RT ATMOSPHERIC EFFECTS
GROUND WIND
PENEPLAINS
SEA BREEZE
WATER EROSION

WIND MEASUREMENT

GS MECHANICAL MEASUREMENT
∞ WIND MEASUREMENT
∞ WIND VELOCITY MEASUREMENT
RT AERODYNAMICS
ANEMOMETERS
HOT-FILM ANEMOMETERS
∞ MEASUREMENT
METEOROLOGICAL PARAMETERS
METEOROLOGY
RAWINSONDES
SEA BREEZE
SMOKE TRAILS

WIND PRESSURE

GS PRESSURE
∞ WIND PRESSURE
RT DYNAMIC LOADS
GROUND WIND
GUST LOADS
LOADS (FORCES)
WINDPOWER UTILIZATION
WINDPOWERED GENERATORS

WIND PROFILES

RT ATMOSPHERIC CIRCULATION
GROUND WIND
∞ PROFILES
RADIAL DISTRIBUTION
SMOKE TRAILS
VERTICAL DISTRIBUTION

WIND RIVER RANGE (WY)

GS LANDFORMS
∞ MOUNTAINS

WIND RIVER RANGE (WY)-(CONT.)

RT ∞ WIND RIVER RANGE (WY)
OROGRAPHY
WYOMING

WIND SHEAR

UF DUNGEYS WIND SHEAR MECHANISM
RT BAROTROPIC FLOW
CLEAR AIR TURBULENCE
GEOSTROPHIC WIND
GROUND WIND

WIND TUNNEL APPARATUS

UF WIND TUNNEL BALANCES
GS WIND TUNNEL APPARATUS
∞ WIND TUNNEL DRIVES
∞ WIND TUNNEL NOZZLES
RT ∞ EQUIPMENT
SUPERSONIC TEST APPARATUS

WIND TUNNEL BALANCES

USE WEIGHT INDICATORS
WIND TUNNEL APPARATUS

WIND TUNNEL CALIBRATION

GS CALIBRATING
∞ WIND TUNNEL CALIBRATION
RT MEASURING INSTRUMENTS
PRESSURE MEASUREMENT
SCALING LAWS
TEMPERATURE MEASUREMENT

WIND TUNNEL DRIVES

GS WIND TUNNEL APPARATUS
∞ WIND TUNNEL DRIVES
RT ∞ DRIVES
∞ FANS
MECHANICAL DRIVES
PLASMA GENERATORS
PRESSURE CHAMBERS
VACUUM CHAMBERS

WIND TUNNEL MODELS

GS MODELS
∞ WIND TUNNEL MODELS
RT ∞ POWERED MODELS
AERODYNAMIC CONFIGURATIONS
AIRCRAFT MODELS
DYNAMIC MODELS
FLOW VISUALIZATION
∞ MISSILE SIMULATORS
PYLON MOUNTING
SCALE MODELS
SEMISPAN MODELS
SHADOWGRAPH PHOTOGRAPHY
∞ TEST EQUIPMENT

WIND TUNNEL NOZZLES

GS WIND TUNNEL APPARATUS
∞ WIND TUNNEL NOZZLES
RT CONICAL NOZZLES
CONVERGENT-DIVERGENT NOZZLES
DIVERGENT NOZZLES
HYPERSONIC NOZZLES
∞ NOZZLES
SUPERSONIC NOZZLES
TRANSONIC NOZZLES

WIND TUNNEL STABILITY TESTS

GS STABILITY TESTS
∞ WIND TUNNEL STABILITY TESTS
RT AERODYNAMIC STABILITY
AIRCRAFT STABILITY
MISSILE TESTS
SPACECRAFT STABILITY

WIND TUNNEL TESTS

RT AERODYNAMIC CHARACTERISTICS
DENSITY MEASUREMENT
FLOW DISTRIBUTION
PRESSURE MEASUREMENT
∞ TESTS
TRANSONIC WIND TUNNELS
WATER TUNNEL TESTS

WIND TUNNEL WALLS

GS WALLS
∞ WIND TUNNEL WALLS
RT PRESSURE VESSELS
REINFORCED SHELLS

WIND TUNNELS

GS TEST FACILITIES
∞ WIND TUNNELS

NASA THESAURUS (VOLUME 1)**WIND TUNNELS-(CONT.)**

∞ BLOWDOWN WIND TUNNELS
∞ COMBUSTION WIND TUNNELS
∞ CRYOGENIC WIND TUNNELS
∞ HYPERSONIC WIND TUNNELS
∞ CASCADE WIND TUNNELS
∞ HOTSHOT WIND TUNNELS
∞ PLASMA JET WIND TUNNELS
∞ SHOCK TUNNELS
∞ HYPERVELOCITY WIND TUNNELS
∞ CASCADE WIND TUNNELS
∞ HOTSHOT WIND TUNNELS
∞ PLASMA JET WIND TUNNELS
∞ SHOCK TUNNELS
∞ LOW DENSITY WIND TUNNELS
∞ LOW SPEED WIND TUNNELS
∞ SUBSONIC WIND TUNNELS
∞ RECTANGULAR WIND TUNNELS
∞ SLOTTED WIND TUNNELS
∞ SUPERSONIC WIND TUNNELS
∞ TRANSONIC WIND TUNNELS
∞ TRISONIC WIND TUNNELS

RT AERODYNAMICS
EXHAUST FLOW SIMULATION
FLIGHT SIMULATORS
GAS GUNS
GAS STREAMS
HYPERSONIC FLOW
SPIKES (AERODYNAMIC CONFIGURATIONS)
SUPERSONIC FLOW
TEST CHAMBERS
∞ TEST EQUIPMENT
TRANSONIC FLOW
∞ TUNNELS

WIND TURBINES

GS TURBOMACHINERY
∞ TURBINES
RT ∞ WIND TURBINES
TURBOGENERATORS
WIND VELOCITY
WINDMILLS (WINDPOWERED MACHINES)
WINDPOWER UTILIZATION
WINDPOWERED GENERATORS

WIND VANES

GS DISPLAY DEVICES
∞ FLOW DIRECTION INDICATORS
∞ WIND VANES
MEASURING INSTRUMENTS
∞ INDICATING INSTRUMENTS
∞ FLOW DIRECTION INDICATORS
∞ WIND VANES
∞ METEOROLOGICAL INSTRUMENTS
∞ WIND VANES
VANES
∞ WIND VANES
RT ANEMOMETERS
HOT-FILM ANEMOMETERS

WIND VARIATIONS

GS VARIATIONS
RT ∞ WIND VARIATIONS
ANNUAL VARIATIONS
ATMOSPHERIC TURBULENCE
BLATON FORMULA
DIURNAL VARIATIONS
SEASONS

WIND VELOCITY

GS RATES (PER TIME)
∞ WIND VELOCITY
∞ SOLAR WIND VELOCITY
VELOCITY
∞ WIND VELOCITY
RT ∞ SOLAR WIND VELOCITY
AIRSPEED
ANEMOMETERS
FLOW MEASUREMENT
GROUND WIND
HOT-FILM ANEMOMETERS
SEA ROUGHNESS
WIND TURBINES
WINDMILLS (WINDPOWERED MACHINES)
WINDPOWER UTILIZATION
WINDPOWERED GENERATORS

WIND VELOCITY MEASUREMENT

GS MECHANICAL MEASUREMENT
∞ VELOCITY MEASUREMENT
∞ WIND VELOCITY MEASUREMENT
∞ WIND MEASUREMENT
RT ∞ WIND VELOCITY MEASUREMENT
ANEMOMETERS

WIND VELOCITY MEASUREMENT-(CONT.)
HOT-FILM ANEMOMETERS**WINDING**

- GS **WINDING**
 - . FILAMENT WINDING
 - . HELICAL WINDINGS
 - . WIRE WINDING
- RT COLD WORKING
 - LEVELING
 - METAL WORKING
 - SPINDLES
 - SPIRAL WRAPPING
 - STRETCHING
 - TWISTING

WINDMILLING

- USE AUTOROTATION

WINDMILLS (WINDPOWERED MACHINES)

- RT ELECTRIC GENERATORS
 - GEARS
 - GROUND WIND
 - MECHANICAL DRIVES
- ∞ POWER TRANSMISSION
- ∞ PUMPING
 - WIND (METEOROLOGY)
 - WIND DIRECTION
 - WIND TURBINES
 - WIND VELOCITY
 - WINDPOWER UTILIZATION
 - WINDPOWERED GENERATORS
 - WINDPOWERED PUMPS

WINDOW ATMOSPHERE SOUNDING PROJECTILE
USE WASP SOUNDING ROCKET**∞WINDOWS**

- SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)*
- RT INFRARED WINDOWS
 - PORTS (OPENINGS)
 - WAVEGUIDE WINDOWS
 - WINDOWS (APERTURES)
 - WINDOWS (INTERVALS)

WINDOWS (APERTURES)

- SN *(EXCLUDES INTERVALS IN TIME, FREQUENCY, ENERGY ETC)*
- RT APERTURES
 - ∞ BARRIERS
 - CURTAINS
 - DOORS
 - DUCTS
 - OPENINGS
 - PORTS (OPENINGS)
 - SEPARATORS
 - SHIELDING
 - VENTS
 - ∞ WINDOWS
 - WINDSHIELDS

WINDOWS (INTERVALS)

- SN *(EXCLUDES INTERVALS IN SPACE CONTINUUM)*
- GS **WINDOWS (INTERVALS)**
 - . LASER WINDOWS
 - . LAUNCH WINDOWS
- RT BANDWIDTH
 - BURNING TIME
 - COUNTDOWN
 - ENERGY BANDS
 - FLIGHT TIME
 - TESTING TIME
 - TIME MEASUREMENT
 - ∞ WINDOWS

WINDPOWER UTILIZATION

- UF WIND ENERGY
- GS UTILIZATION
 - . **WINDPOWER UTILIZATION**
- RT AIR CURRENTS
 - AIR MASSES
 - ATMOSPHERIC CIRCULATION
 - CLEAN ENERGY
 - EARTH RESOURCES
 - GROUND WIND
 - SEA BREEZE
 - VANES
 - WIND (METEOROLOGY)
 - WIND PRESSURE
 - WIND TURBINES
 - WIND VELOCITY
 - WINDMILLS (WINDPOWERED MACHINES)

WINDPOWER UTILIZATION-(CONT.)

- WINDPOWERED GENERATORS
- WINDPOWERED PUMPS

WINDPOWERED GENERATORS

- RT ELECTRIC GENERATORS
- ∞ GENERATORS
 - GROUND WIND
 - VANES
 - WIND (METEOROLOGY)
 - WIND DIRECTION
 - WIND PRESSURE
 - WIND TURBINES
 - WIND VELOCITY
 - WINDMILLS (WINDPOWERED MACHINES)
 - WINDPOWER UTILIZATION

WINDPOWERED PUMPS

- GS PUMPS
 - . **WINDPOWERED PUMPS**
- RT PONDS
 - ∞ PUMPING
 - RESERVOIRS
 - VANES
 - WATER
 - WATER RESOURCES
 - WINDMILLS (WINDPOWERED MACHINES)
 - WINDPOWER UTILIZATION

WINDS ALOFT

- GS WIND (METEOROLOGY)
 - . **WINDS ALOFT**
 - . . GEOSTROPHIC WIND
 - . . JET STREAMS (METEOROLOGY)
- RT CIRCUMPOLAR WESTERLIES
 - SEA BREEZE
 - VERTICAL AIR CURRENTS

WINDSCREENS

- USE WINDSHIELDS

WINDSHIELDS

- UF WINDSCREENS
- RT AIRCRAFT COMPARTMENTS
 - CANOPIES
 - COCKPITS
 - ENVIRONMENTAL CONTROL
 - LOCOMOTIVES
 - SHIELDING
 - WINDOWS (APERTURES)

WINES

- GS LIQUIDS
 - . POTABLE LIQUIDS
 - . . BEVERAGES
 - . . . WINES
- RT VINEYARDS

WING CAMBER

- GS CAMBER
 - . **WING CAMBER**
- RT CAMBERED WINGS
 - CONICAL CAMBER

WING FLAPS

- UF JET AUGMENTED WING FLAPS
- GS AIRFOILS
 - . FLAPS (CONTROL SURFACES)
 - . . **WING FLAPS**
 - . . . LEADING EDGE SLATS
 - . . . TRAILING-EDGE FLAPS
 - . . . VORTEX FLAPS
 - BRAKES (FOR ARRESTING MOTION)
 - . AERODYNAMIC BRAKES
 - . . **WING FLAPS**
 - . . . LEADING EDGE SLATS
 - . . . TRAILING-EDGE FLAPS
 - . AIRCRAFT BRAKES
 - . . **WING FLAPS**
 - . . . LEADING EDGE SLATS
 - . . . TRAILING-EDGE FLAPS
 - CONTROL SURFACES
 - . FLAPS (CONTROL SURFACES)
 - . . **WING FLAPS**
 - . . . LEADING EDGE FLAPS
 - . . . LEADING EDGE SLATS
 - . . . TRAILING-EDGE FLAPS
 - DRAW DEVICES
 - . AERODYNAMIC BRAKES
 - . . **WING FLAPS**
 - . . . LEADING EDGE SLATS
 - . . . TRAILING-EDGE FLAPS
- RT EXTERNALLY BLOWN FLAPS
 - JET FLAPS
 - SPLIT FLAPS

WING FLOW METHOD TESTS

- RT FLIGHT TESTS
 - FLUID FLOW
 - GROUND TESTS
- ∞ METHODOLOGY
- ∞ TESTS
 - TRANSONIC WIND TUNNELS

WING LOADING

- GS AERODYNAMIC FORCES
 - . **WING LOADING**
 - LOADS (FORCES)
 - . DYNAMIC LOADS
 - . . **WING LOADING**
- RT AERODYNAMIC LOADS
 - AEROELASTICITY
 - EDGE LOADING
 - FORCE DISTRIBUTION
 - GUST LOADS
 - LEADING EDGE THRUST
 - STATIC LOADS
 - SWEEP EFFECT
 - VORTEX FLAPS

WING NACELLE CONFIGURATIONS

- GS AERODYNAMIC CONFIGURATIONS
 - . **WING NACELLE CONFIGURATIONS**
- RT ∞ AIRCRAFT
 - AIRFRAMES
 - EXTERNALLY BLOWN FLAPS

WING OSCILLATIONS

- GS OSCILLATIONS
 - . **WING OSCILLATIONS**
- RT AERODYNAMIC STABILITY
 - FLAPPING
 - FLUTTER
 - STABLE OSCILLATIONS
 - UNDAMPED OSCILLATIONS
 - VIBRATION

WING PANELS

- GS PANELS
 - . **WING PANELS**
 - STRUCTURAL MEMBERS
 - . **WING PANELS**
- RT CURVED PANELS
 - RECTANGULAR PANELS
 - WINGS

WING PLANFORMS

- GS PLANFORMS
 - . **WING PLANFORMS**
 - . . CHANNEL WINGS
 - . . INFINITE SPAN WINGS
 - . . SWEEPED FORWARD WINGS
 - . . . TRAPEZOIDAL WINGS
 - . . . SWEEPBACK WINGS
 - . . . ARROW WINGS
 - . . . DELTA WINGS
 - . . . TRAPEZOIDAL WINGS
 - . . . VARIABLE SWEEP WINGS
- RT HP-115 AIRCRAFT
 - LOW ASPECT RATIO WINGS
 - MONOPLANES
 - OBLIQUE WINGS
 - RECTANGULAR PLANFORMS
 - SLENDER WINGS
 - SWEEP WINGS
 - SWING WINGS
 - THRUST DISTRIBUTION
 - UNSWEPT WINGS

WING PROFILES

- GS AIRFOIL PROFILES
 - . **WING PROFILES**
 - . . WING SPAN
- RT AERODYNAMIC INTERFERENCE
 - GAW-1 AIRFOIL
 - GAW-2 AIRFOIL
 - MONOPLANES
 - SUPERCritical WINGS
 - SWING WINGS
 - WINGS

WING ROOTS

- RT AERODYNAMIC CONFIGURATIONS
 - AIRCRAFT CONFIGURATIONS
 - DROOPED AIRFOILS
 - FAIRINGS
- ∞ ROOTS

WING SLATS

- USE LEADING EDGE SLATS

WING SLOTS

WING SLOTS

- GS SLOTS
- . WING SLOTS
- RT BOUNDARY LAYER CONTROL
- LEADING EDGE SLATS
- VORTEX GENERATORS

WING SPAN

- GS AIRFOIL PROFILES
- . WING PROFILES
- . . WING SPAN
- RT ∞SPAN
- SPANWISE BLOWING
- WINGS

WING TANKS

- GS TANKS (CONTAINERS)
- . FUEL TANKS
- . . WING TANKS
- RT ∞CONTAINERS
- EXTERNAL STORE SEPARATION
- EXTERNAL STORES
- EXTERNAL TANKS
- JETTISON SYSTEMS
- WING-FUSELAGE STORES

WING TIP VORTICES

- GS VORTICES
- . WING TIP VORTICES
- RT FLOW DISTORTION
- ROTATING FLUIDS

WING TIPS

- GS TIPS
- . WING TIPS
- RT AIRFOIL PROFILES
- BLADE TIPS
- WINGS

WING-FUSELAGE STORES

- RT EXTERNAL STORE SEPARATION
- EXTERNAL STORES
- FUSELAGES
- NACELLES
- PODS (EXTERNAL STORES)
- PROTUBERANCES
- ∞STORAGE
- STORAGE TANKS
- TANKS (CONTAINERS)
- WEAPONS
- WING TANKS

∞WINGED VEHICLES

- SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)*
- RT ∞AIRCRAFT
- B-1 AIRCRAFT
- DRONE VEHICLES
- FIREBEE 2 TARGET DRONE AIRCRAFT
- GLIDERS
- HANG GLIDERS
- HYPERSONIC VEHICLES
- JET AIRCRAFT
- KA-6 SAILPLANES
- LAUNCH VEHICLES
- LEADING EDGE FLAPS
- MISSILES
- MONOPLANES
- RECOVERABLE LAUNCH VEHICLES
- RECOVERABLE SPACECRAFT
- REENTRY VEHICLES
- RESEARCH AIRCRAFT
- ROCKET VEHICLES
- SHORT TAKEOFF AIRCRAFT
- SUPERCritical WINGS
- VERTICAL TAKEOFF AIRCRAFT
- WINGS

WINGLETS

- RT DRAG REDUCTION
- FINS
- PROTUBERANCES
- VORTEX ALLEVIATION
- VORTEX AVOIDANCE
- WINGS

WINGS

- UF CANTILEVER WINGS
- GS AIRFOILS
- . WINGS
- . . CAMBERED WINGS
- . . CARET WINGS
- . . CHANNEL WINGS
- . . CRUCIFORM WINGS

WINGS-(CONT.)

- . . FIXED WINGS
- . . FLEXIBLE WINGS
- . . PARAWINGS
- . . GAW-1 AIRFOIL
- . . GAW-2 AIRFOIL
- . . LOW ASPECT RATIO WINGS
- . . DELTA WINGS
- . . TRAPEZOIDAL WINGS
- . . OBLIQUE WINGS
- . . RIGID WINGS
- . . ROTARY WINGS
- . . LIFTING ROTORS
- . . BEARINGLESS ROTORS
- . . RIGID ROTORS
- . . TILTING ROTORS
- . . TIP DRIVEN ROTORS
- . . SLENDER WINGS
- . . INFINITE SPAN WINGS
- . . SUPERCRITICAL WINGS
- . . SWEEP WINGS
- . . SWEEP FORWARD WINGS
- . . TRAPEZOIDAL WINGS
- . . SWEEPBACK WINGS
- . . ARROW WINGS
- . . DELTA WINGS
- . . TRAPEZOIDAL WINGS
- . . SWING WINGS
- . . THIN WINGS
- . . INFINITE SPAN WINGS
- . . TWISTED WINGS
- . . UNCAMBERED WINGS
- . . RING WINGS
- . . UNSWEPT WINGS
- . . INFINITE SPAN WINGS
- . . RECTANGULAR WINGS
- . . RING WINGS
- . . VARIABLE SWEEP WINGS
- RT AIRCRAFT CONSTRUCTION MATERIALS
- AIRCRAFT PARTS
- AIRCRAFT STRUCTURES
- AIRFOIL FENCES
- AIRFRAMES
- ASPECT RATIO
- BLUNT TRAILING EDGES
- BODY-WING AND TAIL CONFIGURATIONS
- BODY-WING CONFIGURATIONS
- COATINGS
- CONTROL SURFACES
- DROOPED AIRFOILS
- DUAL WING CONFIGURATIONS
- LEADING EDGE FLAPS
- MISSILE COMPONENTS
- ROTORS
- SPOILERS
- WING PANELS
- WING PROFILES
- WING SPAN
- WING TIPS
- ∞WINGED VEHICLES
- WINGLETS
- X WING ROTORS

WINTER

- GS SEASONS
- . WINTER
- RT COLD WEATHER
- EQUINOXES
- PRESSURE ICE
- SOLSTICES

WIRE

- GS WIRE
- . ELECTRIC WIRE
- . EXPLODING WIRES
- . GUY WIRES
- RT BILLETS
- CABLES (ROPES)
- ∞COILS
- CORDAGE
- FASTENERS
- ∞FILAMENTS
- FLAT CONDUCTORS
- JUMPERS
- REINFORCEMENT (STRUCTURES)
- RODS
- WIRING

WIRE BRIDGE CIRCUITS

- GS CIRCUITS
- . ELECTRIC BRIDGES
- . . WIRE BRIDGE CIRCUITS
- . . WHEATSTONE BRIDGES
- RT ELECTRIC WIRE
- EXPLODING WIRES

NASA THESAURUS (VOLUME 1)

WIRE CLOTH

- UF WIRE MESH
- RT FABRICS
- REINFORCEMENT (STRUCTURES)
- ∞SCREENS
- SIEVES

WIRE GRID LENSES

- GS LENSES
- . WIRE GRID LENSES
- RETICLES
- . WIRE GRID LENSES
- RT ∞GRIDS
- LENS ANTENNAS
- MAGNETIC LENSES
- TURNSTILE ANTENNAS

WIRE MESH

- USE WIRE CLOTH

WIRE WINDING

- GS WINDING
- . WIRE WINDING
- RT MAGNET COILS
- WIRING

WIRELESS COMMUNICATION

- UF CARRIER SYSTEMS
- GS TELECOMMUNICATION
- . WIRELESS COMMUNICATION
- RT AIRCRAFT COMMUNICATION
- CLOSED CIRCUIT TELEVISION
- COMMUNICATION SATELLITES
- DATA LINKS
- DATA TRANSMISSION
- DIGITAL SPACECRAFT TELEVISION
- FACSIMILE COMMUNICATION
- OPTICAL COMMUNICATION
- RADIO TELEMETRY
- SIGNAL TRANSMISSION
- SPACE COMMUNICATION
- SPACECRAFT COMMUNICATION
- TELEMETRY
- VOICE COMMUNICATION

WIRING

- SN (PROCESS--AS DISTINGUISHED FROM MATERIAL)
- UF ELECTRIC WIRING
- WIRING SYSTEMS
- GS WIRING
- . BEAM LEADS
- RT BUNDLES
- CIRCUITS
- ELECTRICAL INSULATION
- FLAT CONDUCTORS
- SPlicing
- TRANSMISSION LINES
- WIRE
- WIRE WINDING

WIRING SYSTEMS

- USE WIRING

WISCONSIN

- GS UNITED STATES OF AMERICA
- . WISCONSIN

WISWESSER NOTATIONS

- GS CODING
- . WISWESSER NOTATIONS
- RT ∞CHEMICAL COMPOUNDS
- ∞CHEMISTRY
- CLASSIFICATIONS
- IDENTIFYING
- MOLECULAR STRUCTURE
- ∞REFERENCE SYSTEMS

WKB APPROXIMATION

- USE WENTZEL-KRAMER-BRILLOUIN METHOD

WOLF-RAYET STARS

- UF W-R STARS
- GS CELESTIAL BODIES
- . STARS
- . . HOT STARS
- . . . WOLF-RAYET STARS
- RT A STARS
- ASTROPHYSICS
- B STARS
- CARBON STARS
- CELESTIAL MECHANICS
- EJECTA
- HELIUM

WOLF-RAYET STARS-(CONT.)

NITROGEN
O STARS
STELLAR ENVELOPES
STELLAR LUMINOSITY
STELLAR MASS EJECTION
WHITE DWARF STARS

WOLVERINES

GS ANIMALS
. VERTEBRATES
. . MAMMALS
. . . WOLVERINES

WOLVES

GS ANIMALS
. VERTEBRATES
. . MAMMALS
. . . WOLVES

WOMEN

USE FEMALES

WOOD

GS **WOOD**
. CORK (MATERIALS)
. PLYWOOD
RT BALSA
CELLULOSE
MASONITE (TRADEMARK)
ORGANIC MATERIALS
PAPER (MATERIAL)
PLANTS (BOTANY)
SLIVERS
TREES (PLANTS)
WOODEN STRUCTURES

WOODEN STRUCTURES

RT PLYWOOD
∞STRUCTURES
WOOD

WOOL

SN (LIMITED TO ANIMAL FIBERS)
GS FABRICS
. **WOOL**
FIBERS
. **WOOL**
RT FELTS
HAIR
KERATINS
ORGANIC MATERIALS
SHEEP
YARNS

WORD PROCESSING

RT COMPUTER TECHNIQUES
DATA PROCESSING
WORDS (LANGUAGE)

WORDS (LANGUAGE)

GS COMMUNICATION THEORY
. **WORDS (LANGUAGE)**
. . SYLLABLES
LANGUAGES
. SENTENCES
. . **WORDS (LANGUAGE)**
. . . SYLLABLES
LINGUISTICS
. SYNTAX
. . SENTENCES
. . . **WORDS (LANGUAGE)**
. . . . SYLLABLES
SPEECH
. TALKING
. . **WORDS (LANGUAGE)**
. . . SYLLABLES
RT CONSONANTS (SPEECH)
CONVERSATION
ENGLISH LANGUAGE
GRAMMARS
MESSAGES
ORTHOGRAPHY
PHONEMES
PHONEMICS
PHONETICS
SEMANTICS
TERMINOLOGY
THESAURI
VERBAL COMMUNICATION
VOICE COMMUNICATION
VOWELS
WORD PROCESSING

WORK

GS **WORK**
. PHYSICAL WORK
RT ∞ENERGY
HEAT
HORSEPOWER
KINETIC ENERGY
OCCUPATION
PHYSICAL FACTORS

WORK CAPACITY

RT HYPERKINESIA
ORBITAL WORKERS
PHYSICAL FITNESS
PHYSICAL WORK
WORKLOADS (PSYCHOPHYSIOLOGY)

WORK FUNCTIONS

UF SCHOTTKY EFFECT
RT ELECTRON EMISSION
∞FUNCTIONS
IONIZATION POTENTIALS
PERVEANCE
PHOTOELECTRIC EMISSION
SCHOTTKY DIODES
THERMIONIC EMISSION

WORK HARDENING

GS HARDENING (MATERIALS)
. **WORK HARDENING**
. . STRAIN HARDENING
RT COLD HARDENING
MECHANICAL TWINNING
METAL WORKING
PEENING
SHOT PEENING
WORK SOFTENING

WORK SOFTENING

GS SOFTENING
. **WORK SOFTENING**
RT MICROSTRUCTURE
PLASTIC DEFORMATION
WORK HARDENING

WORK-REST CYCLE

GS CYCLES
. **WORK-REST CYCLE**
RT FATIGUE (BIOLOGY)
RELAXATION (PHYSIOLOGY)

WORKHORSE HELICOPTER

USE CH-21 HELICOPTER

WORKING FLUIDS

GS CONSUMABLES (SPACECRAFT)
. **WORKING FLUIDS**
RT FLUID POWER
FLUID TRANSMISSION LINES
∞FLUIDS
HIGH TEMPERATURE FLUIDS
HYDRAULIC FLUIDS
JET CONDENSERS
PHASE CHANGE MATERIALS
TRANSMISSION FLUIDS

WORKLOADS (PSYCHOPHYSIOLOGY)

GS PHYSIOLOGY
. PSYCHOPHYSIOLOGY
. . **WORKLOADS (PSYCHOPHYSIOLOGY)**
RT FATIGUE (BIOLOGY)
HUMAN PERFORMANCE
MENTAL PERFORMANCE
PHYSICAL WORK
PSYCHOMOTOR PERFORMANCE
STRESS (PSYCHOLOGY)
WORK CAPACITY

WORLD

USE EARTH (PLANET)

WORLD DATA CENTERS

RT ∞CENTERS
DATA RETRIEVAL
DATA STORAGE
INTERNATIONAL GEOPHYSICAL YEAR
LIBRARIES
TRANSOCEANIC SYSTEMS

WORLD METEOROLOGICAL ORGANIZATION

GS ORGANIZATIONS
. **WORLD METEOROLOGICAL ORGANIZATION**
RT INTERNATIONAL COOPERATION

WORLD METEOROLOGICAL-(CONT.)

METEOROLOGY
UNITED NATIONS

WORMS

GS ANIMALS
. INVERTEBRATES
. . **WORMS**
. . . FLATWORMS
RT INFESTATION
LARVAE

WOUND HEALING

GS HEALING
. **WOUND HEALING**
RT INJURIES

WRANGELL MOUNTAINS (AK)

GS LANDFORMS
. MOUNTAINS
. . **WRANGELL MOUNTAINS (AK)**
RT ALASKA
OROGRAPHY

∞WRAP

SN *(USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)*
RT COMPOSITE WRAPPING
PACKAGING

WRAPAROUND CONTACT SOLAR CELLS

USE SOLAR CELLS

WRECKAGE

RT ACCIDENT INVESTIGATION
ACCIDENTS
CRASHES
SABOTAGE

WRENCHES

GS TOOLS
. **WRENCHES**

WRINKLING

GS **WRINKLING**
. FLANGE WRINKLING
RT BUCKLING
DEFORMATION
DISTORTION
∞RIDGES

WRIST

GS ANATOMY
. MUSCULOSKELETAL SYSTEM
. . JOINTS (ANATOMY)
. . . **WRIST**
RT ARM (ANATOMY)
HAND (ANATOMY)

WROUGHT ALLOYS

GS ALLOYS
. **WROUGHT ALLOYS**
RT RENE 41
RENE 63
RENE 77
WASPALLOY

WU-2 AIRCRAFT

USE U-2 AIRCRAFT

WURTZITE

GS CHALCOGENIDES
. SULFIDES
. . INORGANIC SULFIDES
. . . ZINC SULFIDES
. . . . **WURTZITE**
MINERALS
. **WURTZITE**
SULFUR COMPOUNDS
. SULFIDES
. . INORGANIC SULFIDES
. . . ZINC SULFIDES
. . . . **WURTZITE**
ZINC COMPOUNDS
. ZINC SULFIDES
. . **WURTZITE**

WYOMING

GS UNITED STATES OF AMERICA
. **WYOMING**
RT BIGHORN MOUNTAINS (MT-WY)
BLACK HILLS (SD-WY)
WIND RIVER RANGE (WY)

NASA THESAURUS (VOLUME 1)

YELLOWSTONE NATIONAL PARK
(ID-MT-WY)

USE F-2 AIRCRAFT

X

USE SUPERHIGH FREQUENCIES

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MESON
GS      PARTICLES
        . ELEMENTARY PARTICLES
        . . BOSONS
        . . . MESONS
        . . . . MESON RESONANCES
        . . . . . X MESONS
        . NUCLEAR PARTICLES
        . . BOSONS
        . . . MESONS
        . . . . MESON RESONANCES
        . . . . . X MESONS
        RESONANCE
        . MESON RESONANCES
        . . X MESONS

```

GS	ENERGY ABSORPTION
	· ELECTROMAGNETIC ABSORPTION
	· X RAY ABSORPTION
	· RADIATION ABSORPTION
	· ELECTROMAGNETIC ABSORPTION
	· X RAY ABSORPTION
RT	∞ ABSORPTION
	ELECTRON SPECTROSCOPY

RAY	ANALYSIS
GS	X RAY ANALYSIS
	LAUE METHOD
RT	ANALYZING
	CHEMICAL ANALYSIS
	CRYSTALLOGRAPHY
	DEFECTS
	FLUOROSCOPY
	LATTICE PARAMETERS
	MATERIALS TESTS
	MICROANALYSIS
	MICROBEAMS
	RADIOGRAPHY
	RADIOLOGY
	STEREOCHEMISTRY
	STRESS ANALYSIS
	TOMOGRAPHY

GS	MEDICAL EQUIPMENT
	. X RAY APPARATUS
	. . LIXISCOPES
	. . X RAY TUBES
RT	∞ EQUIPMENT
	RADIOGRAPHY

RAY ASTRONOMY	
GS	ASTRONOMY X RAY ASTRONOMY X RAY SOURCES
RT	COSMIC X RAYS EXOSAT SATELLITE EXTARS GAMMA RAY ASTRONOMY GAMMA RAY BURSTS LIXISCOPES RADIOGRAPHY SAS-3 UHURU SATELLITE ULTRAVIOLET TELESCOPES

RAY	ASTROPHYSICS FACILITY
UF	ADVANCED X RAY ASTROPHYSICAL FACILITY
	ADVANCED X RAY ASTROPHYSICS FACILITY
	AXAF
GS	PAYLOADS
	SPACE SHUTTLE PAYLOADS
RT	X RAY ASTROPHYSICS FACILITY
	ASTROPHYSICS
	∞ FACILITIES
	SPACEBORNE EXPERIMENTS

X RAY DENSITY MEASUREMENT	
GS DENSITY MEASUREMENT	
. X RAY DENSITY MEASUREMENT	
RT FLUX DENSITY	

GS	DIFFRACTION
RT	X RAY DIFFRACTION
	CRYSTALLOGRAPHY
	ELECTRON DIFFRACTION
	LAUE METHOD
	METALLOGRAPHY
	RADIOGRAPHY

```

GS      DEGRADATION
        DECAY
        . EMISSION
        ... LIGHT EMISSION
        ... LUMINESCENCE
        .... FLUORESCENCE
        ..... X RAY FLUORESCENCE
        ..... PHOTOLUMINESCENCE
RT      RADIOGRAPHY
        ..... X RAY FLUORESCENCE

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GS	IMAGERY
RT	X RAY IMAGERY
	IMAGING TECHNIQUES
	INFRARED IMAGERY
	LIXISCOPES
	MICROWAVE IMAGERY
	RADAR IMAGERY
	RADIOGRAPHY

GS	INSPECTION
RT	NONDESTRUCTIVE TESTS
	RADIOGRAPHY
	TESTS

GS IRRADIATION
X RAY IRRADIATION

RAY LASERS	
GS	STIMULATED EMISSION DEVICES
	. LASERS
	. . X RAY LASERS
RT	ELECTRON TRANSITIONS
	LASER OUTPUTS

- GS SCATTERING
 - . WAVE SCATTERING
 - . . ELECTROMAGNETIC SCATTERING
 - . . . X RAY SCATTERING
- RT FORM FACTORS

GS	ASTRONOMY
	. X RAY ASTRONOMY
	. . X RAY SOURCES
RT	EXOSAT SATELLITE
	EXTARS
	& RADIATION

GS	RAY SPECTRA . SPECTRA . RADIATION SPECTRA . . ELECTROMAGNETIC SPECTRA . . . X RAY SPECTRA
RT	NORTH POLAR SPUR (ASTRONOMY) QUASARS SOLAR SPECTRA STELLAR SPECTRA

USE X RAY SPECTROSCOPY

USE X RAY SPECTROSCOPY

USE EXPOS (SPACELAB PAYLOAD)

UF	X RAY SPECTROGRAPHY
	X RAY SPECTROMETRY
GS	SPECTROSCOPY

RT X RAY SPECTROSCOPY
ASTRONOMICAL SPECTROSCOPY
MATERIALS TESTS
MOLECULAR SPECTROSCOPY
RADIO SPECTROSCOPY
RADIOGRAPHY
SPECTROSCOPIC ANALYSIS
ULTRAVIOLET SPECTROSCOPY
VACUUM SPECTROSCOPY

RAY	STRESS ANALYSIS
GS	STRESS ANALYSIS
	. X RAY STRESS ANALYSIS
RT	STRESSES
	TEMPERATURE INVERSIONS

- GS MECHANICAL MEASUREMENT
- . STRESS MEASUREMENT
- .. X RAY STRESS MEASUREMENT

RT TELESCOPES
GS OPTICAL EQUIPMENT
. ASTRONOMICAL TELESCOPES
. X RAY TELESCOPES
TELESCOPES
. ASTRONOMICAL TELESCOPES
. X RAY TELESCOPES
RT EXTARS
RADIOGRAPHY

GS	MEDICAL EQUIPMENT
	. X RAY APPARATUS
	. . X RAY TUBES
RT	ELECTRON TUBES
	RADIOGRAPHY

RAY S	ELECTROMAGNETIC RADIATION	
	X RAYS	
	COSMIC X RAYS	
	SOLAR X-RAYS	
	IONIZING RADIATION	
	X RAYS	
	COSMIC X RAYS	
	SOLAR X-RAYS	
	RT	AURORAS
		BLACKOUT (PROPAGATION)
BREMSSTRAHLUNG		
COSMIC RAYS		
EMISSION SPECTRA		
EXTARS		
EXTRATERRESTRIAL RADIATION		
FAR ULTRAVIOLET RADIATION		
GAMMA RAYS		
MONOCHROMATIC RADIATION		
RADIOGRAPHY		
RADIOLOGY		
SYNCHROTRON RADIATION		
SYSTEM GENERATED		
ELECTROMAGNETIC PULSES		

- GS ROTATING BODIES
 - . ROTORS
 - . . ROTARY WINGS
 - . . . **X WING ROTORS**
- RT CIRCULATION CONTROL ROTORS
 - ∞ ROTOR BLADES
 - WINGS

GS	RECORDING INSTRUMENTS
	. PLOTTERS
	. . X-Y PLOTTERS
RT	DIGITAL TO ANALOG CONVERTERS

GS BELL AIRCRAFT
X-1 AIRCRAFT
MONOPLANES
X-1 AIRCRAFT
RESEARCH AIRCRAFT
X-1 AIRCRAFT
SUPERSONIC AIRCRAFT
X-1 AIRCRAFT
RT ROCKET VEHICLES

GS BELL AIRCRAFT
X-2 AIRCRAFT
MONOPLANES

X-2 AIRCRAFT-(CONT.)

. X-2 AIRCRAFT
RESEARCH AIRCRAFT
. X-2 AIRCRAFT
SUPERSONIC AIRCRAFT
. X-2 AIRCRAFT
ROCKET VEHICLES

RT

X-3 AIRCRAFT

GS JET AIRCRAFT
. X-3 AIRCRAFT
MCDONNELL DOUGLAS AIRCRAFT
. DOUGLAS AIRCRAFT
. X-3 AIRCRAFT
MONOPLANES
. X-3 AIRCRAFT
RESEARCH AIRCRAFT
. X-3 AIRCRAFT
SUPERSONIC AIRCRAFT
. X-3 AIRCRAFT

X-5 AIRCRAFT

GS BELL AIRCRAFT
. X-5 AIRCRAFT
JET AIRCRAFT
. X-5 AIRCRAFT
MONOPLANES
. X-5 AIRCRAFT
RESEARCH AIRCRAFT
. X-5 AIRCRAFT

X-13 AIRCRAFT

GS JET AIRCRAFT
. X-13 AIRCRAFT
MONOPLANES
. X-13 AIRCRAFT
RESEARCH AIRCRAFT
. X-13 AIRCRAFT
RYAN AIRCRAFT
. X-13 AIRCRAFT
V/STOL AIRCRAFT
. VERTICAL TAKEOFF AIRCRAFT
. X-13 AIRCRAFT

X-14 AIRCRAFT

GS BELL AIRCRAFT
. X-14 AIRCRAFT
JET AIRCRAFT
. X-14 AIRCRAFT
MONOPLANES
. X-14 AIRCRAFT
RESEARCH AIRCRAFT
. X-14 AIRCRAFT
V/STOL AIRCRAFT
. VERTICAL TAKEOFF AIRCRAFT
. X-14 AIRCRAFT

X-15 AIRCRAFT

GS NORTH AMERICAN AIRCRAFT
. X-15 AIRCRAFT
RESEARCH AIRCRAFT
. X-15 AIRCRAFT
SUPERSONIC AIRCRAFT
. X-15 AIRCRAFT
RT LR-99 ENGINE
ROCKET VEHICLES
XLR-99 ENGINE

X-17 REENTRY VEHICLE

GS REENTRY VEHICLES
. X-17 REENTRY VEHICLE
RT ROCKET VEHICLES
SOLID PROPELLANT ROCKET ENGINES

X-19 AIRCRAFT

GS CURTISS-WRIGHT AIRCRAFT
. X-19 AIRCRAFT
RESEARCH AIRCRAFT
. X-19 AIRCRAFT
TANDEM WING AIRCRAFT
. X-19 AIRCRAFT
V/STOL AIRCRAFT
. VERTICAL TAKEOFF AIRCRAFT
. X-19 AIRCRAFT

X-20 AIRCRAFT

UF DYNA-SOAR SPACE GLIDER
GS BOEING AIRCRAFT
. X-20 AIRCRAFT
GLIDERS
. BOOSTGLIDE VEHICLES
. X-20 AIRCRAFT
. HYPERSONIC GLIDERS
. X-20 AIRCRAFT
HYPERSONIC VEHICLES

X-20 AIRCRAFT-(CONT.)

. HYPERSONIC AIRCRAFT
. HYPERSONIC GLIDERS
. X-20 AIRCRAFT
LIFTING REENTRY VEHICLES
. X-20 AIRCRAFT
LIFTING BODIES
. LIFTING REENTRY VEHICLES
. X-20 AIRCRAFT
MANEUVERABLE SPACECRAFT
. LIFTING REENTRY VEHICLES
. X-20 AIRCRAFT
REENTRY VEHICLES
. BOOSTGLIDE VEHICLES
. X-20 AIRCRAFT
. LIFTING REENTRY VEHICLES
. X-20 AIRCRAFT
RESEARCH AIRCRAFT
. X-20 AIRCRAFT
RT AEROSPACEPLANES
ASTROPLANE
MANNED SPACECRAFT
SOFT LANDING SPACECRAFT

X-21 AIRCRAFT

GS JET AIRCRAFT
. X-21 AIRCRAFT
MONOPLANES
. X-21 AIRCRAFT
NORTHROP AIRCRAFT
. X-21 AIRCRAFT
RESEARCH AIRCRAFT
. X-21 AIRCRAFT
RT BOUNDARY LAYER CONTROL
LAMINAR BOUNDARY LAYER

X-21A AIRCRAFT

GS JET AIRCRAFT
. X-21A AIRCRAFT
MONOPLANES
. X-21A AIRCRAFT
NORTHROP AIRCRAFT
. X-21A AIRCRAFT
RESEARCH AIRCRAFT
. X-21A AIRCRAFT
RT LAMINAR FLOW

X-22 AIRCRAFT

GS BELL AIRCRAFT
. X-22 AIRCRAFT
RESEARCH AIRCRAFT
. X-22 AIRCRAFT
V/STOL AIRCRAFT
. VERTICAL TAKEOFF AIRCRAFT
. X-22 AIRCRAFT
RT TANDEM WING AIRCRAFT
TILT WING AIRCRAFT

X-22A AIRCRAFT

GS RESEARCH AIRCRAFT
. X-22A AIRCRAFT
TANDEM WING AIRCRAFT
. X-22A AIRCRAFT
V/STOL AIRCRAFT
. VERTICAL TAKEOFF AIRCRAFT
. X-22A AIRCRAFT

X-24 AIRCRAFT

GS LIFTING BODIES
. LIFTING REENTRY VEHICLES
. X-24 AIRCRAFT
RESEARCH AIRCRAFT
. X-24 AIRCRAFT

X-235 ENGINE

GS ENGINES
. ROCKET ENGINES
. SOLID PROPELLANT ROCKET
ENGINES
. X-235 ENGINE
RT LITTLE JOHN ROCKET VEHICLE

X-248 ENGINE

UF ALTAIR ENGINE
GS ENGINES
. ROCKET ENGINES
. SOLID PROPELLANT ROCKET
ENGINES
. X-248 ENGINE
RT BLUE SCOUT ROCKET VEHICLE
EXPLORER S-55 SATELLITE
SCOUT LAUNCH VEHICLE
SHOTPUT SOUNDING ROCKETS
VANGUARD 2 LAUNCH VEHICLE

X-254 ENGINE

GS ENGINES
. ROCKET ENGINES
. SOLID PROPELLANT ROCKET
ENGINES
. X-254 ENGINE
RT ANTARES ROCKET VEHICLE
BLUE SCOUT ROCKET VEHICLE
SCOUT LAUNCH VEHICLE

X-258 ENGINES

GS ENGINES
. ROCKET ENGINES
. SOLID PROPELLANT ROCKET
ENGINES
. X-258 ENGINES
. X-258-A1 ENGINE
. X-258-B1 ENGINE
RT SCOUT LAUNCH VEHICLE

X-258-A1 ENGINE

GS ENGINES
. ROCKET ENGINES
. SOLID PROPELLANT ROCKET
ENGINES
. X-258 ENGINES
. X-258-A1 ENGINE

X-258-B1 ENGINE

GS ENGINES
. ROCKET ENGINES
. SOLID PROPELLANT ROCKET
ENGINES
. X-258 ENGINES
. X-258-B1 ENGINE

X-259 ENGINE

GS ENGINES
. ROCKET ENGINES
. SOLID PROPELLANT ROCKET
ENGINES
. X-259 ENGINE
RT SCOUT LAUNCH VEHICLE

X-405 ENGINE

GS ENGINES
. ROCKET ENGINES
. BOOSTER ROCKET ENGINES
. X-405 ENGINE
. LIQUID PROPELLANT ROCKET
ENGINES
. X-405 ENGINE
RT VANGUARD PROJECT

XANTHIC ACIDS

GS ACIDS
. XANTHIC ACIDS
RT ORGANIC LIQUIDS

XANTHINES

GS FUNGICIDES
. XANTHINES
. GUANINES
. URIC ACID
HETEROCYCLIC COMPOUNDS
. XANTHINES
. CAFFEINE
. GUANINES
. URIC ACID
NITROGEN COMPOUNDS
. XANTHINES
. CAFFEINE
. GUANINES
. URIC ACID
PURINES
. XANTHINES
. CAFFEINE
. GUANINES
. URIC ACID

XB-47 AIRCRAFT

USE B-47 AIRCRAFT

XB-70 AIRCRAFT

USE B-70 AIRCRAFT

XBQM-180A AIRCRAFT

USE VATOL AIRCRAFT

XC-142 AIRCRAFT

UF C-142 AIRCRAFT
GS FAIRCHILD-HILLER AIRCRAFT
. XC-142 AIRCRAFT
JET AIRCRAFT

XENON

XC-142 AIRCRAFT-(CONT.)

. XC-142 AIRCRAFT
LING-TEMCO-VOUGHT AIRCRAFT
. XC-142 AIRCRAFT
MONOPLANES
. XC-142 AIRCRAFT
RYAN AIRCRAFT
. XC-142 AIRCRAFT
TILT WING AIRCRAFT
. XC-142 AIRCRAFT
TRANSPORT AIRCRAFT
. XC-142 AIRCRAFT
TURBOPROP ENGINES

XENON

GS CHEMICAL ELEMENTS
. RARE GASES
. XENON
. XENON ISOTOPES
. XENON 129
. XENON 133
. XENON 135
GASES
. RARE GASES
. XENON
. XENON ISOTOPES
. XENON 129
. XENON 133
. XENON 135

XENON COMPOUNDS

RT . . . RARE GAS COMPOUNDS

XENON FLUORIDE LASERS

GS STIMULATED EMISSION DEVICES
. LASERS
. . . GAS LASERS
. XENON FLUORIDE LASERS
. . . RARE GAS-HALIDE LASERS
. XENON FLUORIDE LASERS
RT ELECTRON TRANSITIONS
EXCIMER LASERS
LASER MATERIALS
LASER OUTPUTS

XENON ISOTOPES

GS CHEMICAL ELEMENTS
. NUCLIDES
. . ISOTOPES
. XENON ISOTOPES
. XENON 129
. XENON 133
. XENON 135
. RARE GASES
. XENON
. XENON ISOTOPES
. XENON 129
. XENON 133
. XENON 135
GASES
. RARE GASES
. XENON
. XENON ISOTOPES
. XENON 129
. XENON 133
. XENON 135

XENON LAMPS

GS LIGHTING EQUIPMENT
. LUMINAIRES
. XENON LAMPS
RT ARC LAMPS
FLASH LAMPS
INFRARED RADIATION
MERCURY LAMPS

XENON 129

GS CHEMICAL ELEMENTS
. NUCLIDES
. . ISOTOPES
. XENON ISOTOPES
. XENON 129
. RARE GASES
. XENON
. XENON ISOTOPES
. XENON 129
GASES
. RARE GASES
. XENON
. XENON ISOTOPES
. XENON 129

XENON 133

GS CHEMICAL ELEMENTS
. NUCLIDES

XENON 133-(CONT.)

. . ISOTOPES
. . . RADIOACTIVE ISOTOPES
. XENON 133
. XENON ISOTOPES
. XENON 133
. RARE GASES
. XENON
. XENON ISOTOPES
. XENON 133
GASES
. RARE GASES
. XENON
. XENON ISOTOPES
. XENON 133

XENON 135

GS CHEMICAL ELEMENTS
. NUCLIDES
. . ISOTOPES
. . . RADIOACTIVE ISOTOPES
. XENON 135
. XENON ISOTOPES
. XENON 135
. RARE GASES
. XENON
. XENON ISOTOPES
. XENON 135
GASES
. RARE GASES
. XENON
. XENON ISOTOPES
. XENON 135

XEROGRAPHY

GS IMAGERY
. REPRODUCTION (COPYING)
. XEROGRAPHY
RT ELECTROSTATIC CHARGE
PHOTOGRAPHS
PHOTOGRAPHY

XH-51 HELICOPTER

UF AEROGYRO HELICOPTERS
CL-595 HELICOPTER
H-51 HELICOPTER
LOCKHEED CL-595 HELICOPTER
LOCKHEED 186 HELICOPTER
GS LOCKHEED AIRCRAFT
. XH-51 HELICOPTER
RESEARCH AIRCRAFT
. XH-51 HELICOPTER
V/STOL AIRCRAFT
. ROTARY WING AIRCRAFT
. HELICOPTERS
. RIGID ROTOR HELICOPTERS
. XH-51 HELICOPTER

XI HYPERONS

GS PARTICLES
. ELEMENTARY PARTICLES
. BOSONS
. XI HYPERONS
. FERMIONS
. BARYONS
. HYPERONS
. XI HYPERONS
. NUCLEAR PARTICLES
. BOSONS
. XI HYPERONS

XJ-34-WE-32 ENGINE

USE J-34 ENGINE

XJ-79-GE-1 ENGINE

USE J-79 ENGINE

XLR-58 ENGINE

GS ENGINES
. ROCKET ENGINES
. . . LIQUID PROPELLANT ROCKET
. ENGINES
. XLR-58 ENGINE
RT BULLPUP MISSILES

XLR-81-BA-13 ENGINE

GS ENGINES
. ROCKET ENGINES
. . . LIQUID PROPELLANT ROCKET
. ENGINES
. XLR-81-BA-13 ENGINE
RT ATLAS AGENA B LAUNCH VEHICLE
THOR AGENA LAUNCH VEHICLE

XLR-91-AJ-5 ENGINE

USE LR-91-AJ-5 ENGINE

XLR-99 ENGINE

GS ENGINES
. ROCKET ENGINES
. . . LIQUID PROPELLANT ROCKET
. ENGINES
. XLR-99 ENGINE
RT X-15 AIRCRAFT

XLR-115 ENGINE

USE YLR-115 ENGINE

XM-6 SQUIB

USE SQUIBS

XM-8 SQUIB

USE SQUIBS

XM-33 ENGINE

UF TX-33-39 ENGINE
GS ENGINES
. ROCKET ENGINES
. . . SOLID PROPELLANT ROCKET
. ENGINES
. XM-33 ENGINE
RT BLUE SCOUT ROCKET VEHICLE
EXOS SOUNDING ROCKET
JOURNEYMAN ROCKET VEHICLE
LITTLE JOE 2 LAUNCH VEHICLE
POLARIS MISSILES
SCOUT LAUNCH VEHICLE
SHOTPUT SOUNDING ROCKETS
TX-354 ENGINE

XT-761 ENGINE

GS ENGINES
. ROCKET ENGINES
. . . ELECTRIC ROCKET ENGINES
. ELECTROTHERMAL ENGINES
. ARC JET ENGINES
. XT-761 ENGINE

XV-3 AIRCRAFT

UF V-3 AIRCRAFT
GS BELL AIRCRAFT
. XV-3 AIRCRAFT
V/STOL AIRCRAFT
. XV-3 AIRCRAFT
RT TILTING ROTORS

XV-4 AIRCRAFT

UF HUMMINGBIRD AIRCRAFT
LOCKHEED XV-4A AIRCRAFT
V-4 AIRCRAFT
VZ-10 AIRCRAFT
GS JET AIRCRAFT
. XV-4 AIRCRAFT
LOCKHEED AIRCRAFT
. XV-4 AIRCRAFT
MONOPLANES
. XV-4 AIRCRAFT
RESEARCH AIRCRAFT
. XV-4 AIRCRAFT
V/STOL AIRCRAFT
. VERTICAL TAKEOFF AIRCRAFT
. XV-4 AIRCRAFT

XV-5 AIRCRAFT

UF V-5 AIRCRAFT
VZ-11 AIRCRAFT
XV-5A AIRCRAFT
GS FAN IN WING AIRCRAFT
. XV-5 AIRCRAFT
JET AIRCRAFT
. XV-5 AIRCRAFT
MONOPLANES
. XV-5 AIRCRAFT
RESEARCH AIRCRAFT
. XV-5 AIRCRAFT
RYAN AIRCRAFT
. XV-5 AIRCRAFT
V/STOL AIRCRAFT
. XV-5 AIRCRAFT

XV-5A AIRCRAFT

USE XV-5 AIRCRAFT

XV-6A AIRCRAFT

USE P-1127 AIRCRAFT

XV-8A AIRCRAFT

GS RESEARCH AIRCRAFT

NASA THESAURUS (VOLUME 1)

XV-8A AIRCRAFT-(CONT.)

. XV-8A AIRCRAFT
 RYAN AIRCRAFT
 . XV-8A AIRCRAFT
 UTILITY AIRCRAFT
 . XV-8A AIRCRAFT
 V/STOL AIRCRAFT
 . XV-8A AIRCRAFT
 RT FLEXIBLE WINGS

XV-9A AIRCRAFT

UF V-9 AIRCRAFT
 GS HUGHES AIRCRAFT
 . XV-9A AIRCRAFT
 JET AIRCRAFT
 . XV-9A AIRCRAFT
 RESEARCH AIRCRAFT
 . XV-9A AIRCRAFT
 V/STOL AIRCRAFT
 . ROTARY WING AIRCRAFT
 . . . HELICOPTERS
 . . . XV-9A AIRCRAFT
 RT TIP DRIVEN ROTORS

XV-11A AIRCRAFT

GS RESEARCH AIRCRAFT
 . XV-11A AIRCRAFT
 V/STOL AIRCRAFT
 . VERTICAL TAKEOFF AIRCRAFT
 . . XV-11A AIRCRAFT
 RT LIFT FANS
 SHROUDED PROPELLERS

XV-15 AIRCRAFT

GS BELL AIRCRAFT
 . XV-15 AIRCRAFT
 V/STOL AIRCRAFT
 . ROTARY WING AIRCRAFT
 . . TILT ROTOR AIRCRAFT
 . . . XV-15 AIRCRAFT
 RT ∞ AIRCRAFT
 HELICOPTERS
 TILT ROTOR RESEARCH AIRCRAFT
 PROGRAM

XYLENE

GS HYDROCARBONS
 . XYLENE
 RT TOLUENE

XYLOCAINE

GS DRUGS
 . ANESTHETICS
 . . XYLOCAINE

XYLOSE

GS ALIPHATIC COMPOUNDS
 . SUGARS
 . . MONOSACCHARIDES
 . . . XYLOSE
 . . . PENTOSE
 . . . XYLOSE
 CARBOHYDRATES
 . SUGARS
 . . MONOSACCHARIDES
 . . . XYLOSE
 . . . PENTOSE
 . . . XYLOSE

Y

YAG (GARNET)

USE YTTRIUM-ALUMINUM GARNET

YAG LASERS

GS ELECTRONIC EQUIPMENT
 . SOLID STATE DEVICES
 . . SOLID STATE LASERS
 . . . YAG LASERS
 STIMULATED EMISSION DEVICES
 . LASERS
 . . SOLID STATE LASERS
 . . . YAG LASERS
 RT LASER HEATING
 LASER MATERIALS
 LASER OUTPUTS

YAGI ANTENNAS

GS ANTENNAS
 . DIRECTIONAL ANTENNAS
 . . YAGI ANTENNAS

YAGI ANTENNAS-(CONT.)

ARRAYS
 . ANTENNA ARRAYS
 . . LINEAR ARRAYS
 . . . ENDFIRE ARRAYS
 YAGI ANTENNAS
 RT ANTENNA DESIGN
 DIPOLE ANTENNAS
 DIRECTORS (ANTENNA ELEMENTS)
 WAVEGUIDE ANTENNAS

YAK 40 AIRCRAFT

GS GENERAL AVIATION AIRCRAFT
 . YAK 40 AIRCRAFT
 JET AIRCRAFT
 . YAK 40 AIRCRAFT
 LIGHT AIRCRAFT
 . YAK 40 AIRCRAFT
 PASSENGER AIRCRAFT
 . YAK 40 AIRCRAFT

YANG-MILLS FIELDS

RT ELECTROMAGNETIC FIELDS
 FIELD THEORY (PHYSICS)
 GAUGE THEORY
 GRAVITATIONAL FIELDS
 PERTURBATION THEORY
 YANG-MILLS THEORY

YANG-MILLS THEORY

RT FIELD THEORY (PHYSICS)
 GAUGE THEORY
 PERTURBATION THEORY
 SPACE-TIME FUNCTIONS
 STATISTICAL ANALYSIS
 THEORETICAL PHYSICS
 YANG-MILLS FIELDS

YARNS

RT CORDAGE
 COTTON
 FIBERS
 ∞ ROVINGS
 STRANDS
 WOOL

YAW

UF DAMPING IN YAW
 FISHTAILING
 YAWMETERS
 GS ATTITUDE (INCLINATION)
 . YAW
 RT AERODYNAMIC STABILITY
 DIRECTIONAL CONTROL
 DIRECTIONAL STABILITY
 LATERAL OSCILLATION
 ∞ MOTION
 PITCH (INCLINATION)
 ROLL
 ROTATION
 SIDESLIP
 SKIDDING
 TURNING FLIGHT
 YAWING MOMENTS

YAWING MOMENTS

GS MOMENTS
 . STABILITY DERIVATIVES
 . . YAWING MOMENTS
 RT AERODYNAMIC COEFFICIENTS
 LATERAL OSCILLATION
 MOMENTS OF INERTIA
 PITCHING MOMENTS
 ROLLING MOMENTS
 TORQUE
 YAW

YAWMETERS

USE ATTITUDE INDICATORS
 YAW

YC-14 AIRCRAFT

GS TRANSPORT AIRCRAFT
 . CARGO AIRCRAFT
 . . YC-14 AIRCRAFT
 RT BOEING AIRCRAFT
 ∞ MILITARY AIRCRAFT

YC-15 AIRCRAFT

USE C-15 AIRCRAFT

YC-123 AIRCRAFT

USE C-123 AIRCRAFT

YEAST

GS FUNGI
 . YEAST
 RT ∞ FOOD

YELLOWSTONE NATIONAL PARK (ID-MT-WY)

GS LAND
 . PARKS
 . . NATIONAL PARKS
 . . . YELLOWSTONE NATIONAL PARK
 (ID-MT-WY)

RT IDAHO
 MONTANA
 WYOMING

YEMEN

RT ASIA
 NATIONS

YF-12 AIRCRAFT

GS ATTACK AIRCRAFT
 . FIGHTER AIRCRAFT
 . . YF-12 AIRCRAFT
 RT AIRCRAFT DESIGN
 ∞ INTERCEPTORS
 JET AIRCRAFT
 ∞ MILITARY AIRCRAFT
 RECONNAISSANCE AIRCRAFT
 RESEARCH AIRCRAFT

YF-16 AIRCRAFT

GS ATTACK AIRCRAFT
 . FIGHTER AIRCRAFT
 . . YF-16 AIRCRAFT
 RT ∞ MILITARY AIRCRAFT

YF-17 AIRCRAFT

USE F-17 AIRCRAFT

YF-102 AIRCRAFT

USE F-102 AIRCRAFT

YHU-1 HELICOPTER

USE UH-1 HELICOPTER

YIELD

RT LOSSES
 OUTPUT

YIELD POINT

UF DAMAGE THRESHOLD
 LUDER BANDS
 GS MECHANICAL PROPERTIES
 . PLASTIC PROPERTIES
 . . YIELD POINT
 RT MICROYIELD STRENGTH
 TRESCA FLOW

YIELD STRENGTH

GS MECHANICAL PROPERTIES
 . YIELD STRENGTH
 . . MICROYIELD STRENGTH
 ELASTIC PROPERTIES
 FRACTURE STRENGTH
 HIGH STRENGTH
 J INTEGRAL
 PLASTIC DEFORMATION
 ∞ STRENGTH
 STRESS-STRAIN DIAGRAMS
 STRESS-STRAIN RELATIONSHIPS
 STRESSES
 TEMPERATURE INVERSIONS

YIG (GARNET)

USE YTTRIUM-IRON GARNET

YJ-73-GE-3 ENGINE

USE J-73 ENGINE

YJ-79 ENGINE

USE J-79 ENGINE

YJ-85 ENGINE

USE J-85 ENGINE

YJ-93 ENGINE

USE J-93 ENGINE

YJ-93-GE-3 ENGINE

USE J-93 ENGINE

YJ73 TURBOJET ENGINE

USE J-73 ENGINE

YLR-62 ENGINE

YLR-62 ENGINE
USE LR-62 ENGINE

YLR-91-AJ-1 ENGINE
GS ENGINES
. ROCKET ENGINES
. LIQUID PROPELLANT ROCKET ENGINES
. . . YLR-91-AJ-1 ENGINE
RT TITAN ICBM

YLR-99-RM-1 ENGINE
USE LR-99 ENGINE

YLR-101-NA-13 ENGINE
GS ENGINES
. TORPEDO ENGINES
. VERNIER ENGINES
. . . YLR-101-NA-13 ENGINE
RT ATLAS LAUNCH VEHICLES

YLR-101-NA-15 ENGINE
GS ENGINES
. TORPEDO ENGINES
. VERNIER ENGINES
. . . YLR-101-NA-15 ENGINE
RT ATLAS LAUNCH VEHICLES

YLR-115 ENGINE
UF XLR-115 ENGINE
GS ENGINES
. ROCKET ENGINES
. LIQUID PROPELLANT ROCKET ENGINES
. . . YLR-115 ENGINE
RT CENTAUR LAUNCH VEHICLE

YO-YO DEVICES
RT ANGULAR ACCELERATION
GYROSCOPIC STABILITY
SATELLITE ROTATION
SPIN
SPIN REDUCTION

YOKES
RT BEAM WAVEGUIDES
CONNECTORS
COUPLERS
COUPLES
DEFLECTION
FERROMAGNETIC MATERIALS
∞ JOINING
LINKAGES
MAGNET COILS

YOUNG MODULUS
USE MODULUS OF ELASTICITY

YOUNG-HELMHOLTZ THEORY
RT COLOR VISION
PHOTORECEPTORS

YOUTH
RT GROWTH
HUMAN BEINGS

YS-11 AIRCRAFT
UF NIHON YS-11 AIRCRAFT
GS JET AIRCRAFT
. TURBOPROP AIRCRAFT
. . . YS-11 AIRCRAFT
MONOPLANES
. YS-11 AIRCRAFT
NIHON AIRCRAFT
. YS-11 AIRCRAFT
PASSENGER AIRCRAFT
. YS-11 AIRCRAFT
TRANSPORT AIRCRAFT
. YS-11 AIRCRAFT

YT-2 AIRCRAFT
USE T-2 AIRCRAFT

YTTERBIUM
GS CHEMICAL ELEMENTS
. RARE EARTH ELEMENTS
. . . YTTERBIUM
. . . YTTERBIUM ISOTOPES
METALS
. RARE EARTH ELEMENTS
. . . YTTERBIUM
. . . YTTERBIUM ISOTOPES

YTTERBIUM COMPOUNDS
GS RARE EARTH COMPOUNDS
. YTTERBIUM COMPOUNDS
RT ∞ CHEMICAL COMPOUNDS
∞ METAL COMPOUNDS

YTTERBIUM ISOTOPES
GS CHEMICAL ELEMENTS
. RARE EARTH ELEMENTS
. . . YTTERBIUM
. . . YTTERBIUM ISOTOPES
METALS
. RARE EARTH ELEMENTS
. . . YTTERBIUM
. . . YTTERBIUM ISOTOPES

YTTRIUM
GS CHEMICAL ELEMENTS
. RARE EARTH ELEMENTS
. . . YTTRIUM
. . . YTTRIUM ISOTOPES
METALS
. RARE EARTH ELEMENTS
. . . YTTRIUM
. . . YTTRIUM ISOTOPES
TRANSITION METALS
. . . YTTRIUM
. . . YTTRIUM ISOTOPES

YTTRIUM ALLOYS
GS ALLOYS
. YTTRIUM ALLOYS
RT RARE EARTH ALLOYS

YTTRIUM COMPOUNDS
GS YTTRIUM COMPOUNDS
. YTTRIUM OXIDES
. YTTRIUM-ALUMINUM GARNET
. YTTRIUM-IRON GARNET
RT ∞ GROUP 3B COMPOUNDS
∞ METAL COMPOUNDS

YTTRIUM ISOTOPES
GS CHEMICAL ELEMENTS
. NUCLIDES
. . . ISOTOPES
. . . YTTRIUM ISOTOPES
. RARE EARTH ELEMENTS
. . . YTTRIUM
. . . YTTRIUM ISOTOPES
METALS
. RARE EARTH ELEMENTS
. . . YTTRIUM
. . . YTTRIUM ISOTOPES
TRANSITION METALS
. . . YTTRIUM
. . . YTTRIUM ISOTOPES

YTTRIUM OXIDES
GS CHALCOGENIDES
. OXIDES
. . . METAL OXIDES
. . . YTTRIUM OXIDES
YTTRIUM COMPOUNDS
. YTTRIUM OXIDES

YTTRIUM-ALUMINUM GARNET
UF YAG (GARNET)
GS SILICON COMPOUNDS
. SILICATES
. . . GARNETS
. . . YTTRIUM-ALUMINUM GARNET
YTTRIUM COMPOUNDS
. YTTRIUM-ALUMINUM GARNET
RT FERRITES
MAGNETOSTATIC AMPLIFIERS
MINERALS

YTTRIUM-IRON GARNET
UF YIG (GARNET)
GS SILICON COMPOUNDS
. SILICATES
. . . GARNETS
. . . YTTRIUM-IRON GARNET
YTTRIUM COMPOUNDS
. YTTRIUM-IRON GARNET
RT FERRITES
MAGNETOSTATIC AMPLIFIERS
MINERALS
WAVEGUIDE TUNERS

YUGOSLAVIA
RT ADRIATIC SEA
EUROPE

NASA THESAURUS (VOLUME 1)

YUGOSLAVIA-(CONT.)
NATIONS

YUH-1 HELICOPTER
USE UH-1 HELICOPTER

YUH-60A HELICOPTER
USE UH-60A HELICOPTER

YUH-61A HELICOPTER
USE UH-61A HELICOPTER

YUKAWA POTENTIAL
RT MESON-NUCLEON INTERACTIONS
∞ POTENTIAL

YUKON AIRCRAFT
USE CL-44 AIRCRAFT

YURTUK METEORITE
GS CELESTIAL BODIES
. METEORITES
. . . STONY METEORITES
. . . CHONDRITES
. . . . YURTUK METEORITE

Z

Z-37 AIRCRAFT
UF OMNIPOL Z-37 AIRCRAFT
GS MONOPLANES
. Z-37 AIRCRAFT
OMNIPOL AIRCRAFT
. Z-37 AIRCRAFT
UTILITY AIRCRAFT
. Z-37 AIRCRAFT

ZAIRE
UF BELGIAN CONGO
CONGO (KINSHASA)
RT AFRICA
NATIONS

ZAMBIA
RT AFRICA
NATIONS

ZEEMAN EFFECT
RT ∞ EFFECTS
MAGNETIC FIELDS
SPECTROSCOPY
SPECTRUM ANALYSIS
STARK EFFECT
VOIGT EFFECT

ZENER DIODES
USE AVALANCHE DIODES

ZENER EFFECT
RT BARRIER LAYERS
CARRIER DENSITY (SOLID STATE)
∞ CARRIERS
ELECTRIC DISCHARGES
FIELD EMISSION

ZENITH
RT ANTIPODES
APEXES
CELESTIAL SPHERE
MAXIMA
NOON
SOLAR POSITION

ZEOLITES
GS SILICON COMPOUNDS
. SILICATES
. . . ZEOLITES
RT ION EXCHANGE RESINS
MINERALS

ZERO ANGLE OF ATTACK
GS GEOMETRY
. EUCLIDEAN GEOMETRY
. . . ANGLES (GEOMETRY)
. . . . ANGLE OF ATTACK
. . . . ZERO ANGLE OF ATTACK

ZERO CROSSINGS
USE ROOTS OF EQUATIONS

ZERO FORCE CURVES

RT CURVATURE
 ∞ CURVES
 ∞ FORCE

ZERO GRAVITY

USE WEIGHTLESSNESS

ZERO LIFT

GS AERODYNAMIC CHARACTERISTICS
 . LIFT
 . . ZERO LIFT
 AERODYNAMIC FORCES
 . LIFT
 . . ZERO LIFT
 DYNAMIC CHARACTERISTICS
 . LIFT
 . . ZERO LIFT
 RT AERODYNAMIC STALLING
 BOUNDARY LAYER SEPARATION
 DISTRIBUTION (PROPERTY)

ZERO POINT ENERGY

RT ABSOLUTE ZERO
 FIELD THEORY (PHYSICS)
 KINETIC ENERGY
 THERMODYNAMIC PROPERTIES

ZERO POWER REACTOR 2

GS NUCLEAR REACTORS
 . LIQUID COOLED REACTORS
 . . WATER COOLED REACTORS
 . . . HEAVY WATER REACTORS
 . . . ZERO POWER REACTOR 2
 . . . ZERO POWER REACTORS
 . . . ZERO POWER REACTOR 2
 . NUCLEAR RESEARCH AND TEST
 REACTORS
 . . ZERO POWER REACTOR 2

ZERO POWER REACTOR 3

GS NUCLEAR REACTORS
 . LIQUID COOLED REACTORS
 . . WATER COOLED REACTORS
 . . . ZERO POWER REACTORS
 . . . ZERO POWER REACTOR 3
 . NUCLEAR RESEARCH AND TEST
 REACTORS
 . . ZERO POWER REACTOR 3

ZERO POWER REACTOR 6

GS NUCLEAR REACTORS
 . LIQUID COOLED REACTORS
 . . WATER COOLED REACTORS
 . . . ZERO POWER REACTORS
 . . . ZERO POWER REACTOR 6
 . NUCLEAR RESEARCH AND TEST
 REACTORS
 . . ZERO POWER REACTOR 6

ZERO POWER REACTOR 7

GS NUCLEAR REACTORS
 . LIQUID COOLED REACTORS
 . . WATER COOLED REACTORS
 . . . BOILING WATER REACTORS
 . . . ZERO POWER REACTOR 7
 . . . ZERO POWER REACTORS
 . . . ZERO POWER REACTOR 7
 . NUCLEAR RESEARCH AND TEST
 REACTORS
 . . ZERO POWER REACTOR 7

ZERO POWER REACTOR 9

GS NUCLEAR REACTORS
 . LIQUID COOLED REACTORS
 . . WATER COOLED REACTORS
 . . . ZERO POWER REACTORS
 . . . ZERO POWER REACTOR 9
 . NUCLEAR RESEARCH AND TEST
 REACTORS
 . . ZERO POWER REACTOR 9

ZERO POWER REACTORS

UF ZPR REACTORS
 GS NUCLEAR REACTORS
 . LIQUID COOLED REACTORS
 . . WATER COOLED REACTORS
 . . . ZERO POWER REACTORS
 . . . ZERO POWER REACTOR 2
 . . . ZERO POWER REACTOR 3
 . . . ZERO POWER REACTOR 6
 . . . ZERO POWER REACTOR 7
 . . . ZERO POWER REACTOR 9

ZERO SOUND

GS ACOUSTIC PROPERTIES
 . SOUND INTENSITY
 . . ZERO SOUND
 RATES (PER TIME)
 . FLUX DENSITY
 . . SOUND INTENSITY
 . . . ZERO SOUND
 RT ACOUSTIC ATTENUATION
 ACOUSTICS
 ANECHOIC CHAMBERS
 REFLECTION
 SILENCERS
 SUBAUDIBLE FREQUENCIES

ZERO-G ACPL (SPACELAB)

USE ATMOSPHERIC CLOUD PHYSICS LAB
 (SPACELAB)

ZETA AURIGAE STAR

GS CELESTIAL BODIES
 . STARS
 . . ZETA AURIGAE STAR
 RT AURIGA CONSTELLATION

ZETA PINCH

GS PINCH EFFECT
 . PLASMA PINCH
 . . ZETA PINCH
 RT CONTROLLED FUSION
 MAGNETOHYDRODYNAMIC STABILITY
 PLASMA COMPRESSION
 PLASMA CONTROL
 PLASMA ELECTRODES
 PLASMA FOCUS
 Q DEVICES
 ROTATING PLASMAS
 SCREW PINCH
 THETA PINCH

ZETA THERMONUCLEAR REACTOR

RT PINCH EFFECT
 THERMONUCLEAR POWER GENERATION
 THERMONUCLEAR REACTIONS

ZEUS MISSILE

USE NIKE-ZEUS MISSILE

ZIEGLER CATALYST

GS CATALYSTS
 . ZIEGLER CATALYST
 RT POLYMERIZATION

ZIMBABWE

UF RHODESIA
 RT AFRICA
 NATIONS

ZINC

GS CHEMICAL ELEMENTS
 . ZINC
 . . ZINC ISOTOPES
 METALS
 . TRANSITION METALS
 . . ZINC
 . . . ZINC ISOTOPES

ZINC ALLOYS

GS ALLOYS
 . ZINC ALLOYS
 RT BEARING ALLOYS
 SOLDERS

ZINC ANTIMONIDES

GS ANTIMONY COMPOUNDS
 . ANTIMONIDES
 . . ZINC ANTIMONIDES
 ZINC COMPOUNDS
 . ZINC ANTIMONIDES

ZINC CHLORIDES

GS HALOGEN COMPOUNDS
 . CHLORINE COMPOUNDS
 . . CHLORIDES
 . . . ZINC CHLORIDES
 . . . HALIDES
 . . . CHLORIDES
 . . . ZINC CHLORIDES
 . . . METAL HALIDES
 . . . ZINC CHLORIDES
 ZINC COMPOUNDS
 . ZINC CHLORIDES

ZINC COATINGS

UF GALVANIZING
 GS COATINGS
 . METAL COATINGS
 . . ZINC COATINGS
 METALS
 . METAL COATINGS
 . . ZINC COATINGS
 RT PROTECTIVE COATINGS

ZINC COMPOUNDS

GS ZINC COMPOUNDS
 . HODGKINSONITE
 . ZINC ANTIMONIDES
 . ZINC CHLORIDES
 . ZINC FLUORIDES
 . ZINC OXIDES
 . ZINC SELENIDES
 . ZINC SULFIDES
 . . WURTZITE
 . . ZINCBLLENDE
 . ZINC TELLURIDES
 . ZINC TUNGSTATES
 RT ∞ GROUP 2B COMPOUNDS
 ∞ METAL COMPOUNDS

ZINC FLUORIDES

GS HALOGEN COMPOUNDS
 . FLUORINE COMPOUNDS
 . . FLUORIDES
 . . . METAL FLUORIDES
 ZINC FLUORIDES
 . HALIDES
 . . METAL HALIDES
 . . . ZINC FLUORIDES
 ZINC COMPOUNDS
 . ZINC FLUORIDES

ZINC ISOTOPES

GS CHEMICAL ELEMENTS
 . NUCLIDES
 . . ISOTOPES
 . . . ZINC ISOTOPES
 . ZINC
 . . ZINC ISOTOPES
 METALS
 . TRANSITION METALS
 . . ZINC
 . . . ZINC ISOTOPES

ZINC NICKEL BATTERIES

USE NICKEL ZINC BATTERIES

ZINC OXIDES

GS CHALCOGENIDES
 . OXIDES
 . . METAL OXIDES
 . . . ZINC OXIDES
 ZINC COMPOUNDS
 . ZINC OXIDES

ZINC SELENIDES

GS CHALCOGENIDES
 . SELENIDES
 . . ZINC SELENIDES
 SELENIUM COMPOUNDS
 . SELENIDES
 . . ZINC SELENIDES
 ZINC COMPOUNDS
 . ZINC SELENIDES
 RT SCHOTTKY DIODES

ZINC SILVER BATTERIES

USE SILVER ZINC BATTERIES

ZINC SILVER OXIDE BATTERIES

USE SILVER ZINC BATTERIES

ZINC SULFIDES

GS CHALCOGENIDES
 . SULFIDES
 . . INORGANIC SULFIDES
 . . . ZINC SULFIDES
 WURTZITE
 ZINCBLLENDE
 SULFUR COMPOUNDS
 . SULFIDES
 . . INORGANIC SULFIDES
 . . . ZINC SULFIDES
 WURTZITE
 ZINCBLLENDE
 ZINC COMPOUNDS
 . ZINC SULFIDES
 . . WURTZITE

ZINC TELLURIDES

ZINC SULFIDES-(CONT.)

.. ZINCBLLENDE

ZINC TELLURIDES

GS CHALCOGENIDES
.. TELLURIDES
.. ZINC TELLURIDES
TELLURIUM COMPOUNDS
.. TELLURIDES
.. ZINC TELLURIDES
ZINC COMPOUNDS
.. ZINC TELLURIDES

ZINC TUNGSTATES

GS TUNGSTEN COMPOUNDS
.. TUNGSTATES
.. ZINC TUNGSTATES
ZINC COMPOUNDS
.. ZINC TUNGSTATES

ZINC-BROMIDE BATTERIES

GS ELECTROCHEMICAL CELLS
.. ELECTRIC BATTERIES
.. STORAGE BATTERIES
.. ZINC-BROMIDE BATTERIES
RT ZINC-CHLORINE BATTERIES

ZINC-CHLORINE BATTERIES

GS ELECTROCHEMICAL CELLS
.. ELECTRIC BATTERIES
.. STORAGE BATTERIES
.. ZINC-CHLORINE BATTERIES
RT ZINC-BROMIDE BATTERIES

ZINC-OXYGEN BATTERIES

GS ELECTRIC GENERATORS
.. DIRECT POWER GENERATORS
.. PRIMARY BATTERIES
.. METAL AIR BATTERIES
.. ZINC-OXYGEN BATTERIES
ELECTROCHEMICAL CELLS
.. ELECTRIC BATTERIES
.. PRIMARY BATTERIES
.. METAL AIR BATTERIES
.. ZINC-OXYGEN BATTERIES

ZINCBLLENDE

UF SPHALERITE
GS CHALCOGENIDES
.. SULFIDES
.. INORGANIC SULFIDES
.. ZINC SULFIDES
.. ZINCBLLENDE
MINERALS
.. ZINCBLLENDE
SULFUR COMPOUNDS
.. SULFIDES
.. INORGANIC SULFIDES
.. ZINC SULFIDES
.. ZINCBLLENDE
ZINC COMPOUNDS
.. ZINC SULFIDES
.. ZINCBLLENDE

ZIPPERS

GS FASTENERS
.. ZIPPERS
RT BUTTONS (FASTENERS)
HOLDERS

ZIRCALOY 2 (TRADEMARK)

GS ALLOYS
.. ZIRCANIUM ALLOYS
.. ZIRCALOYS (TRADEMARK)
.. ZIRCALOY 2 (TRADEMARK)

ZIRCALOYS (TRADEMARK)

GS ALLOYS
.. ZIRCANIUM ALLOYS
.. ZIRCALOYS (TRADEMARK)
.. ZIRCALOY 2 (TRADEMARK)
RT IRON ALLOYS
TIN ALLOYS

ZIRCONATES

GS ZIRCONIUM COMPOUNDS
.. ZIRCONATES
.. SODIUM FLUOZIRCONATES
.. STRONTIUM ZIRCONATES

ZIRCONIUM

GS CHEMICAL ELEMENTS
.. ZIRCONIUM
.. ZIRCONIUM ISOTOPES

ZIRCONIUM-(CONT.)

.. ZIRCONIUM 95
METALS
.. TRANSITION METALS
.. ZIRCONIUM
.. ZIRCONIUM ISOTOPES
.. ZIRCONIUM 95

ZIRCONIUM ALLOYS

GS ALLOYS
.. ZIRCONIUM ALLOYS
.. ZIRCALOYS (TRADEMARK)
.. ZIRCALOY 2 (TRADEMARK)

ZIRCONIUM CARBIDES

GS CARBON COMPOUNDS
.. CARBIDES
.. ZIRCONIUM CARBIDES
ZIRCONIUM COMPOUNDS
.. ZIRCONIUM CARBIDES

ZIRCONIUM COMPOUNDS

GS ZIRCONIUM COMPOUNDS
.. BARIUM ZIRCONATES
.. ZIRCONATES
.. SODIUM FLUOZIRCONATES
.. STRONTIUM ZIRCONATES
.. ZIRCONIUM CARBIDES
.. ZIRCONIUM HYDRIDES
.. ZIRCONIUM IODIDES
.. ZIRCONIUM NITRIDES
.. ZIRCONIUM OXIDES
.. ZIRCONIUM TITANATES
RT ∞ GROUP 4B COMPOUNDS
 ∞ METAL COMPOUNDS

ZIRCONIUM HYDRIDES

GS HYDROGEN COMPOUNDS
.. HYDRIDES
.. ZIRCONIUM HYDRIDES
ZIRCONIUM COMPOUNDS
.. ZIRCONIUM HYDRIDES

ZIRCONIUM IODIDES

GS HALOGEN COMPOUNDS
.. HALIDES
.. METAL HALIDES
.. ZIRCONIUM IODIDES
.. IODINE COMPOUNDS
.. IODIDES
.. ZIRCONIUM IODIDES
ZIRCONIUM COMPOUNDS
.. ZIRCONIUM IODIDES

ZIRCONIUM ISOTOPES

GS CHEMICAL ELEMENTS
.. NUCLIDES
.. ISOTOPES
.. ZIRCONIUM ISOTOPES
.. ZIRCONIUM 95
.. ZIRCONIUM
.. ZIRCONIUM ISOTOPES
.. ZIRCONIUM 95
METALS
.. TRANSITION METALS
.. ZIRCONIUM
.. ZIRCONIUM ISOTOPES
.. ZIRCONIUM 95

ZIRCONIUM NITRIDES

GS NITROGEN COMPOUNDS
.. NITRIDES
.. ZIRCONIUM NITRIDES
ZIRCONIUM COMPOUNDS
.. ZIRCONIUM NITRIDES

ZIRCONIUM OXIDES

GS CHALCOGENIDES
.. OXIDES
.. METAL OXIDES
.. ZIRCONIUM OXIDES
ZIRCONIUM COMPOUNDS
.. ZIRCONIUM OXIDES

ZIRCONIUM TITANATES

GS TITANIUM COMPOUNDS
.. TITANATES
.. ZIRCONIUM TITANATES
ZIRCONIUM COMPOUNDS
.. ZIRCONIUM TITANATES

ZIRCONIUM 95

GS CHEMICAL ELEMENTS
.. NUCLIDES

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ZIRCONIUM 95-(CONT.)

.. ISOTOPES
.. RADIOACTIVE ISOTOPES
.. ZIRCONIUM 95
.. ZIRCONIUM ISOTOPES
.. ZIRCONIUM 95
.. ZIRCONIUM
.. ZIRCONIUM ISOTOPES
.. ZIRCONIUM 95
METALS
.. TRANSITION METALS
.. ZIRCONIUM
.. ZIRCONIUM ISOTOPES
.. ZIRCONIUM 95

ZODIAC

RT ASTROLOGY
CONSTELLATIONS
ECLIPTIC
SCORPIUS CONSTELLATION
SCUTUM CONSTELLATION

ZODIACAL DUST

GS CELESTIAL BODIES
.. METEORIODS
.. MICROMETEORIODS
.. METEORIOD DUST CLOUDS
.. ZODIACAL DUST
DUST
.. COSMIC DUST
.. INTERPLANETARY DUST
.. METEORIOD DUST CLOUDS
.. ZODIACAL DUST
MEDIA
.. INTERPLANETARY MEDIUM
.. INTERPLANETARY DUST
.. METEORIOD DUST CLOUDS
.. ZODIACAL DUST
RT EXPLORER SATELLITES
MICROMETEORITES
POYNTING-ROBERTSON EFFECT
TERRESTRIAL DUST BELT

ZODIACAL LIGHT

GS ELECTROMAGNETIC RADIATION
.. LIGHT (VISIBLE RADIATION)
.. ZODIACAL LIGHT
EXTRATERRESTRIAL RADIATION
.. ZODIACAL LIGHT
RT GEGENSCHIEIN
HELIOS PROJECT
MICROMETEORIODS
NIGHT SKY
POLARIZED LIGHT
POYNTING-ROBERTSON EFFECT
SKY BRIGHTNESS
SOLAR RADIATION
SUNLIGHT

ZONAL EARTH ENERGY BUDGET EXPERIMENT USE LZEEBE SATELLITE

ZONAL HARMONICS

GS ANALYSIS (MATHEMATICS)
.. FUNCTIONAL ANALYSIS
.. HARMONIC ANALYSIS
.. ZONAL HARMONICS
HARMONICS
.. ZONAL HARMONICS

ZOND SPACE PROBES

GS INTERPLANETARY SPACECRAFT
.. ZOND SPACE PROBES
.. ZOND 1 SPACE PROBE
.. ZOND 2 SPACE PROBE
.. ZOND 3 SPACE PROBE
.. ZOND 4 SPACE PROBE
.. ZOND 5 SPACE PROBE
.. ZOND 6 SPACE PROBE
.. ZOND 7 SPACE PROBE
.. ZOND 8 SPACE PROBE
SOVIET SPACECRAFT
.. ZOND SPACE PROBES
.. ZOND 1 SPACE PROBE
.. ZOND 2 SPACE PROBE
.. ZOND 3 SPACE PROBE
.. ZOND 4 SPACE PROBE
.. ZOND 5 SPACE PROBE
.. ZOND 6 SPACE PROBE
.. ZOND 7 SPACE PROBE
.. ZOND 8 SPACE PROBE
UNMANNED SPACECRAFT
.. ZOND SPACE PROBES
.. ZOND 1 SPACE PROBE
.. ZOND 2 SPACE PROBE

ZOND SPACE PROBES-(CONT.)

. . ZOND 3 SPACE PROBE
 . . ZOND 4 SPACE PROBE
 . . ZOND 5 SPACE PROBE
 . . ZOND 6 SPACE PROBE
 . . ZOND 7 SPACE PROBE
 . . ZOND 8 SPACE PROBE

RT MARS PROBES

ZOND 1 SPACE PROBE

GS INTERPLANETARY SPACECRAFT
 . VENUS PROBES
 . . ZOND 1 SPACE PROBE
 . ZOND SPACE PROBES
 . . ZOND 1 SPACE PROBE
 SOVIET SPACECRAFT
 . ZOND SPACE PROBES
 . . ZOND 1 SPACE PROBE
 UNMANNED SPACECRAFT
 . SPACE PROBES
 . . VENUS PROBES
 . . . ZOND 1 SPACE PROBE
 . ZOND SPACE PROBES
 . . ZOND 1 SPACE PROBE

ZOND 2 SPACE PROBE

GS INTERPLANETARY SPACECRAFT
 . MARS PROBES
 . . ZOND 2 SPACE PROBE
 . ZOND SPACE PROBES
 . . ZOND 2 SPACE PROBE
 SOVIET SPACECRAFT
 . ZOND SPACE PROBES
 . . ZOND 2 SPACE PROBE
 UNMANNED SPACECRAFT
 . SPACE PROBES
 . . MARS PROBES
 . . . ZOND 2 SPACE PROBE
 . ZOND SPACE PROBES
 . . ZOND 2 SPACE PROBE

ZOND 3 SPACE PROBE

GS INTERPLANETARY SPACECRAFT
 . VENUS PROBES
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 . ZOND SPACE PROBES
 . . ZOND 3 SPACE PROBE
 SOVIET SPACECRAFT
 . ZOND SPACE PROBES
 . . ZOND 3 SPACE PROBE
 UNMANNED SPACECRAFT
 . SPACE PROBES
 . . VENUS PROBES
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ZOND 4 SPACE PROBE

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 SOVIET SPACECRAFT
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ZOND 5 SPACE PROBE

GS INTERPLANETARY SPACECRAFT
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 SOVIET SPACECRAFT
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 UNMANNED SPACECRAFT
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ZOND 6 SPACE PROBE

GS INTERPLANETARY SPACECRAFT
 . VENUS PROBES
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 . . ZOND 6 SPACE PROBE

ZOND 6 SPACE PROBE-(CONT.)

SOVIET SPACECRAFT
 . ZOND SPACE PROBES
 . . ZOND 6 SPACE PROBE
 UNMANNED SPACECRAFT
 . SPACE PROBES
 . . VENUS PROBES
 . . . ZOND 6 SPACE PROBE
 . ZOND SPACE PROBES
 . . ZOND 6 SPACE PROBE

ZOND 7 SPACE PROBE

GS INTERPLANETARY SPACECRAFT
 . VENUS PROBES
 . . ZOND 7 SPACE PROBE
 . ZOND SPACE PROBES
 . . ZOND 7 SPACE PROBE
 SOVIET SPACECRAFT
 . ZOND SPACE PROBES
 . . ZOND 7 SPACE PROBE
 UNMANNED SPACECRAFT
 . SPACE PROBES
 . . VENUS PROBES
 . . . ZOND 7 SPACE PROBE
 . ZOND SPACE PROBES
 . . ZOND 7 SPACE PROBE

ZOND 8 SPACE PROBE

GS INTERPLANETARY SPACECRAFT
 . VENUS PROBES
 . . ZOND 8 SPACE PROBE
 . ZOND SPACE PROBES
 . . ZOND 8 SPACE PROBE
 SOVIET SPACECRAFT
 . ZOND SPACE PROBES
 . . ZOND 8 SPACE PROBE
 UNMANNED SPACECRAFT
 . SPACE PROBES
 . . VENUS PROBES
 . . . ZOND 8 SPACE PROBE
 . ZOND SPACE PROBES
 . . ZOND 8 SPACE PROBE

ZONE MELTING

UF ZONE REFINING
 GS PHASE TRANSFORMATIONS
 . FREEZING
 . . ZONE MELTING
 RT ARC MELTING
 CRYSTALLIZATION
 MELTING
 PURIFICATION
 REFINING
 ∞ SEPARATION
 ULTRAPURE METALS
 VACUUM MELTING

ZONE REFINING

USE ZONE MELTING

ZONES

USE REGIONS

∞ ZOOLOGY

SN *(USE OF A MORE SPECIFIC TERM IS
 RECOMMENDED—CONSULT THE TERMS
 LISTED BELOW)*
 RT ANIMALS
 BOTANY
 ENTOMOLOGY
 TAXONOMY

ZPR REACTORS

USE ZERO POWER REACTORS

ZUNI ROCKET VEHICLE

GS ROCKET VEHICLES
 . SINGLE STAGE ROCKET VEHICLES
 . . ZUNI ROCKET VEHICLE
 RT SOLID PROPELLANT ROCKET ENGINES

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16. Abstract There are 16,713 postable terms and 3,716 nonpostable terms approved for use in the NASA scientific and technical information system in the Hierarchical Listing of the NASA Thesaurus. The generic structure is presented for many terms. The broader term and narrower term relationships are shown in an indented fashion that illustrates the generic structure better than the more widely used BT and NT listings. Related terms are generously applied, thus enhancing the usefulness of the Hierarchical Listing. Greater access to the Hierarchical Listing may be achieved with the collateral use of Volume 2 - Access Vocabulary.					
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